

Motorola MKM 7000 Console Alias Manager

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Features

The Motorola MKM 7000 Console Alias Manager (CAM) provides alias management capabilities for MCC 7500 and MCC 7100 dispatch consoles. It supports the following features.

General Features

- Runs on Windows 7 O/S
- Full Participation in Radio System Fault Management
- Supports ASTRO 25 Trunking IDs/Aliases
- Supports MDC 1200 IDs/Aliases
- Browser-based User Interface
- Supports Exporting of Alias Information
- Runs on a Workstation Computer
- Located in Console Site(s)
- Supports ASTRO 25 Conventional IDs/Aliases
- Supports Folders for Organizing Aliases
- API for Use with CAD Systems
- Supports Importing of Alias Information

General Information

MKM 7000 Description

The Motorola MKM 7000 Console Alias Manager (CAM) is an optional product that can be used to manage the radio unit ID aliases that are displayed on MCC 7500 and MCC 7100 consoles. It enables agencies that are sharing a radio system to make changes to the aliases that are displayed on their dispatch positions and logging recorders without affecting the aliases displayed on the dispatch positions and logging recorders of other agencies on the system.

A typical dispatch console uses many types of aliases to make it easier for dispatchers to do their jobs by providing meaningful, descriptive names instead of numeric ID numbers for different resources on the console. For example, aliases are used for:

- Trunking talkgroups and conventional channels
- Aux I/Os
- Secure keys used for voice encryption
- Frequencies on multi-frequency conventional channels
- PL codes on conventional channels using PL
- Preconfigured pages
- Radio unit IDs (also called radio PTT IDs)

Most of these aliases are defined when the console is first installed and rarely or never change. But, radio unit IDs can change more often and thus need a way to easily make changes. The MKM 7000 Console Alias Manager satisfies this need.

The CAM supports aliases for radio unit IDs for ASTRO®25 trunking systems, ASTRO 25 conventional systems, MDC 1200 conventional systems and Advanced Securenet conventional systems. When SmartX site converters are used with SmartZone or SMARTNET systems, the CAM supports aliases for those types of radio unit IDs, too. The CAM does not support aliases for systems connected via an ISSI link nor will it support non-Motorola consoles connected via a CSSI link.

API Software Development Kit

The Software Development Kit (SDK) for the MKM 7000 Console Alias Manager is considered to be Intellectual Property, not a product. Accordingly, it is not "ordered", but is obtained via the following Intellectual Property licencing process.

The Software Development Kit (SDK) for the MKM 7000 Console Alias Manager API requires a license agreement to be executed between the software developer and Motorola Solutions. The license agreement, and instructions for completing it, can be found on the [MKM 7000 wiki page](#).

The license agreement must be filled out and signed by the software developer. A scanned soft copy is then emailed to the following address for signing by Motorola Solutions.

eric.dahle@motorolasolutions.com

After it has been signed by MSI, it will be submitted to the Intellectual Property department for invoicing of the license fee (\$250.00). After receipt of the payment has been confirmed, the SDK will be shipped to the developer. **Please note that the licensing process typically takes around 8 weeks to complete. Please plan accordingly.**

The SDK is required when a customer wishes to use the MKM 7000 API to allow 3rd party software to communicate with the MKM 7000 Console Alias Manager.

The right to use the MKM 7000 API is included with the MKM 7000 Console Alias Manager, so no licenses beyond the SDK license agreement are required.

Technical support for the SDK may be ordered using the QLN3437 Field Add MCC 7500 SDK Technical Support which provides one hour of technical support. Multiple quantities of the QLN3437 may be ordered if more than one hour of support is desired. The QLN3437 is a "billing only" item (a BB item) and therefore must be on a factory order by itself.

Note that if the QLN3437 is not ordered, no plant technical support will be provided for the software developers using the SDK.

Manuals

The manual for the MKM 7000 Console Alias Manager is included in the ASTRO 25 Radio System Documentation Set. The manual (or the complete documentation set) can be downloaded from the [ASTRO 25 Documentation Web Site](#).

MKM 7000 Product Planner and Ordering Guide

The MKM 7000 Product Planner and Ordering Guide is available on the [MKM 7000 wiki page](#).

Ordering Requirements

Supported Ordering Systems

1. This equipment is ordered directly in COF or OMAR.
2. Motorola On-Line may not be used to the MKM 7000 CAM

Links to Other Elements of the Console Sub-System

1. [MCC 7500 Dispatch Position Items](#)
2. [Archiving Interface Server \(AIS\) Items](#)
3. [Manuals](#)

Models

Console Alias Manager Software

Description	Nomenclature	APC	Price
MKM 7000 Console Alias Manager Software	BVN1013	443	\$250.00
Provides one copy of the MKM 7000 Console Alias Manager server software. Each CAM			

server requires its own copy of the software.

Workstation

Z420 LOW TIER WORKSTATION WINDOWS 7	TT2538	708	\$2,550.00
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Provides a HP Z420 computer with the Windows 7 (64 bit) operating system, a keyboard and a mouse. Does not include a monitor or any application software. Not compatible with GPIOM based MCC 7500 consoles (it doesn't have enough PCI slots and doesn't support Vista or XP O/Ss). Does not support Hardware Encrypt Key Mgmt on MCC 7100.

Options

N/A

Accessories

Technical Support for SDK

Description	Nomenclature	APC	Price
FIELD ADD MCC 7500 SDK TECHNICAL SUPPORT	QLN3437	404	\$1,000.00

Provides one hour of technical support for the SDK from the factory. May be ordered multiple times if more than one hour of support is required. May be ordered to add additional technical support for software developers who are already using the SDK. Note that this is a billable item only (BB item) and must be ordered by itself on its own order.

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Monitoring and Control Network Used for Comparator Status and Control

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General Information

The Monitoring and Control Network (MCN) links a control center to a comparator. This provides an easy to use interface to view the status of a voting system and allows for control of comparators. The network uses a series of serial, parallel, and network cables to link comparator with display devices.

- The network is modular and can grow as the system grows.
- There are two types of user interfaces available:
 - CRT based - Uses a DOS computer to display the status and control of receivers on a CRT screen
 - Logic based - Connects an ASTRO-TAC Comparator with relay cards in a console electronics bank
- On the CENTRACOM one or more B1426 relay cards are required to interface into the MCN system.
- Each model comes with serial cables, network terminators, modules, and manuals.
- The CRT models include application software and users manual.
- **Note: The computer and monitor must be ordered separately.**

Ordering Requirements

For interfacing with ASTRO-TAC Comparators...

1. Order appropriate model as determined by how many receivers and base stations that are connected to the comparator (8 or 16 Receivers maximum).
2. Order a power supply option: Z491 120VAC for Canada or US, or Z492 230VAC for International.
 - **Note: A power supply option must be ordered for each model number.**
3. Order a mounting option: Z493 Rack Mount or Z494 Wall Mount.
 - **Note: A mounting option must be ordered for each model number and include network cables.**
4. On ASTRO-TAC Systems order the appropriate software option. Z255 for ASTRO VSELP or Z708 for ASTRO CAI (IMBE).
 - **Note: A software option must be ordered for each L1953, L1954 or L1959 model numbers.**
5. Order the appropriate spares or alternate cable lengths.

For interfacing with Spectra-TAC/DIGITAC Comparators...

1. Order appropriate model as determined by how many receivers and base stations that are connected to the comparator (8 or 16 Receivers maximum).
2. Order a power supply option: Z491 120VAC for Canada or US, or Z492 230VAC for International.
 - **Note: A power supply option must be ordered for each model number.**
3. Order a mounting option: Z493 Rack Mount or Z494 Wall Mount or Z496 Wiring Mount (DIGITAC-TAC only). The Z496 can mount the equipment easily on the back of the DIGITAC-TAC comparator.
 - **Note: A mounting option must be ordered for each model number and include network cables.**
4. Order a wiring option: Z550 or Z495. If the Z496 is ordered, don't order a wiring option.
5. Order the appropriate spares or alternate cable lengths.

For interfacing with MLC 8000 and GCM 8000 IP Comparators...

1. Order appropriate DDN model based on how many servers/clients are required

References

CIB Comparator Interface Module Catalog Sheet	R3-13-49
HIB Host Computer Interface Catalog Sheet	R3-13-50
IIB In/Output Interface Module Catalog Sheet	R3-13-51
Monitor & Control Catalog Sheet	R3-13-52
MCN System Planner	R4-13-11

Model

ASTRO-TAC/DIGITAC-TAC/Spectra-TAC Comparator Interface

ACIS IIB UP TO 8 RECEIVERS	L1953	229	\$2,404.00
Order the above to connect an 8 port ASTRO-TAC to a console using contact closures. Two B1426 CENTRACOM Comparator interface cards are not included and may be needed.			
ACIS IIB UP TO 16 RECEIVERS	L1954	229	\$3,236.00
Order the above to connect a 16 port ASTRO-TAC to a console using contact closures. Four B1426 CENTRACOM Comparator interface cards are not included and may be needed.			
ASTRO-TAC AIB, HIB-232 & MCNRCD FOR PC 8 RX	L1959	229	\$4,394.00
Order the above to connect an 8 port ASTRO-TAC to a console using 1 DOS based CRT display.			
DIGITAC CIB, HIB-232 & MCNRCD FOR PC 8 RX	L1955	229	\$3,674.00
Order the above to connect a DigiTAC with a maximum of 8 Receivers to a console using a DOS based CRT display.			
SPECTRA-TAC CIB, HIB-232 & MCNRCD FOR PC 8 RX	L1957	229	\$3,674.00
Order the above to connect a Spectra-TAC with a maximum of 8 Receivers to a console using a DOS based CRT display.			

MCN Server 8000 & Client Software For MLC 8000 and GCM 8000 IP Comparators (IP-based solution, certified for use with ASTRO 25 7.x Networks)

MCN SERVER 8000 SW LIC FOR 4 MOTOROLA IP COMPARATORS & 4 CLIENTS	DDN1289	229	\$9,556.00
MCN SERVER 8000 SW LIC OPT FOR 1 ADD'L MOTOROLA GCM 8000 OR MLC 8000	DDN1287	229	\$910.00
MCN SERVER 8000 SW LIC OPT FOR 4 ADD'L MOTOROLA GCM 8000 OR MLC8000	DDN1288	229	\$2,100.00
MCN SW LIC OPT CLIENT EXPANSION FOR 4 ADD'L CLIENTS	DDN1295	229	\$2,765.00
MCN SERVER 8000 & CLIENT SOFTWARE MAJOR LEVEL 1 UPGRADE	DDN1292	229	\$3,332.00
MCN SERVER 8000 & CLIENT SOFTWARE MAJOR VERSION LEVEL 2 UPGRADE	DDN1291	229	\$4,990.00
MCN SERVER 8000 MANUAL	DDN1290	229	\$28.00
MCN SW LIC OPTION MULTI-NI-4. ADDS SUPPORT FOR (4) HIB-IPS	DDN1294	229	\$2,100.00
HIB-IP UNIT TO CONNECT TO LEGACY MCN NETWORKS AND GPIO MODULES	DDN1293	229	\$3,066.00

[MCN 8000 Ordering Guide](#)

[MCN 8000 Brochure](#)

Options

ASTRO-TAC Comparator

ADD: POWER SPLY 120VAC US/CAN	Z491	229	\$69.00
ADD: POWER SUPPLY 230VAC EUROP	Z492	229	\$228.00
ADD: MOUNT, RACK ACIS IIB 8 RX	Z493	229	\$245.00
Compatible with the L1953 or L1959 only.			
ADD: MOUNT, RACK ACIS IIB 16RX	Z493	229	\$320.00
Compatible with the L1954 only.			
ADD: MOUNT, RACK 8 RX	Z493	229	\$99.00
Compatible with the L1955 or L1957 or L1959 only.			
ADD: MOUNT,WALL ACIS IIB 8 RX	Z494	229	\$195.00
Compatible with the L1953 only.			
ADD: ASTRO SOFTWARE LICENSE	Z255	229	\$400.00
This will provide an ASTRO VSELP Software License agreement.			
ADD: ASTRO IMBE LICENSE	Z708	229	\$400.00
This will provide an ASTRO IMBE Software License agreement.			

DIGITAC/Spectra-TAC Comparator

ADD: POWER SPLY 120VAC US/CAN	Z491	229	\$69.00
ADD: POWER SUPPLY 230VAC EUROP	Z492	229	\$228.00
ADD: MOUNT, RACK 8 RX	Z493	229	\$99.00
Compatible with the L1955 or L1957 or L1959 only.			
ADD: WIRING-MOUNTING DIGITAC 8	Z496	229	\$239.00
Compatible with the L1955 only.			
ADD: PUNCHBLOCK WIRING 8 RX	Z550	229	\$146.00
ADD: WIRING BLUNT CABLE 8 RX	Z495	229	\$36.00

Accessories

MCN Spare Modules

CIB COMPARATOR INTFC MODULE	CDN6121	229	\$962.00
AIB ASTROTAC INTERFACE MODULE	CDN6119	229	\$1,900.00
IIB I/O INTERFACE MODULE	CDN6120	229	\$962.00
MCNRCD STD SOFTWARE LICENSE W/HIB-232 MOD	CDN6122	229	\$2,792.00

Spare Power Supplies

POWER SUPPLY MCN120 VAC	CDN6116	229	\$66.00
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Spare Mounting Brackets

RACK MOUNT QUAD SIZE A	CDN6112	229	\$92.00
WALL MOUNT KIT SIZE A	CDN6113	229	\$21.00
MNTING BRACKET CIB DIGITAC	CDN6114	229	\$180.00

Parallel Input/Output Cables

CBL ASSY 25 PR MALE-MALE 25 FT	CDN6130	229	\$98.00
CABLE ASSY 25 PR M-NONE 25FT	CDN6135	229	\$81.00
CBL ASSY 25 PR MALE-MALE 10 FT	CDN6129	229	\$86.00
PUNCH BLOCK DUAL 25 PAIR	CDN6118	229	\$125.00

Serial Cables

CABLE KIT HIB PC AT/XT 6 FT	CDN6132	229	\$12.00
HIB-MODEM 3' SERIAL CABLE	CDN6149	229	\$42.00
CBL ASSY AIB COMPARATOR 10 FT	CDN6131	229	\$74.00

Network Cables and Terminators

CABLE ASSY NETWORK 9 INCHES	CDN6123	229	\$21.00
CABLE ASSY NETWORK 3 FT	CDN6124	229	\$21.00
CABLE ASSY NETWORK 10 FT	CDN6125	229	\$21.00
CABLE ASSY NETWORK 25 FT	CDN6126	229	\$38.00
CABLE ASSY NETWORK 100 FT	CDN6127	229	\$92.00
CBL ASSY NETWORK 100 FT PLENUM	CDN6128	229	\$200.00
NETWORK TERMINATOR (STANDARD 78K SYSTEMS)	CDN6115	229	\$12.00
COUPLER NETWORK CABLE FEM/FEM	CDN6133	229	\$12.00

Manuals

MCN SYSTEM PLANNER	CDN6134	229	\$30.00
CIB HARDWARE GUIDE	CDN6109	229	\$20.00
HIB-232 HARDWARE GUIDE	CDN6110	229	\$20.00
AIB HARDWARE GUIDE	CDN6107	229	\$20.00
IIB HARDWARE GUIDE	CDN6108	229	\$20.00
RCD DOS SOFTWARE GUIDE	CDN6111	229	\$28.00
MCN SERVER 8000 MANUAL	DDN1290	229	\$28.00

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SOFTWARE-BASED, DUAL INSTANT RECALL RECORDER

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General Information

The Dual Instant Recall Recorder (IRR) software (CD format) allows users to record two channels, radio, telephone, radio **and** telephone conversations, digitally on a personal computer (the software can also be configured to operate as a single channel IRR). The system uses an individual PC where the recording files are stored on the PC's hard drive. The Instant Recall Recorder keeps a database of all recordings, which allows for convenient "point and click" search and playback of any recordings. Once the software is installed on your PC, the functions are controlled through a Graphical User Interface (GUI) icon.

In addition, the Instant Retrieval Recorder has numerous special features; such as the ability to attach text documents to recordings, a security system, multiple playback (which allows the user to playback more than one recording at the same time), and real time audio monitor (which allows the user to listen to the last ten minutes of a recording in progress without being required to stop recording to be able to listen).

The Instant Retrieval window allows the user to immediately access the recordings. The Instant Retrieval window initially opens on the newest recordings, but allows access to any recordings on the system. The recording can also be saved to the .WAV file that the user specifies. This is useful if the user wants to save a specific recording to a CD or hard disk.

The product ships standard with a USB version HASP Key.

PC Requirements:

1. This program can run on either Windows XP (SP2 or later), Vista (SP1 or later), or Windows Server 2003 (SP1 or later), or Windows 7 - all dependant upon the version purchased (see below system releases supported). Motorola has certified this product cohabiting with MCC 5500 / MCC 7500 Dispatch consoles and Gold Elite Elite on Windows 2000 and XP. Motorola has certified this product cohabiting with MCC 7500 and Gold Elite on Vista for ASTRO 7.5. Gold Elite Operation on SmartZone 4.1, ASTRO 25 6.0 - 6.5. Motorola has certified the Instant Recall Recorder in the ASTRO release and it supports XP, Vista, or Windows 7 (release dependent).
2. A minimum of 500 MB of free hard disk space (2 GB free space recommended) to install the program and have some room for recording data files. If your are installing the program on a computer's hard drive but will be storing the data files on a file server or shared hard drive the disk space requirements are minimal.
3. Windows 2003 Server (SP1 or later) or Windows XP (SP3), Windows Vista Business (SP1 or later) or Windows 7
4. 1 GHz 32-bit or better processor
5. 512MB RAM - these are IRR only application requirements
6. Check workstation specifications for specific RAM requirements

Ordering Requirements

Ordering Instructions:

1. Motorola does not guarantee compatibility or performance of this software if it is not run on a Motorola certified PC.
2. To operate in the dual mode, a customer must have 2 **different** sound cards. When used on a workstation, one additional sound card is required as the on-board sound card is also used. On servers used as an "Op" position, two sound cards are required (a DDN6493 and DDN9494). Model DDN9331 contains one sound card (DDN9494) and the customer must have a second sound card (cannot be the same or there will be driver

conflicts) installed in their PC. Recommended is the DDN6493 Audigy SE sound card.

3. Only **ONE** (1) Software-Based Dual Instant Recall Recorder can be ordered per workstation.
4. One Operation/Installation manual is included with each Instant Recall Recorder ordered.
5. Can **not** have more than **TWO (2)** Channels **per** workstation. (One Software-Based, Dual Instant Recall Recorder per PC).
6. **Important:** The HASP protection key is very expensive to replace. Ensure that the customer is aware and that they take care not to misplace it.
7. If IRR is being used on Z400 workstations (or any workstation where only PCI-E card slots are available), then the DDN1895A should be ordered.

Upgrades:

1. If the customer upgrades their system and requires a **newer version of IRR software**, this can be obtained from Vito Giuliano in UOST. The free upgrade is only available if the IRR has been purchased within the last 12 months. If the IRR software was purchased more than one year ago then the appropriate upgrade (DDN7994, DDN9655, DDN1243) must be ordered.

Product specification sheers are available at the Literature Distribution Center under RC-110-2007.

Instant Recall Recorder For Use On MIP 5000 Release 4.0 or later, MCC 5500 Release 2.07 or later, Elite / MCC 7500 A7.14 or later systems.

Description	Nomenclature	APC	Price
DUAL IRR SW USB HASP WITH LICENSE (V46)	DDN1611	229	\$2,648.00
Kit includes software based Dual Instant Recall Recorder (IRR) CD, USB HASP protection key, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. If Dual IRR functionality is required a second sound card should be ordered - DDN1895 (SOUND BLASTER AUDIGY RX). If Dual IRR is required on a server, then a second sound card - DDN1895(SOUND BLASTER AUDIGY RX). must be ordered. Contact the product team for a suitable second sound card (required for server dual IRR functionality).			

Description	Nomenclature	APC	Price
DUAL IRR SW USB HASP W LICENSE, SOUND CARD, & SPKRS (V46)	DDN1612	229	\$2,935.00
Kit includes software based Dual Instant Recall Recorder (IRR) CD, USB HASP protection key, Sound Blaster Audigy RX sound card, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. In this configuration, the PC's on-board sound card is used in conjunction with the sound card included in this package. With servers if Dual IRR functionality is required, a second sound card must be ordered since servers do not ship with an on-board sound card. A pair of speakers is also included to hear the playback of audio from the telephone and radio lines.			

Instant Recall Recorder For Use On MIP 5000 Release 3.0 or later, MCC 5500 Release 2.06 or later, Elite / MCC 7500 A7.11 to A7.13 systems.

Description	Nomenclature	APC	Price
DUAL IRR SW USB HASP WITH LICENSE (VERSION 45)	DDN1245	229	\$2,648.00
Kit includes software based Dual Instant Recall Recorder (IRR) CD, USB HASP protection key, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. If Dual IRR functionality is required a second sound card should be ordered - DDN1895 (SOUND BLASTER AUDIGY RX). If Dual IRR is required on a server, then a second sound card - DDN1895(SOUND BLASTER AUDIGY RX). must be ordered.			

Description	Nomenclature	APC	Price
DUAL IRR SW USB HASP W LICENSE, SOUND CARD, & SPKRS (V45)	DDN1244	229	\$2,935.00

Kit includes software based Dual Instant Recall Recorder (IRR) CD, USB HASP protection key, Sound Blaster XFI Xtreme sound card, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. In this configuration, the PC's on-board sound card is used in conjunction with the sound card included in this package. With servers if Dual IRR functionality is required, sound card DDN6493 (Audigy SE) must be ordered since servers do not ship with an on-board sound card. A pair of speakers is also included to hear the playback of audio from the telephone and radio lines.

Instant Recall Recorder For Use On MIP 5000 Release 2.0, MCC 5500 Rel 2.05 or later, Elite / MCC 7500 A7.5 to A7.9 systems.

Description	Nomenclature	APC	Price
SW BASED DUAL IRR USB HASP WITH LICENSE FOR XP / VISTA	DDN9617	229	\$2,648.00

Kit includes software based Dual Instant Recall Recorder (IRR) CD (for XP or Vista), USB HASP protection key, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. If Dual IRR functionality is required a second sound card should be ordered - DDN1895 (SOUND BLASTER AUDIGY RX). If Dual IRR is required on a server, then a second sound card - DDN1895(SOUND BLASTER AUDIGY RX). must be ordered.

Description	Nomenclature	APC	Price
SW BASED DUAL IRR USB HASP, SOUND CARD & PC SPEAKERS FOR XP / VISTA	DDN9618	229	\$2,935.00

Kit includes software based Dual Instant Recall Recorder (IRR) CD, USB HASP protection key, Sound Blaster XFI Xtreme sound card, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. In this configuration, the PC's on-board sound card is used in conjunction with the sound card included in this package. With servers if Dual IRR functionality is required, sound card DDN6493 (Audigy SE) must be ordered since servers do not ship with an on-board sound card. A pair of speakers is also included to hear the playback of audio from the telephone and radio lines.

Instant Recall Recorder For Use On MCC 5500 Rel 2.04 or earlier, MIP5000 Release 1.0, and Gold Elite / MCC 7500 on A7.4 or earlier systems.

Description	Nomenclature	APC	Price
SOFTWARE BASED DUAL IRR USB HASP WITH LICENSE	DDN9332	229	\$2,648.00

Kit includes software based Dual Instant Recall Recorder (IRR) CD, USB HASP protection key, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. If Dual IRR functionality is required a second sound card should be ordered. With servers, sound card DDN6493 (Audigy SE) must be ordered since servers do not ship with an on-board sound card. If Dual IRR is required on a server, then a second sound card DDN9494 (XFI Xtreme) must be ordered.

Description	Nomenclature	APC	Price
SOFTWARE IRR SOUND CARD & PC SPEAKERS USB HASP	DDN9331	229	\$2,935.00

Kit includes software based Dual Instant Recall Recorder (IRR) CD, USB HASP protection key, Sound Blaster XFI Xtreme sound card, MIDI cable, telephone adapter and cable, audio patch cable for MCC 5500 and MCC 7500, hook switch cable, IRR sound cable to Centracom CIE, and Operation/Installation manual. Capable of recording 2 channels, both radio and telephone. In this configuration, the PC's on-board sound card is used in conjunction with the sound card included in this package. With servers if Dual IRR functionality is required,

sound card DDN6493 (Audigy SE) must be ordered since servers do not ship with an on-board sound card. A pair of speakers is also included to hear the playback of audio from the telephone and radio lines.

Software Upgrade:

Description	Nomenclature	APC	Price
IRR SOFTWARE UPGRADE TO V46 Model to be ordered if existing IRR software is out of the warranty (beyond 1 year) and needs to be upgraded. This model provides for IRR release -46. This can be used for Astro 25 7.14 or later. This is also the current supported version for MIP 5000 Release 4.0 and MCC5500 Release 2.07 or later. Purchase one of these for each PC running IRR that needs to be upgraded.	DDN1613	229	\$667.00
IRR SOFTWARE UPGRADE TO V -45 Model to be ordered if existing IRR software is out of the warranty (beyond 1 year) and needs to be upgraded. This model provides for IRR release -45. This can be used for Astro 25 7.11 - 7.13. This is also the current supported version for MIP 5000 Release 3.0 and MCC5500 Release 2.06 or later. Purchase one of these for each PC running IRR that needs to be upgraded.	DDN1243	229	\$667.00
INSTANT RECALL RECORDER (IRR) SOFTWARE UPGRADE V -40 Model to be ordered if existing IRR software is out of the warranty (beyond 1 year) and needs to be upgraded. This model provides for IRR release -40 SR1. This can be used for Astro 25 7.5 through 7.9. It is required for Astro 25 7.7 systems or later (XP no longer supported after 7.7 release). This is also the current supported version for MIP 5000 Release 2.0 and MCC5500 Release 2.05. Purchase one of these for each PC running IRR that needs to be upgraded.	DDN9655	229	\$667.00
INSTANT RECALL RECORDER (IRR) SOFTWARE UPGRADE Model to be ordered if existing IRR software is out of the warranty (beyond 1 year) and needs to be upgraded. This model provides for IRR release -30 SR2. This is the release used for Astro 25 7.2 & 7.4. It is used for the MIP 5000 Release 1.0 & MCC 5500 Release 2.04. Purchase one of these for each PC running IRR that needs to be upgraded.	DDN7994	229	\$666.00

Individual Items:

Description	Nomenclature	APC	Price
TELEPHONE ADAPTER Used with most telephone styles, provides a simple means of connecting your Computer Sound Card so that it can monitor both sides of all conversations that take place on the handset or headset of your telephone. Automatically starts recorder when handset is lifted.	DDN6489	229	\$242.00
CABLE FOR TELEPHONE ADAPTER Cable - RJ-11 to 1/8" mini plug. Allows connection from the Telephone Adapter to the PC.	DDN6490	229	\$85.00
HOOK SWITCH CABLE FOR MIDI PORT Used to send a signal that triggers the Instant Recall Recorder software to start recording when off hook condition is detected. The MIDI cable is used to link your computer to your radio equipment, through the MIDI port (Joystick) of your Sound Blaster Sound Card.	DDN6491	229	\$92.00
HOOK SWITCH CABLE FOR COM PORT Used to send a signal that triggers the IRR software to start recording when off hook condition is detected. The COM port cable is used to link your computer to your radio equipment, through one of the COM port located on every PC.	DDN6492	229	\$87.00
SOUND BLASTER AUDIGY RX SOUND CARD This audio card is selected when dual IRR functionality is required on a Z400 and z420 workstation.	DDN1895	229	\$123.00
IRR INSTALLATION / OPERATION MANUAL	DDN6494	229	\$108.00
6FT STEREO AUDIO PATCH CABLE 3.5MM	DDN7279	229	\$33.00
CREATIVE LABS INSPIRE A60 Creative Lab speakers includes 110V AC power supply.	CDN6673	708	\$46.00

Data Compiled 02-Feb-2015 using DUP and all prices in USD

HDL Plus Logging Recorder

SERVICES ARE NOT INCLUDED IN THE ECAT MODEL NUMBERS.

THESE NEED TO BE ORDERED SEPARAETLY FROM NICE.

General Information

HDL Plus is a state-of-the art High Density Capture Platform built on proven NICE technology used worldwide. HDL Plus provides a complete, reliable and robust solution for customer audio recording requirements. It is an innovative recording solution that allows public safety organizations to record conventional telephony and radio communications. HDL Plus has two hard drives, dual power supplies, dual DAT drives and Windows 2008 R1 Server O/S. HDL Plus provides a digital, multimedia recording platform with a wide range of scalable recording solutions. The recorder supports up to 216 input channels with analog/digital extensions. Larger single-box configurations are available with some design restrictions (contact NICE Systems for more details).

HDL Plus provides high performance, simultaneous record and play with archiving to local or remote media. The logger ships standard with RAID 1 and provides up to 48,000 channel hours of on-line storage or 34,000 hours when the RAID 5 option is selected. The logger also offers dual DAT drives for removable (off-line) archiving. For additional on0line storage, the Storage Center option can be added to the package to allow the customer to archive audio to an on-line network storage device (onsite or off-site).

NICE Inform / Inform Lite is not included in the HDL Plus bundles and must be ordered separately. See the NICE Inform price page for ordering instructions.

Client PC Requirements:

Minimum specification for the client (configuration and replay) PC:

Recommended Hardware Specification Windows

1. Windows 7 32 bit or 64 bit (for Inform or Inform Lite)
2. Minimum Audio only - Dual Core 2 GHz or higher or Audio and Video - Intel Core 2 Quad 2.4GHz recommended]
3. 2GB - audio only, 4GB recommended for audio and video
4. 100 Mb/s Ethernet network card
5. 10GB with 500MB free space
6. SoundBlaster or compatible sound card / [Audio and video - NVidia PX8400 GS 512MB]
7. DVD/CD-ROM drive required for installation
8. SXGA 1280 x 1024
9. Keyboard and mouse or other pointing device.
10. Loudspeaker or Headphone output

Ordering Requirements

Ordering Instructions:

1. Each logging recorder includes the following items: Mainframe Chassis, Windows 2008 R1 (32-bit), up to 48,000 hours of on-line storage, dual DAT archive devices, G.729A - 8 Kbps Compression Algorithm, Hot-swappable redundant power supply, on/off hook detection, DTMF detection (for analog telephony interface only), beep tone insertion for analog interface Loggers, Microsoft SQL-Server 2005 software + Microsoft SQL Client Access

License (CAL), User Manual CD.

2. Pricing includes first year warranty maintenance (Monday - Friday, 8 -5) (within Continental United States - call for quote outside this geography).
3. Warranty includes software patches and fixes. It does not include new versions or Anti Virus software
4. **Installation is ordered separately (Alaska, Hawaii, and International require additional fees - call for quote).** When ordered, a factory-trained and certified professional service representative will assist the end user in the implementation of their new recording solution if installation is within North America. Outside North America, Motorola is to supply the on-site installation resources and remote support for the installation will be provided by NICE Systems. NICE or a participating dealer installation technician will provide a short demonstration of the basic functions of the recorder system and the search and replay application. The demonstration is not intended to provide a thorough understanding of the operation of the system. Professional training for new customers will be quoted as part of the services proposal from NICE Systems. Professional training provides a full day of in-depth instructor led product training and Q&A for up to six customer personnel. Additional server (not included) required for running the ANI / ALI software and the NICE CLS and Microsoft SQL applications. See CLS server in the price list below.
5. Specify the number of conventional versus digital channels when the order is placed. HDL Plus interface is configured by type. The number of analog and/or digital inputs must be indicated.
6. NICE provides 8 x 5 technical phone support and NICE or its participating dealer provides M-F 9AM-5PM (local time) same day remote access support for Level A& B severity issues during the warranty period. If 24x7 support is required, please contact the Motorola CSM to obtain quotation. Support outside North America requires Motorola to provide on-site support. NICE Systems provides remote support and parts only.
7. For equipment being placed in a 19" two post rack, part number DQ11231119 can be ordered. This is a 2 post rack mount shelf. DDN9632 is a rack mount rail kit for a four post rack/cabinet.
8. If the HDL Plus logging recorder is being **integrated** with a trunked logging system, a CLS is **required**. It doesn't matter if the HDL Plus is on the same network as the trunked logging system, a separate CLS for each HDL Plus is required (TT2588A).

Description of Options bundled into the logging recorder model number.

ANI / ALI Annotation - Collect and annotate calls with pertinent telephone and location information.

CLS Software and Microsoft SQL Software: Provides the database for call data, the structure for the audio files and the connection between the audio files and the call data. Mandatory (exception below) for integrating an HDL Plus logging recorder with a MCC 7500 IP logging recorder solution. Also mandatory for adding a Storage Center network archiving solution.

Description of HDL Plus Optional Items.

RAID 1 Resiliency (ships standard): Provides a RAID Controller to the logger to configure the internal hard drives in a mirrored configuration. In the event of a single drive failure, the logger will likely remain operational with full availability to audio files. In this configuration, internal audio storage is reduced to 48,000 hours.

RAID 5 Resiliency: Adds a RAID Controller and a third drive to the logger to configure the internal hard drives with the third drive used for data redundancy. In the event of a single drive failure, the logger will likely remain operational with full availability to audio files. In this configuration, internal audio storage is reduced to 34,000 hours.

Activity Detection By External Trigger: Triggering recordings using call start/stop signaling from a 911 phone system such as Intrado/Positron or Cassidian. Each board can support up to 24 phone positions. This is utilized when the customer is drawing an analog feed for each telephone on the 911 system (i.e. not to be used for VoIP interfaces).

600 Ohms Impedance: Interface add-on for analog feeds using 600 Ohms. Each board can support up to 24 audio inputs.

MDC 1200 Interface: Provides call data (radio ID) for analog audio associated with an MDC1200. One needs to be ordered for each audio feed.

4-Wire Interface for Analog Feeds: For analog radio and telephone feeds that are 4-wire, order one of these for every 12 audio sources. Note that there are some configuration considerations with this feature. It is best to consult with NICE Systems prior to quoting.

CastleRock SNMP Management: Devices that reside on the Customer Enterprise Network (CEN), such as the HDL Plus, send SNMP traps as the methodology for communicating system alerts. CastleRock is an SNMP management application to receive, manage, and interpret these alerts. CastleRock can be configured to e-mail alerts. If the customer does not have an SNMP management application, CastleRock is highly recommended (or the customer will have no system alerts).

Description of HDL Plus Accessory Items

Dual Hot Swap AC Power Unit: The recorder may be run from a 100/250V AC power source and is a mains-only unit, comprising two separate PSUs each with its own AC connector and a monitor board. If one PSU fails, the other takes over. The recorder may be run from a 100/250V AC power input and has no DC capability.

Rail Kit for 4-Post Rack or Cabinet: To install an HDL Plus in a 4 post rack or cabinet, order this sliding rail kit for mounting. There is no mounting accessory for 2-post racks. The owner of the rack will need to supply a shelf.

17" Monitor, Mouse, Keyboard, and KVM Switch: Collapsible monitor and 16 port KVM with cables.

Storage Center Bundle: The Storage Center bundle provides the software and hardware to archive audio to a network server. The software will allow customers to manage the process (set up automated archive rules) for passing audio from the logger hard drives to the storage device. The server provides for 1.8TB of storage in a RAID 1 configuration. The server also has dual power supplies. Storage Center cannot be used with a HDL Plus logger that must reside on the RNI (Storage Center cannot be hardened).

Storage Center Software: A Storage Center solution for customers who want to provide the storage hardware server (ex. a city-owned SAN). This software will allow customers to manage the process (set up automated archive rules) for passing audio from the logger hard drives to the storage device. Storage Center cannot be used with a HDL Plus logger residing on the RNI (it cannot be hardened).

NetGear Ready NAS: An alternate storage solution to the HP server provided in the Storage Center Bundle described above. The NAS provides greater storage capacity at a lower cost but it is not as resilient as the HP server. The Netgear ReadyNAS has a replication feature. Using this feature in conjunction with a second NetGear ReadyNAS can provide a resilient solution. The Storage Center software described above must also be ordered. Storage Center cannot be used with a HDL Plus logger residing on the RNI (it cannot be hardened).

Additional Information on NICE products is available from NICE directly at their [ExtraNICE business partner portal](#). This site provides Motorolans with access to materials published by NICE on their applications, tools, and solutions. The materials include marketing collateral, manuals (user, installation, hardware, etc.), technical notes, FAQ's, and much more. Register at www.extranice.com.

Models

Description	Nomenclature	APC	Price
16 CHANNEL HDL PLUS RECORDER	TT2674	229	\$22,700.00
24 CHANNEL HDL PLUS RECORDER	TT2675	229	\$25,609.00
32 CHANNEL HDL PLUS RECORDER	TT2676	229	\$28,808.00
40 CHANNEL HDL PLUS RECORDER	TT2677	229	\$32,392.00
48 CHANNEL HDL PLUS RECORDER	TT2678	229	\$36,392.00
56 CHANNEL HDL PLUS RECORDER	TT2679	229	\$40,391.00
64 CHANNEL HDL PLUS RECORDER	TT2680	229	\$45,042.00
72 CHANNEL HDL PLUS RECORDER	TT2681	229	\$49,041.00
80 CHANNEL HDL PLUS RECORDER	TT2682	229	\$53,041.00
88 CHANNEL HDL PLUS RECORDER	TT2683	229	\$57,042.00

96 CHANNEL HDL PLUS RECORDER	TT2684	229	\$61,741.00
120 CHANNEL HDL PLUS RECORDER	TT2685	229	\$73,741.00
144 CHANNEL HDL PLUS RECORDER	TT2686	229	\$86,541.00
168 CHANNEL HDL PLUS RECORDER	TT2687	229	\$99,541.00
192 CHANNEL HDL PLUS RECORDER	TT2688	229	\$110,732.00
216 CHANNEL HDL PLUS RECORDER	TT2689	229	\$124,414.00
CLS SERVER	TT2694	229	\$17,752.00

Options

Online Audio Storage

Description	Nomenclature	APC	Price
ADD: UPGRADE TO RAID 5 - 34,000 HOURS ONLINE STORAGE	TT05701AA	229	\$4,000.00

Accessories

MANDATORY - One or more of these four accessory items must be ordered.

Based on the channel size of the recorder selected, select the quantity of \$0.00 items below equal to the channel count of the recorder.

Description	Nomenclature	APC	Price
8 CHANNELS ANALOG INTERFACE	DDN1707	229	\$0.00
8 CHANNELS DIGITAL INTERFACE - AVAYA	DDN1708	229	\$0.00
8 CHANNELS DIGITAL INTERFACE - NORTEL	DDN1709	229	\$0.00
SUMMED E1 TRUNK (SINGLE E1 TRUNK - 30 INPUT CHANNELS)	DDN1710	229	\$0.00

Miscellaneous

Description	Nomenclature	APC	Price
Z420 LOW TIER WORKSTATION WINDOWS 7	TT2538	708	\$2,550.00
<small>Provides a HP Z420 computer with the Windows 7 (64 bit) operating system, a keyboard and a mouse. Does not include a monitor or any application software. Not compatible with GPIOM based MCC 7500 consoles (it doesn't have enough PCI slots and doesn't support Vista or XP O/Ss).Does not support Hardware Encrypt Key Mgmt on MCC 7100.</small>			
ACTIVITY DETECTION BY EXTERNAL TRIGGER (SQUELCH) (PER 24 INPUTS)	DDN1705	229	\$2,000.00
600 OHM IMPEDANCE ON ANALOG INPUTS (PER 24 INPUTS)	DDN1706	229	\$100.00
SUPPORT FOR MDC1200 PER CHANNEL	DDN1711	229	\$300.00
SNMP MANAGEMENT APPLICATION	DDN7532	229	\$2,400.00
17" LCD DRAWER W/ KEYBOARD & MOUSE, KVM 16 PORTS, CABLES	DDN8325	229	\$6,500.00
19 INCH BLACK SHELF	DDN9748	207	\$249.00
<small>Black shelf for use with a 19" 2 post rack</small>			

CREATIVE LABS INSPIRE A60	CDN6673	708	\$46.00
Creative Lab speakers includes 110V AC power supply.			

NiceStorage Center

NiceStorage Center solutions listed below are for single logger applications only. If more than one logger will be used in a single network with NiceStorage Center, call for quote.

Description	Nomenclature	APC	Price
NICE STORAGE CENTER SW AND SERVER - RAID 1 , 1.8 TB OF STORAGE	TT2693	229	\$22,600.00
STORAGE CENTER - BASIC SERVER SW	DDN1703	229	\$3,658.00
NETGEAR READYNAS 2120 8TB WITH RAID CONTROLLER, SINGLE POWER SUPPLY	DDN1704	229	\$9,700.00

End User Licenses and Applications

See NICE Inform price page for replay licenses.

Data Compiled 02-Feb-2015 using DUP and all prices in USD

MCC 7500 IP Logging Recorder

SERVICES ARE NO LONGER INCLUDED IN ECAT MODEL NUMBERS

General Information

SERVICES ARE NO LONGER INCLUDED IN THE MODELS BELOW.

NICE MUST QUOTE ALL SERVICES INCLUDING TRAINING, PM, AND INSTALLATION.

The MCC 7500 IP Logging Recorder provides audio call recording and archiving for ASTRO 25 radio systems. It is the only certified, tested, and supported solution that Motorola sells for ASTRO 25 recording. Jointly developed with NICE Systems, the MCC 7500 IP Logging Recorder has been tested and certified with the MCC 7500 console in every Motorola ASTRO 7.x system release. An innovative recording solution that allows public safety organizations to record their radio system communications, it utilizes a Xeon Intel 6 Core Processor with logical drives in a RAID 1 array configuration providing up to 75,000 on-line channel hours of storage, dual DAT160 drives for audio, a single DAT160 drive for CLS, 6 hot plug redundant fans, dual redundant power supplies, two HP 1U SCSI rack mount kits, and Windows Server 2008 R2 (starting with the A7.13 release). The 10 simultaneous call recorder is scalable with the ability to add capacity with the purchase of additional call licenses.

The MCC 7500 IP Logging Recorder works in conjunction with an Archiving Interface Server (AIS) utilizing an API that allows the recording system to specify which talkgroups and conventional channels will be recorded. Because this API allows call control data to be passed to the recorder system, Motorola's recording solution provides unique capabilities. Customers have the ability to:

- See a call originator's unit ID and/or alias
- See the type of call initiated - talkgroup, emergency, conventional
- See when certain radio events occurred - emergency acknowledgement/knockdown, changes in frequency or PL selection, etc.

The following types of radio system calls are capable of being processed via the AIS and recorded on the logging recorder:

- Conventional PTT Call
- Trunked Talkgroup Call
- Trunking Announcement Group Call
- Trunking Emergency Call

The following types of trunking radio system events are capable of being processed via the AIS and recorded on the logging recorder:

- Call Alert
- Emergency Alarm
- Emergency Acknowledge
- Emergency Knockdown
- Repeater On/Off
- Main/Alt Status

The following types of conventional radio system events are capable of being processed via the AIS and recorded on the logging recorder:

- Frequency Selection
- Private Line (PL) Selection
- Mute Second Receiver
- Repeater On/Off
- Wildcard I
- Wildcard II

Recorders now come in the following capacities:

- 10 simultaneous transmissions (upgradeable up to 120 simultaneous transmissions)
- 120 simultaneous transmissions

The recorder's capacity for recording simultaneous calls is scalable and can be tailored to suit the customer's needs. An option is available which allows the recorder to increase capacities by steps of 10 up to a limit of 120 simultaneous transmissions. The simultaneous transmissions capacity of a recorder includes all the trunked talkgroups and conventional channels being recorded via the AIS. Due to the different vocoders used with trunked and conventional audio, the following equation should be used to determine the size of the recorder required to meet a particular customer's needs.

- $1.7 \times (\# \text{ of simultaneous conventional calls}) + (\# \text{ of simultaneous trunked calls}) = \text{required simultaneous call capacity}$

Factors to consider when sizing an MCC 7500 IP Logging Recorder.

For customers that use regrouping, there are nuances to consider when sizing the recorder's capacity. The below highlights scenarios that could be encountered. It is best to discuss with the customer how they use these features and the impact their usage patterns might have on the recorders size requirements.

Regrouping's Impact on Call Licenses in the Recorder

- A dispatcher has a patch set up with "N" regroupable trunking talkgroups in it. The dispatcher is transmitting on the patch. This results in N calls being logged on the logging recorder which consume N of the licenses. While the dispatcher is transmitting on the patch, a radio begins transmitting on one of the talkgroups in the patch. This results in an additional N calls being logged on the logging recorder which consume an additional N of the licenses. The end result is 2 x N licenses are consumed by this scenario.
- A dispatcher has a multiselect group open with N regroupable trunking talkgroups in it. The dispatcher is transmitting on the multiselect. This results in N calls being logged on the logging recorder which consume N of the licenses. While the dispatcher is transmitting on the multiselect, a radio begins transmitting on one of the talkgroups in the multiselect. This results in an additional N calls being logged on the logging recorder which consume an additional N of the licenses. The end result is 2 x N licenses are consumed in this scenario.

Audio and events which have been recorded are accessed through the NICE Scenario Replay application (pre-A7.12) and/or Inform Lite (A7.11 and beyond). Inform Lite is a state-of-the-art multiple channel search and replay tool and is configurable to meet specific customer needs.

The NICE logging recorders and playback stations are configured and managed by a common administration application. This application can be run on a playback station PC or on a dedicated PC.

System Requirements:

1. Motorola Archiving Interface Server (AIS)

Client PC Requirements:

Minimum specification for the client (configuration and replay) PC:

Recommended Hardware Specification Windows 7

1. Audio only - Dual Core 2 GHz or higher or Audio and Video - Intel Core 2 Quad 2.4GHz recommended
2. 1GB - audio only, 2GB with 4GB recommended for audio and video
3. 100 Mb/s Ethernet network card
4. 10GB hard disk space to support local call cache
5. SoundBlaster or compatible sound card / [Audio and video - NVidia PX8400 GS 512MB]
6. DVD/CD-ROM drive required for installation
7. 1024 x 768 16bit color display / [SXGA 1280 x 1024]
8. Keyboard and mouse or other pointing device.
9. Loudspeaker or Headphone output

Software Specification

1. Supports the OS platforms:
 - a. Windows 7 32 bit or 64 bit
 - b. Note - Scenario Replay supports only Windows 32 bit, while Inform / Inform Lite support Windows 7 32 bit and 64 bit
2. The user must have Administration privileges at Install time
3. Direct X 9.0
4. MSXML 4.0
5. Internet Explorer 6 Service Pack 1 or later

Inform Lite supports the following capacities. If greater capacity is required the full version of Inform is required (see Inform price page).

- Maximum of 5 concurrent user licenses (total of both Reconstruction and Monitor)
- Maximum of up to 608 recording resources (a resource is defined as a Talk Group, a Conventional Radio Channel and/or a recording channel in an analog/digital logger)
- Inform Lite can interface to a maximum of 4 databases. These databases can be a logger or a Master/Primary Inform Server (e.g. 4 loggers or 3 loggers and an Inform server)
- Inform Lite does not support the Organizer Application and its associated Applications (Authentication and Inform Media Player)
- Inform Lite only supports audio recording. It does not support other media recordings such as video, CAD screens, Mapping screens, etc.
- Inform Lite requires Windows 7

Ordering Requirements

The MCC 7500 IP Logging Recorder solution requires a Motorola Archiving Interface Server (AIS). The AIS model numbers can be found in **ECAT** under **Dispatch Solutions** in the **Motorola MCC 7500 Products folder**. MCC 7500 consoles require an MCC 7500 IP logging recorder. Starting in the A7.11 system release, the NICE Inform Lite product now ships standard with the MCC 7500 IP logging recorders.

Key Information & Ordering Instructions:**MCC 7500 IP Logging Recorder Package & Required/Recommended Items**

1. Each MCC 7500 IP Logging Recorder includes the following items: DL360 G8 server (A7.13 or later releases), two HP StorageWorks Rack Mount kits, Mounting Rails Kit (4 Post), one Inform Lite Concurrent User License (in A7.11 or later), Radio System AIS Client Software, Internal Storage (up to 75,000 Channel Hours), Dual DAT160 Tape Drives (Dual DVD-RAM Drives shipped prior to Q4 2009), DAT160 Tape Drive (CLS/database archiving), Software (Administrator, and Supervisor License - one each). All specifications are subject to change.
2. Anti-virus software should be ordered separately (see Network Security Price Page). NICE will assist with the initial installation of the software. The customer is responsible for keeping the antivirus software current.
3. An Uninterruptible Power Supply (UPS) is strongly recommended for use in any logging recorder installation. These are not supplied as part of the logging solution and are expected to be supplied by the customer.
4. Windows Supplemental Configuration - A selection is **REQUIRED** for any logging recorders used on **ASTRO 25 7.4** systems or later. Either T7448A or T7449A is required to be ordered for every box - one for each logging recorder, replay station, etc.
5. One AIS is required for each ASTRO 25 IP Digital Logging Recorder used on the system. Consult AIS price pages for a description and ordering information.

Redundant models ordering criteria that must be met when these models are ordered

1. The logging recorders must record in parallel (i.e. record exactly the same audio)
2. In a parallel recording system you must have **TWO** AIS and VPM. There is a one-to-one relationship between the logging recorder and the AIS / VPM.
3. The logging recorders must be in the same physical building
4. The logging recorders must be installed at the same time (a return visit for the configuration of either recorder will require additional installation fees)
5. When purchasing redundant recorders at least one of the Inform additional database (DDN1112) is ordered to allow Inform Lite access to both recorders. A second one is required if there are three recorders that you require access to. Inform Lite can support a maximum of 4 database licenses total. To integrate more than three devices, the system has to be upgraded to the full Inform application.

Warranty & Support

1. Pricing includes first year **SILVER** warranty maintenance (Monday - Friday, 8 -5) (Except International).
2. NICE provides 8x5 technical phone support and NICE or its participating dealer provides M-F 9AM-5PM (local time) same day remote access support for Level A & B severity issues during the warranty period.
3. NICE requires remote access to meet published SLA. Without remote access support may be delayed.
4. **If 24x7 support is required, please contact the field CSM for a quotation.**

Inform

1. ASTRO 7.13 or later releases require Inform R5.1 or Inform Lite R4.0.5713.

Installation

1. **IMPORTANT - NICE Services must be ordered separately. NICE will provide a cost quotation to the field that can be margined up and quoted to the customer. There are no services included in ECAT models. Installation (both at CCSi and in the field, PM services, and training must all be ordered separately.**
2. **IMPORTANT - In the field commissioning of the logging equipment: The Motorola field PM needs to contact NICE to schedule final commissioning of the logging recorder equipment.** Please contact Michael Tartaglia at NICE at Michael.Tartaglia@NICE.com to schedule a final installation. Please note that scheduling for NICE at CCSi or in the field is 8-10 weeks lead-time.
3. Pricing Includes Installation in Domestic United States (**Alaska, Hawaii, and International require additional service quotation**): A factory-trained and certified professional service representative will assist the end user in the implementation of their new recording solution. NICE or a participating dealer installation technician will provide a short demonstration of the basic functions of the recorder system and the search and replay application. The demonstration is not intended to provide a thorough understanding of the operation of the system. Professional training for new customers will be quoted as part of the services proposal from NICE Systems. Professional training provides a full day of in-depth instructor led product training and Q&A for up to six customer personnel. Additional operator, administrative, and technical training is available for added cost (Except International). (Monday-Friday, 8-5 - US orders only)
4. Software Installation per workstation charges are only required for those additional Scenario Replay licenses purchased above and beyond those included in the package (1 license with the 30 simultaneous call recorder or

3 licenses with the 120 simultaneous call recorder). Software installation should not be required for Inform Lite as it is a browser based replay application.

Upgrades & Telephony Integration

1. UPGRADES - The MCC 7500 IP Logging Recorder requires upgrades with each system release. Please contact the UO PM working on the system releases. A quotation will be required for the upgrade - the quote includes pricing for NICE software and on-site technical installation. The logging recorder upgrade should take place immediately **after** the system upgrade. A document outlining the requirements can be found at the Compass site below.
2. **"Integration"** with existing telephony (analog) recorders. If a customer requires the ability to access both a telephony (analog) recorder(s) and a MCC 7500 IP recorder(s) from one replay station then the sales team must work with the field engineering team on the design. An integration document is available at the Compass site below that provides guidance for designing an integrated MCC 7500 IP and telephony/analog logging recorder system. The NICE implementation engineer will configure the logging recorders, but it will be the responsibility of the Motorola field team to "integrate" the system (configure and design border router, firewall settings, etc). For the NiceLog and HDL Plus recorders, integrating these with a trunked system requires a separate CLS server. and should be quoted by sales. All other logging recorders (NiceCall Focus III NPX, and NRX) have CLS integrated in the box. The CLS server is part number TT2588A.
3. ML370 G4 servers are supported through ASTRO 25 release 7.9. They require a minimum of 2GB of RAM for A7.9 which is supplied by NICE. **The ML370 G4 servers WILL NOT be supported beyond the A7.9 release. The ML370 G5 servers WILL NOT be supported beyond the A7.11 release. Note that the ML370 G5 DVD-RAM drives are not supported in A7.12 / A7.13 release due to driver issues. It is also important to note that HP support for the ML370 G4 servers has ended and the ML370 G5 servers have an end of support the Q3 2014 so it is necessary that the servers are replaced prior to this date.**

General Notes

1. The MCC 7500 IP logging recorder and AIS are certified in Motorola's System Integration & Test (SIT) as part of the system release. The integrated telephony solutions are not certified in ASTRO 25 releases.
2. The MCC 7500 IP Logging Recorder being used with the AIS is not capable of supporting other types of recording interfaces (PBX, T1/E1, analog line, etc.). Separate recorders must be used for anything that isn't coming through the AIS (e.g., recording telephony audio from a PBX or recording analog audio directly from its source). Please see ordering instruction # 2 in Upgrades & Telephony Integration section for incorporating a telephony/analog recorder with an MCC 7500 IP logging recorder.
3. Due to the size of the IP logging recorder, some customers may desire a cabinet for racking of the equipment. If mounting in a 2 post rack, part number DDN9748A can be ordered. This is a black shelf for a 19" 2 post rack.
4. NICE Storage Center is not currently certified for use on Motorola ASTRO 7.x systems.
5. A KVM is strongly recommended as a keyboard, mouse, and monitor are required for both installation and administration of the system.
6. The MCC 7500 IP Logging Recorder has no Motopatch support in the ASTRO 25 7.12 release. This restriction is limited to the A7.12 release.
7. **Customer retention requirements must be shared with NICE for the MCC 7500 IP logging recorder and / or telephony logging solutions. Retention requirements dictate how the database is configured within the logging system during installation. If a change in retention requirements is required after initial installation, the configuration change could impact recording and / or result in a loss of audio.**

For technical information on the ASTRO 25 IP Digital Logging Recorder subsystem feature please reference the MCC 7500 System Planner.

Additional Information on NICE products is available from NICE directly at their [ExtraNICE business partner portal](#). This site provides Motorolans with access to materials published by NICE on their applications, tools, and solutions. The materials include marketing collateral, manuals (user, installation, hardware, etc.), technical notes, FAQ's, and much more. Register at www.extranice.com.

NICE Documentation is available at the following Compass site:

<http://compass.mot-solutions.com/go/325784275>

Models

SERVICES ARE NO LONGER INCLUDED IN ANY RECORDER ECAT MODEL NUMBERS

Description	Nomenclature	APC	Price
10 SIMUL CALL MCC 7500 IP RECORDER This MCC 7500 IP logging recorder bundle does not include services.	TT2668	229	\$39,715.00
120 SIMUL CALL MCC 7500 IP RECORDER This MCC 7500 IP logging recorder bundle does not include services.	TT2669	229	\$98,259.00

Options - Redundant Recorder

See ordering requirements above for the stipulations associated with the redundant models.

Description	Nomenclature	APC	Price
ADD: 10 SIMULTANEOUS CALL REDUNDANT MCC 7500 IP LOGGING RECORDER For use with TT2668. Important note, the redundant recorder must be configured with the same capacity as the TT2668. Also, it must be located at the same physical location as the primary recorder, must be installed at the same time, and recorder the same resources.	TT05782AA	229	\$20,650.00
ADD: 120 SIMULTANEOUS CALL REDUNDANT MCC 7500 IP LOGGING RECORDER For use with TT2669. The redundant recorder option must be located at the same physical location as the primary recorder, must be installed at the same time, and record the same resources.	TT05783AA	229	\$33,762.00

Options - System & Additional Capacity

Select System

Description	Nomenclature	APC	Price
ADD: IP LOGGING RECORDER FOR USE ON 7.7 SYSTEMS	TT05229AA	229	\$0.00
ADD: IP LOGGING RECORDER FOR USE ON 7.9 SYSTEMS	TT05231AA	229	\$0.00
ADD: IP LOGGING RECORDER FOR USE ON 7.11 SYSTEMS	TT05599AA	229	\$0.00
ADD: IP LOGGING RECORDER FOR USE ON 7.13 SYSTEMS	TT05601AA	229	\$0.00
ADD: IP LOGGING RECORDER FOR USE ON 7.14 SYSTEMS	TT05717AA	229	\$0.00
ADD: IP LOGGING RECORDER FOR USE ON 7.15 SYSTEMS	TT05718AA	229	\$0.00

Additional License Capacity (for Single and Redundant Recorders)

Description	Nomenclature	APC	Price
ADD: 10 SIMULTANEOUS CALL CAPACITY For use with TT2668. Maximum of 11 can be ordered per TT2668.	TT05784AA	229	\$8,500.00
ADD: 10 SIMULTANEOUS CALL CAPACITY FOR REDUNDANT RECORDER For use with TT05782AA. Maximum of 11 can be ordered per TT05782AA. Important note, the redundant recorder must have the same capacity as the primary recorder. The TT05785AA quantity should match the quantity of TT05784AA ordered.	TT05785AA	229	\$1,500.00

Server Model Upgrade

See ordering requirements above, this model is required for customers currently using ML370 G4 servers that migrate to A7.11 or later releases. The model below does not include services.

Description	Nomenclature	APC	Price
ML370 G4 SERVER UPG HARDWARE	TT2389	229	\$29,682.00

Accessories

Windows Supplemental Configuration (Required on Astro 25 7.4 or Later Systems)

Description	Nomenclature	APC	Price
WINDOWS SUPPLEMENTAL FULL CONFIG	T7448	877	\$50.00
WINDOWS SUPPLEMENTAL TRANS CONFIG	T7449	877	\$50.00

MCC 7500 IP Logging Recorder Additional Capacity

Description	Nomenclature	APC	Price
ADD 10 SIMULTANEOUS CALL CAPACITY	DDN1712	229	\$8,500.00

Spares

Description	Nomenclature	APC	Price
MCC 7500 IP LOGGING RECORDER DL360 G8 SPARES	DDN1688	229	\$8,500.00
MCC 7500 IP LOGGING RECORDER DL360 G7 SPARES	DDN1689	229	\$8,500.00

Miscellaneous

Description	Nomenclature	APC	Price
Z420 LOW TIER WORKSTATION WINDOWS 7 Provides a HP Z420 computer with the Windows 7 (64 bit) operating system, a keyboard and a mouse. Does not include a monitor or any application software. Not compatible with GPIOM based MCC 7500 consoles (it doesn't have enough PCI slots and doesn't support Vista or XP O/Ss).Does not support Hardware Encrypt Key Mgmt on MCC 7100.	TT2538	708	\$2,550.00
17" LCD DRAWER W/ KEYBOARD & MOUSE, KVM 16 PORTS, CABLES	DDN8325	229	\$6,500.00
19 INCH BLACK SHELF Black shelf for use with a 19" 2 post rack	DDN9748	207	\$249.00
CREATIVE LABS INSPIRE A60 Creative Lab speakers includes 110V AC power supply.	CDN6673	708	\$46.00

End User Licenses and Applications

(see Inform price page for more information and license options)

ADDL INFORM MONITOR CONCUR USER LIC	DDN9695	229	\$1,898.00
ADDING SECOND LOGGER/DATABASE TO INFORM LITE ACCESS	DDN1696	229	\$4,000.00

Data Compiled 02-Feb-2015 using DUP and all prices in USD

NICE Inform Release R6.1

SERVICES ARE NO LONGER INCLUDED IN ECAT MODELS. THESE ARE QUOTED SEPARATELY AND ORDERED SEPARATELY.

ASTRO Release 7.13 or later releases require Inform R5.1 or later versions.

NICE Inform is a full-spectrum incident information management solution that captures, consolidates, manages, and analyzes incident information from multimedia sources for faster incident reconstruction, greater insight and improved response. NICE Inform is a browser-based application suite for Public Safety organizations that pieces together incidents in a highly visual and intuitive way; all laid out in a time sequence on a graphical display. It is a modular suite of applications comprised of:

Reconstruction module - Search / Playback / Save functionality for quick multimedia and multi-source search and incident recreation for investigation purposes.

Organizer module - Organize and manage audio files as well as other media files (such as photos, video, etc.) in a secure folder. Also provides digital authentication of files and a Media Player for exporting recordings in a secure manner to third parties.

Monitor module - for Supervisor visibility to real-time communications in the call center.

Administrator applications - includes system administrator, user administration, and audit applications.

NICE Inform provides for:

- Streamlining of investigations
- Improving interoperability within and between agencies by facilitating secure on-line information sharing
- Automation and simplicity of incident management process
- Secure and tamper-proof infrastructure for sensitive evidence
- Improved services to the public

Reconstruction Application

NICE Inform Reconstruction application is the main search and playback tool in NICE Inform. The Reconstruction application enables searches for recordings stored on various NICE logging recorders, then plays them back as a complete scenario or as a single recording channel. When a search is completed, the results are presented in both a table format and a graphical timeline format. NICE Inform is 'layered on top' of the NICE recording capture devices and views them as one logical system. The application is similar to the Scenario Replay application that shipped with the NiceLog, NiceCall Focus III, and MCC 7500 IP logging recorders in the past.

Organizer Application

Organizer is an incident management application that provides the ability to manage incident information. It works independently from the recording platform, providing the ability to collect and organize materials related to an incident. All material can be 'Authenticated' to verify that copies of the recording and digital material are true, unaltered copies of the original.

Distribution can be done in a variety of ways, such as by saving the calls into one or more ".wav" files, to an audio cassette recorder, DVD, email, etc. as well as by sharing specific incident folder on-line with users that have access to the NICE Inform server. All actions in the incident preparation, modification, or distribution are tagged with unique file numbers, incident numbers, and other reference information for historical tracking and quick lookup.

An optional item within Organizer is the Inform Media Player. It allows Users to attach the Inform Reconstruction Player and CODEC with a copied audio file. This allows Users to present audio to recipients that are not connected to the recording solution in a compressed and encoded (secure) format. The recorded copy will also retain other features of Inform such as the time/date stamp and the spoken date and time. Recipients will also be able to view the audio files in the graphic time-line format in Inform Reconstruction.

Monitor Application

A multi-channel audio live monitor application used by Supervisors allowing visibility in real-time of the communications managed by the call takers, dispatchers, or both. The Monitor application also allows for recent call replay so supervisors can verify the details of specific interaction.

System Administration

The Inform system administration application enables administrators to install and set up the physical NICE Inform servers and to add labels to the various system entities. The principal activities involved with system administration include:

Privileges:

- Creation, editing, and deletion of recording systems
- Importing and exporting resources from or to a file
- Importing and exporting resources from or to a system

User Administration:

- Set up system-wide and user-by-user security for Inform
- Creation, editing, and deletion of user and group accounts

Audit Application

Enables the user to view and manage the Audit events raised within the Inform system. These are events related to any kind of user interaction with the system including login/logout, tasks, etc.

Client Applications

The client application runs on a PC and provides the interface to the user. The applications communicate with the Inform server, providing a single communication link between the user application and the system.

NICE Inform Server

As a .NET application, Inform delivers applications to users via a server. Users log into a server via Internet Explorer at the desktop. The Inform server requires appropriate MS SQL licensing.

Inform Matrix Server

Inform R4.0 or later provides an optional server matrix that sets up Inform servers as "hubs" and "pointers". The "pointer" servers can access and leverage the database and licensing of a "hub" server. In a multi-site, multi-org solution, this provides a couple of important advantages over Inform R3. It reduces channel license costs because the pointer server can use the channel licensing in the hub server. For example, if a hub server is licensed for 2 IP Radio Loggers, the pointer server does not require those licenses.

It also makes Inform more efficient on the network. Pointer servers can manage the search/playback process for local loggers and the hub servers it is connect to. This puts an end to audio playback from a local logger having to go all the way to the primary Inform server and then back again to the local user. Using the Inform R4 server matrix accessing the local loggers remains local and does not require use of the WAN. In addition, local users have more admin and access control over the local loggers they own.

Inform Lite

Inform Lite is a limited license (scaled down) version of Inform Application Suite. It is different from Inform in that it is restricted in some of its functionality and scale in terms of the number of users and recording resources that are supported. It is intended to be a lower cost installation for customers with a limited number of users, recording resources, and feature requirements. The Inform Lite product allows customers to upgrade to the full Inform Application Suite at any time.

Inform Lite offers customers access to the following Inform Applications:

- Reconstruction
- Monitor
- System Administration with Audit Trail

Inform Lite will ship standard in the A7.11 and higher releases. It provides the following benefits over the Scenario Replay (previous generation) reconstruction software:

- Inform Lite replay clients are browser based (can be loaded on multiple PC's without individual user licenses)
- Inform Lite uses concurrent licenses
- Inform supports NAT protocols (provides flexibility in replay where logging spans the RNI-CEN networks)
- Inform Lite can stream audio whereas Scenario Replay loads a file completely before playback (slowing replay)

Inform Lite has the following restrictions / limitations:

- Maximum of 5 concurrent user licenses (total of both Reconstruction and Monitor)
- Maximum of up to 608 recording resources (a resource is defined as a Talk Group, a Conventional Radio Channel and/or a recording channel in an analog/digital logger)
- Inform Lite can interface to a maximum of 4 databases. These databases can be a logger or a Master/Primary Inform Server (e.g. 4 loggers or 3 loggers and an Inform server)
- Inform Lite does not support the Organizer Application and its associated Applications (Authentication and Inform Media Player)
- Inform Lite only supports audio recording. It does not support other media recordings such as video, CAD screens, Mapping screens, etc.
- Inform Lite requires Windows 7

Inform Lite does not require a dedicated server. It can run on equipment already provided in the recording solution. Hardware options include:

- NICE NRX recorder
- The NICE CLS Server (associated with the NiceLog recorder)
- The Storage Center server
- A dedicated PC workstation
- Inform Lite cannot be loaded on the MCC 7500 IP logging recorder

When faced with a choice between devices, determining the best choice is based on several factors. Consult a NICE Systems Inc. solution engineer or BDM to ensure that the recorder can support Inform Lite.

Ordering Requirements

Ordering Instructions For Inform Lite Application:

Required Upgrade with ASTRO 25 release 7.13. NICE Inform release R5.1 or later is required with A7.13 system release. Please contact NICE for a quotation.

The Inform Lite Bundle for an MCC 7500 IP Logging Recorder

The Inform Lite software bundle includes everything required to deliver a basic turnkey Inform solution (with the exception of Professional Training). This includes a single concurrent User License for Reconstruction and Monitor (System Admin does not have a separate license).

The Inform Lite software bundle includes the following:

- 1 x NICE Inform Reconstruction Concurrent User License
- 1 x NICE Inform Monitor Concurrent User License
- SQL CAL licenses
- First Year Warranty (Monday through Friday, 8am to 5pm local)
- User Manual CD

⚠ Inform Lite DOES NOT include Professional User Training. NICE or a participating dealer installation technician will provide a short demonstration of the basic functions of the search and replay application. The demonstration is not intended to provide a thorough understanding of the operation of the system. Professional training for new customers will be quoted as part of the services proposal from NICE Systems. Professional training provides a full day of in-depth instructor led product training and Q&A for up to six customer personnel.

Inform Lite does not require a dedicated server. It can run on equipment already provided in the recording solution. Hardware options include:

- The NRX recorder
- The NICE CLS Server (associated with the NiceLog recorder)
- The Storage Center server
- A dedicated PC workstation
- Inform Lite cannot be loaded on the MCC 7500 IP logging recorder

The NRX and / or HDL Plus Telephone Recorders

Unlike the MCC 7500 IP Logging Recorder, Inform Lite is not bundled with the NRX or HDL Plus. Inform Lite or full Inform must be ordered as a separate line item.

Ordering Instructions for Inform Lite Application:

Inform Lite supports the following capacities:

1. Maximum of 5 concurrent user licenses (total of both Reconstruction and Monitor)
2. Maximum of up to 352 recording resources (a resource is defined as a Talk Group, a Conventional Radio Channel and/or a recording channel in an analog/digital logger)
3. Inform Lite can interface to a maximum of 3 databases. These databases can be a logger or a Master/Primary Inform Server (e.g. 3 loggers or 2 loggers and an Inform server)
 1. If a second and/or third database is to be accessed via the Inform Lite application, order DDN1112 for each additional database to be added. A max of 2 additional database licenses can be ordered (for a total/maximum of 3). If redundant recorders are ordered, at least one DDN1112 must be ordered.
4. Inform Lite does not support the Organizer Application and its associated Applications (Authentication and Inform Media Player)
5. Inform Lite only supports audio recording. It does not support other media recordings such as video, CAD screens, Mapping screens, etc.

6. Inform Lite requires Windows 7
7. Optional: Professional User Training. Highly recommended with the Inform Lite application. Training can be ordered through the Tigers system. Different professional training on-site at the customer location are available. Contact NICE for a quotation.
8. If capacities beyond the Inform Lite limits is required, please order the high capacity Inform bundle.

- General Ordering Guidelines and Information

1. Pricing includes first year **SILVER** warranty maintenance (Monday - Friday, 8 -5) (Except International) - **if 24x7 SUPPORT is required, please contact the Motorola field CSM for a quotation.**
2. Anti-Virus should be ordered separately. The customer is responsible for keeping the antivirus software and Microsoft patches current. A list of approved patches and antivirus software are available at the NICE www.Extranice.com website for telephony equipment residing on the customer enterprise network (CEN).
3. An Uninterruptible Power Supply (UPS) is strongly recommended for use in any logging recorder/Inform installation. These are not supplied as part of the logging solution and are expected to be supplied by the customer.

SERVICES ARE REQUIRED, BUT NOT INCLUDED IN ECAT MODELS ON THIS PAGE.

1. Pricing does NOT include a Remote Project Manager. Call NICE Systems for a services quote. If you do not know your NICE Systems sales rep, please contact David.Gutteridge, NICE Systems, 416-729-2626 or David.Gutteridge@NICE.com.
2. Pricing does not include installation. This must be quoted separately by NICE and ordered by the field team. When ordered, a factory-trained and certified professional service representative will perform the implementation. Pricing includes installation in Domestic United States and most Canadian Cities (**Alaska, Hawaii, remote regions of Canada and International require additional service quotation from NICE, please contact David Gutteridge @ NICE Systems, 416-729-2626 or David.Gutteridge@NICE.com**).
3. Pricing does not include on-site training. Training is highly recommended to ensure customer satisfaction with using the product. NICE will quote training and the pricing will include all travel expenses within the continental United States and most cities in Canada. Included with Inform is only a basic tutorial of the Inform Lite application by the installation technician.
4. **IMPORTANT: The Motorola field PM needs to contact NICE to schedule installation.** Please contact Michael Tartaglia at NICE at 678-523-1281 or Michael.Tartaglia@NICE.com to schedule. Please note that scheduling for NICE at CCSI or in the field is 8-10 weeks lead-time.
5. **IMPORTANT: For recording solutions that include an MCC7500 IP Logging Recorder, if the customer desires search/playback capabilities on the Customer Enterprise Network (CEN), there must be a Motorola Firewall between the RNI and the CEN. Motorola must configure the Motorola Firewall to allow the Inform server to communicate with the MCC7500 IP Logging Recorder. The Motorola field engineering team is responsible for the design of this integrated solution - including support from ST's or engineers.**
6. Selling NICE Inform is a process in selling Value-Adds. It is highly recommended that a NICE Sales Representative be consulted during the selling process. Utilizing a NICE Representative will result in the following benefits:
 - o A higher success rate for sales
 - o Reduced chance of configuration error
 - o Improved chances for up-sell opportunities
 - o To contact your local NICE Sales Rep, please contact

David Gutteridge, Business Development Manager, NICE Systems, for Northern United States and Canada. 416-729-2626 or David.Gutteridge@nice.com

Ordering Instructions For Inform Applications:

The Inform bundle includes everything required to deliver a basic turnkey Inform solution. This includes a single concurrent User License for Reconstruction and Monitor (System Admin does not have a separate license). Please note that services (installation, PM, and training) as well as uplift maintenance to 24x7 are ordered separately and are not included in the ECAT bundle prices below.

Note that the Inform licensing also includes a channel license component so bundles are set based on the total number of recording channels in the solution.

The Inform bundle includes the following:

- NICE Inform Server Module License
- The first 10 Inform channel Licenses
- 1 x NICE Inform Reconstruction Concurrent User License
- NICE Inform Monitor Module License
- 1 x NICE Inform Monitor Concurrent User License
- NICE Inform Server Hardware
- MS SQL CAL licensing per user
- First Year Warranty (Monday through Friday, 8-5 local)
- User Manual CD

Notes:

Channel Licenses: Are based on every recording channel in the system. For example, if the recording system included a 10 simultaneous call MCC 7500 IP Logging Recorder and a 64 channel HDL Plus, the Inform Licensing would require 80 channel licenses.

NICE Inform Users: Concurrent licensing is defined as the number of simultaneous users the solution can support. Any number of users can be defined in the system. The concurrent user licenses define how many of those users can access the system at any one time.

Add 10 Channel Inform License Upgrade Option: The Inform bundle includes the first 10 channel licenses. To go beyond 10 channels, simply add the appropriate number of these bundles (TT05786AA).

Inform Resiliency Bundle Option: This is used to create / implement a hot-standby (or secondary) Inform server with appropriate licensing. The secondary server receives Inform database back-ups from the primary server on a regular basis. In the event that the primary Inform server goes down, the Inform back-up server can be brought on-line quickly and access to the applications restored. The Inform Resiliency installation must be ordered as well.

Ordering Instructions for the Inform Application

1. Select the NICE Inform bundle. Bundles start at 10 channels. If more channel licenses are required, there is an optional item that adds an additional 10 channel licenses to the solution (TT05786AA). Order as many as needed.
2. Optional: Select Additional Inform Reconstruction user licenses based on the total number of Reconstruction module users. The Public Safety Bundle comes with 1 concurrent License.
3. Optional: Select Additional Inform Monitor user licenses. The Public Safety Bundle comes with 1 concurrent User License.
4. Optional: Select Inform Organizer concurrent User Licenses according to the total number of Organizer User Accounts (if Organizer is selected).
Optional: Inform Media Player is an additional feature available through the Organizer application. To order it, select DDN1702A. Only one needs to be ordered per Inform server to give every User feature.
5. Services (PM, Installation, and Training) are ordered separately. Call NICE Systems for a quote. If you don't know your NICE sales rep, please contact David Gutteridge at 416-729-2626 or David.Gutteridge@NICE.com.
6. NICE Inform must be at version R5.1 or later when used with the ASTRO 25 7.13 or later system releases. NICE provides a free upgrade to Inform Lite, but full Inform must be quoted.

• **General Ordering Guidelines and Information:**

1. Pricing includes first year **SILVER** warranty maintenance (Monday - Friday, 8 -5) (Except International) - **if 24x7 SUPPORT is required, please contact the Motorola field CSM for a quotation.**
2. Anti-Virus should be ordered separately. NICE will assist with the initial installation of the software. The customer is responsible for keeping the antivirus software and Microsoft patches current. A list of approved patches and antivirus software are available at the NICE www.Extranice.com website for telephony equipment residing on the customer enterprise network (CEN). Motorola has approved antivirus for logging equipment residing on the radio network infrastructure (RNI).

SERVICES ARE REQUIRED, BUT NOT INCLUDED IN ECAT MODELS ON THIS PAGE.

1. Pricing does NOT include services. This must be quoted separately by NICE and ordered by the field team. If you do not know your NICE Systems sales representative, please contact **David Gutteridge @ NICE Systems, 416-729-2626 or David.Gutteridge@NICE.com.**
2. **IMPORTANT: The Motorola field PM needs to contact NICE to schedule final commissioning of the logging recorder equipment.** Please contact Michael Tartaglia at NICE at 678-523-1281 or Michael.Tartaglia@NICE.com to schedule a final commissioning. Please note that scheduling for NICE at CCSI or in the field is 8-10 weeks lead-time.
3. **IMPORTANT: For recording solutions that include an MCC7500 IP Logging Recorder, if the customer desires search/playback capabilities on the Customer Enterprise Network (CEN), there must be a Motorola Firewall between the RNI and the CEN. Motorola must configure the Motorola Firewall to allow the Inform server to communicate with the MCC7500 IP Logging Recorder. The Motorola field engineering team is responsible for the design of this integrated solution - including support from ST's or engineers.**
4. Selling NICE Inform is a process in selling Value-Adds. It is highly recommended that a NICE Sales Representative be consulted during the selling process. Utilizing a NICE Representative will result in the following benefits:
 - o A higher success rate for sales
 - o Reduced chance of configuration error
 - o Improved chances for up-sell opportunities
 - o To contact your local NICE Sales Rep, please contact

David Gutteridge, Business Development Manager, NICE Systems, 416-729-2626 or David.Gutteridge@nice.com

Additional Information on NICE products is available from NICE directly at their **ExtraNICE business partner portal**. This site provides Motorolans with access to materials published by NICE on their applications, tools, and solutions. The materials include marketing collateral, manuals (user, installation, hardware, etc.), technical notes, FAQ's, and much more. Register at www.extranice.com. Please contact Greg Vasilopoulos in product marketing with additional questions.

General Information

Description	Nomenclature	APC	Price
INFORM R6.1 TURNKEY BUNDLE SERVER, 10 CHANNEL LIC, 1 RECON, 1 MONITOR <small>This bundle includes no installation or training services. The reconstruction and monitor licenses are concurrent licenses. Order TT05786AA if additional channel capacity is required beyond the 10 channel licenses shipped in the bundle.</small>	TT2672	229	\$29,254.00
NICE TURNKEY INFORM RESILIENCY BUNDLE - SERVER, SW <small>The TT2691 includes everything in the TT2672 with the exception of channel licenses. Channel licenses and user applications are not required to be purchased with resiliency bundle since it is a stand-by solution utilized when the primary Inform server is not available.</small>	TT2691	229	\$35,828.00
NICE INFORM LITE BUNDLE FOR ONE LOGGER <small>This provides one concurrent replay license and the Inform Lite software. It does not include services or training. These must be ordered separately.</small>	TT2690	229	\$5,078.00

**Options
MCC 7500 IP Logging Recorder & NiceLog Bundles**

Description	Nomenclature	APC	Price
ADD: ADDITIONAL 10 INFORM CHANNEL LICENSES	TT05786AB	229	\$1,860.00

**Accessory Items
MCC 7500 IP Logging Recorder & NiceLog Bundles**

Description	Nomenclature	APC	Price
ADD ADDITIONAL 10 INFORM CHANNEL LICENSES <small>Each trunked radio channel and each phone line require a license. Order the appropriate number of license as required in the system.</small>	DDN1714	229	\$1,860.00
ADDITIONAL NICE INFORM RECONSTRUCTION CONCURRENT USER LICENSE	DDN1698	229	\$2,146.00
ADDITIONAL NICE INFORM MONITOR CONCURRENT USER LICENSES, PRICE PER LIC <small>Real-time monitoring of a telephony recording channel.</small>	DDN1699	229	\$1,708.00
NICE INFORM ORGANIZER CONCURRENT USER LICENSES, PRICE PER LICENSE	DDN1701	229	\$4,512.00
INFORM MATRIX SERVER LICENSE <small>Only available for Inform 4.1 higher releases.</small>	DDN1697	229	\$6,096.00
NICE INFORM MEDIA PLAYER LICENSE - PRICE PER INFORM SERVER	DDN1702	229	\$5,500.00
INFORM RESILIENCY SOFTWARE LICENSE <small>This is already included in TT2691. Used if a customer provides their own hardware.</small>	DDN1116	229	\$12,190.00
NICE INFORM VERIFY CONCURRENT USER LICENSE	DDN1700	229	\$574.00
ADDING SECOND LOGGER/DATABASE TO INFORM LITE ACCESS	DDN1696	229	\$4,000.00
INFORM REPORTER MODULE LICENSE <small>Provides pre-configured reports for call volume and quality evaluation results.</small>	DDN1870	229	\$550.00
INFORM EVALUATOR MODULE LICENSE <small>Provides supervisor with on-line custom built evaluation forms within the Inform application.</small>	DDN1871	229	\$1,100.00
INFORM OPERATOR LICENSE <small>Identifies the personnel to be evaluated and allows evaluations to be assigned to that person for review.</small>	DDN1872	229	\$110.00
USER REGISTRATION APPLICATION LIC	DDN1873	229	\$30.00
RECORD ON DEMAND APPLICATION LIC <small>Provide user with the ability to start stop recording at their phone position.</small>	DDN1874	229	\$110.00

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NICE Recording (NRX) Logging Recorder

General Information

NRX is a full-featured, compact recording solution designed to meet the needs of first responders, Integrated Command and Control Centers, law-enforcement agencies, and small contact centers. With its state-of-the-art architecture, NRX provides an affordable, easy-to-use and easily maintained solution. It comes with a wide range of features and benefits, and is designed to meet the needs of organizations seeking a powerful and cost-effective recording system.

NRX bundles utilize standard HP Server hardware with options available for server upgrades.

The standard server included in the NRX bundles has the following features:

- Windows 2008 64 bit OS
- SQL 2008 CAL licenses
- 48,000 hours of on-line storage
- RAID 1 for the hard drives (disk mirroring)
- Dual / redundant power supplies
- HP Rail kit for 4-post cabinet

NRX can record a variety of audio inputs. These include analog inputs (phone and radio), traditional digital telephones (TDM), and VoIP telephones - all within a single recording chassis. NRX also supports CTI integrations for digital and VoIP systems to capture more call data with each recording.

The NRX comes in two configurations 8 channel and 32 channel base systems. Each size comes with a specific server model. The purpose is to deliver a server that suits customer capacity and reduce cost for smaller recording requirements.

The small NRX bundle starts at 8 recording licenses and can be increased in increments of 8 licenses up to 32. The larger NRX bundle starts at 32 recording licenses and can be increased in increments of 8 licenses up to 192 recording licenses in a single server.

Aside from recording licenses, analog and digital (TDM) recording requires audio input boards for the server. VoIP recording does not require audio input boards. Each audio input board provides 24 ports for 2-wire audio feeds.

Because an NRX server can support multiple interfaces in a single box, it is important to include the "channel flags" in quotes and orders. These \$0.00 cost items tell NICE Systems how the recorder interface software should be configured.

Some additional features of the solution include:

- G.729A compression (8Kb/s)
- Support for archiving audio to an external USB drive
- Support for archiving audio to a network storage device (i.e. external archiving is native to the product and does not require a separate Storage Center application).

Please note that the NRX does not come with a removable archive media such as DVD or DAT.

NRX can be part of an integrated solution with a Motorola MCC 7500 IP Logging Recorder. NRX can be integrated into any Inform Lite or full Inform system. The network storage capability that is native to NRX can also be incorporated into any Storage Center archiving strategy that is set up for the MCC 7500 IP logging recorder.

Please note that the NRX bundle does not include a user software package. NRX can use the Inform Lite package sold with the MCC 7500 IP logging recorder (a second database license must be ordered). Inform Lite or full Inform can also be ordered separately.

Also note that in small user systems, Inform Lite and Inform can be loaded on the NRX server. This can eliminate the need for a separate hardware for the Inform user applications (a separate PC in the case of Inform Lite or server in the case of full Inform). Please consult with NICE Systems on the limitations of deploying Inform and Inform Lite on the NRX recorder.

Lastly, NRX does not support the Scenario Replay software. It cannot be integrated with any existing recording system that is using Scenario Replay. To integrate NRX into this system would require the customer to upgrade from Scenario Replay to Inform Lite or full Inform.

Options Overview

Parallel Loggers: A parallel recording option is included for both of the NRX bundles. The parallel bundles have special discounts to encourage the purchase of these options. **Any customer that considers recording to be "Mission Critical" should be quoted parallel recorders.**

ANI / ALI Capture: A driver that will capture the Automatic Number Identification (ANI) and Automatic Location Identification (ALI) with each inbound 911 call. It can be used as search criteria.

Activity Detection by External Trigger (Squelch): Used when recording the analog audio feeds from a 911 telephone system (even VoIP based 911 systems offer analog feeds for each telephone to be recorded). This kit interfaces with the 911 system to use contact closure as the start / stop trigger for recording (replaces the VOX trigger). This provides efficiencies when trying to reconstruct a 911 event. The basic kit provides Activity Detection for up to 24 audio positions.

Additional 24 Ports of Activity Detection: Adds additional interface capacity to the basic kit described above.

Mix Configurator: Adds an additional interface board to an NRX recorder bundle for 4 to 24 channels. Allows the recorder to record both analog and digital in the same box. This is not required for VoIP recording.

Server Hardware Upgrade (Larger Server): The small NRX bundle can have the server upgraded to the larger server model that is used in the large NRX bundle. This is sometimes desirable to accommodate future growth or provide better performance for Inform Lite and Inform deployed on a NRX recorder.

Server Hardware Upgrade (Additional Storage): There are 1 TB and 3 TB HDD options to increase the internal storage in the NRX recorder. Because the servers are configured with RAID 1, each options comes with two drives for disk mirroring. The option is limited to a quantity of one to ensure that the order does not exceed the number of drive slots available in the server(s).

Ordering Requirements

Ordering Instructions:

1. Each NRX recorder bundle includes the following items:
 - o HP G8 server hardware
 - o 48,000 hours of on-line storage
 - o RAID 1 (mirrored drives)
 - o Hot swappable redundant power supplies 1+1
 - o Support for archiving to external USB drives
 - o Support for archiving to network storage server
 - o Windows 2008 64 Bit OS
 - o SQL 2008 CAL licensing
 - o 5m Cables
 - o Slide rails for 4-post cabinet / rack
2. Please note that the NRX bundle do not include Inform Lite or Inform user software. This must be ordered as a separate line item.
3. Note: Inform Lite is included in the MCC 7500 IP logging recorder package. This can be used with the NRX if DDN1696 (additional database license) is ordered.
4. Pricing includes first year warranty maintenance (Monday-Friday, 8 x 5 - excludes international). This warranty includes software patches and fixes, but does not incorporate a SMA/SUA package.
5. Warranty upgrades to 24 x 7 support are available and can be obtained through your CSM. **This is highly recommended for all Missions Critical logging recorders.**
6. Pricing does not include any services. Services are ordered separately through the Tigers system.
7. For equipment being placed in a 19: two post rack, part number DDN9748A can be ordered. This is a two post rack mount shelf.
8. The NRX logging recorder cannot be hardened. If a hardened analog / telephony logging recorder is required, please select a solution from the NICE HDL Plus price page.
9. The customer must purchase and install antivirus software on all devices that reside on the customer network. The customer is responsible or keeping the antivirus software and Microsoft patches current. A listing of approved patches and anti-virus software is available at the NICE www.Extranice.com website for telephony equipment residing on the customer enterprise network (CEN). Motorola has approved antivirus for logging equipment residing on the radio network infrastructure (RNI).

Pricing Exception Process:

For opportunities above \$500K, a P&L is required. Please contact Pricing and Profitability. For opportunities \$500K or less, a regional approval is required for **all** pricing exceptions. In its simplest form, this would typically be a call or an email from the requestor that provides background information, bid strategy, equipment list (including part number and DNUP/list price), and the target pricing required. PE requests typically state "we need to meet a maximum price of \$X" or "we need an additional 10% off the current price to be competitive", etc... The regional contact, Rich Nita, will then work with NAG Finance on a financial analysis and respond to the requestor with an approval / denial, or a suggested alternative discount. The requestor then provides Rich's email approval authorizing the discount to the person / team doing the order entry.

Additional Information on NICE products is available from NICE directly at their [ExtraNICE business partner portal](http://www.Extranice.com). This site provides Motorolans with access to materials published by NICE on their applications, tools, and solutions. The materials include marketing collateral, manuals (user, installation, hardware, etc.), technical notes, FAQ's, and much more. Register at www.extranice.com.

To contact your local NICE sales representative. You can also contact David Gutteridge if you need a local NICE sales rep or have additional questions.

David Gutteridge, Business Development Manager, NICE Systems for Northern United States and Canada.
David.Gutteridge@NICE.com or 416-729-2626.

Models

Description	Nomenclature	APC	Price
8 CHANNEL NRX BASE BUNDLE	TT2670	229	\$14,520.00
32 CHANNEL NRX BASE BUNDLE	TT2671	229	\$33,406.00

Options

Redundant Recorder Options to Base Model

Description	Nomenclature	APC	Price
ADD: 8 CHANNEL NRX PARALLEL RECORDING BUNDLE - BASE SYSTEM	TT05765AA	229	\$12,820.00
ADD: 32 CHANNEL PARALLEL RECORDING BUNDLE - BASE SYSTEM	TT05767AA	229	\$24,812.00

Non-Redundant Recorder Capacity Increase in 8 Channel Increments

Description	Nomenclature	APC	Price
ADD: ADDITIONAL 8 RECORDING LICENSES - MAX OF 2	TT05763AA	229	\$3,744.00
ADD: ADDITIONAL 8 RECORDING LICENSES - MAX OF 20	TT05764AA	229	\$3,744.00

Redundant Recorder Capacity Increase in 8 Channel Increments

Description	Nomenclature	APC	Price
ADD: ADDITIONAL 8 PARALLEL RECORDING LICENSES - MAX OF 2	TT05766AA	229	\$2,720.00
ADD: ADDITIONAL 8 PARALLEL RECORDING LICENSES - MAX OF 20	TT05768AA	229	\$2,720.00

Optional Integration Selections (ordered with each TT2670 & TT2671 line item)

Description	Nomenclature	APC	Price
ADD: INTEGRATIONS - AVAYA CTI PER CHANNEL	TT05776AA	229	\$100.00
ADD: INTEGRATIONS - AVAYA ACTIVE PER CHANNEL	TT05777AA	229	\$100.00
ADD: INTEGRATIONS - CISCO PER CHANNEL	TT05778AA	229	\$100.00
ADD: INTEGRATIONS - CISCO GATEWAY PER CHANNEL	TT05779AA	229	\$100.00

Mandatory Channel Flag Selections (must be ordered with each TT2670 & TT2671 line item)

Description	Nomenclature	APC	Price
ADD: ANALOG CHANNEL FLAG	TT05771AA	229	\$0.00
ADD: DIGITAL CHANNEL FLAG	TT05772AA	229	\$0.00
ADD: T1 CHANNEL FLAG	TT05773AA	229	\$0.00
ADD: TELEPHONY VOIP CHANNEL FLAG	TT05774AA	229	\$0.00

Logging Recorder Server Upgrades (for use with 8 channel NRX recorder)

Description	Nomenclature	APC	Price
ADD: SERVER UPGRADE TO LARGER SERVER - PRIMARY RECORDER	TT05780AA	229	\$7,654.00

Logging Recorder Server Upgrades (for use with 32 Channel or 8 Channel upgraded NRX recorders)

Description	Nomenclature	APC	Price
ADD: INCREASED INTERNAL STORAGE (2 X 1TB WITH RAID 1)	TT05769AA	229	\$2,180.00
ADD: INCREASED INTERNAL STORAGE (2 X 3TBB WITH RAID 1)	TT05770AA	229	\$5,084.00

Accessories

Miscellaneous

ACTIVITY DETECTION BY EXTERNAL TRIGGER (SQUELCH) (24 INPUTS) (MAX 1)	DDN1691	229	\$2,200.00
ADDITIONAL 24 PORTS OF ACTIVITY DETECTION BY EXTERNAL TRIGGER	DDN1692	229	\$1,200.00
17" LCD DRAWER W/ KEYBOARD & MOUSE, KVM 16 PORTS, CABLES	DDN8325	229	\$6,500.00
SNMP MANAGEMENT APPLICATION	DDN7532	229	\$2,400.00
ANALOG AUDIO BOARD - 24 PORTS	DDN1693	229	\$2,260.00
DIGITAL AUDIO BOARD - 24 PORTS	DDN1694	229	\$2,260.00
T1 AUDIO BOARD - UP TO 3 T1 (72 PORTS)	DDN1695	229	\$3,150.00

End User Licenses and Applications (see Inform Price Page for more information)

ADDING 2ND LOGGER/DB TO INFORM LITE	DDN1112	229	\$6,358.00
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Data Compiled 02-Feb-2015 using DUP and all prices in USD

VERINT MEDIA RECORDER FOR PUBLIC SAFETY

General Information

SERVICES ARE NOT INCLUDED IN THE MODELS BELOW.

Verint Media Recorder for Public Safety is an advanced, digital multimedia recording, retrieval, and quality assurance solution designed to enhance the performance of public safety answering points (PSAPs), command and control centers, homeland security, transportation operations centers, correctional facilities, and emergency communication centers. It offers superior reliability in mission-critical environments, along with flexible, easy-to-use functionality that can help your organization meet the demands of Next Gen 9-1-1 and other evolving communications challenges by:

- Capturing audio, video, text, screen data, telematics, photos, and related data, such as telephone numbers and location, from a variety of sources
- Live monitoring of PSAP interactions to help ensure adherence to policies and procedures
- Reconstructing incident scenarios to understand the chain of events
- Protecting captured interactions from unauthorized access and tampering
- Evaluating and enhancing call taker, dispatcher, and manager performance
- Documenting and reporting results efficiently

The Verint solution set offers a broad range of functionality, including:

- **Robust Secure Architecture** - Audiolog is designed for use both as a stand-alone recorder/playback unit and as a specialized recording server within a networked environment. To promote superior reliability and availability and cost-effective operation, Audiolog is built on an open architecture and uses standard PC components, the Microsoft Windows platform, and the Microsoft SQL database.
- **Easy Upgrades** - The Verint Logging Solution does not require upgrade at the same time as an ASTRO upgrade. The Verint logger will keep recording through the upgrade and can be upgraded at a time conveniently after.
- **Talkgroup Pricing** - Verint prices systems by talkgroup, not by talk path.
- **Multimedia Call and Screen Recording** - Audiolog provides full-time recording, selective recording, recording on demand, and dial-in recording across digital and analog telephones, trunked and conventional radio systems, telephone lines and trunks, IP phones, short message service (SMS), and PC screens. In addition to recording interactions, Audiolog can tag them with information from radio, ANI/ALI, CTI ICCS, CAD, SMS, and GIS systems to facilitate incident reconstruction.
- **Secure Storage and Retrieval** - Audiolog provides Insight Center, a powerful browser-based set of tools to search for and play recordings directly from the desktop. Captured interactions can be retrieved according to a wide variety of criteria, from date and time to caller ID, call taker name, DNIS, CAD incident number, radio ID, talkgroup or ANI/ALI. You can also reconstruct events and scenario by playing back multiple interactions simultaneously, all from a single workstation. Playback and monitoring rights help secure recordings from unauthorized access, and digital fingerprinting shows when a voice or radio recording has been tampered with. Optional AES-256 encryption protects voice and radio data. Audiolog can retain large volumes of calls online, as well as archive contacts to Blu-ray media, DVD-RAM, and network-based storage resources.
- **Quality Assurance Compliance** - Audiolog Interaction Quality is a quality assurance solution that simplifies the creation of

evaluation forms and questions. Its intuitive, browser-based interaction assessment tool enables managers to play back and score calls easily, with only minimal training. A unique calibration feature can measure and compare quality evaluators' scores, showing how they deviate from averages or goals to foster more consistent scoring across your organization. Comprehensive reporting makes it easy to analyze the performance of call takers and managers.

- Hardened RNI based solutions for Public Safety and Fed customers.

The Verint audio portfolio is a certified solution for ASTRO versions 7.14 or later system releases. It can also be deployed with ASTRO versions 7.13 or earlier (see notes below), but on the CEN.

Ordering Requirements

The Verint Trunked Logging Recorder (TLR) solution requires a Motorola Archiving Interface Server (AIS). The AIS model numbers can be found in **ECAT** under **Dispatch Solutions** in the **Motorola MCC 7500 Products** folder.

Key Information & Ordering Instructions:

Sales Support Process Includes

Verint Sales and Engineering resources are recommended to assist with the discovery and configuration process, and should be engaged to ensure proper design and sizing. Contacts are listed below and are available for discovery, conference calls, webinars, onsite demos, SOW's, and assistance with the procurement process as well as educational meetings with Motorola staff as requested. A Site Survey Questionnaire (SSQ) is required and can be found in the logging Wiki (link below) which contains the discovery questions that Verint needs to begin the quoting process. Step one to any successful sales process is to involve the appropriate channel manager. Quotes are available within 48 hours of a completed and finalized SSQ. Also, Verint must be engaged to provide a service and maintenance quotation for all equipment orders. ECAT models are for product only, services and maintenance must be quoted separately by Verint and ordered separately by the field team (equipment via COF, services via Tigers, maintenance via SLC).

Verint regional contacts are:

Sales Territories

Bryan DeBarry - Channel Manager - T2, T4

bryan.debarry@verint.com

770-827-9640

Jon Harding - Channel Manager - T1, T3, T5

jon.harding@verint.com

513-678-9906

Gary Schiavo - Channel Manager - T6, T7, T8

gary.schiavo@verint.com

951-294-4556

Solution Engineers

Shawn Watters - Solutions Engineer West

shawn.watters@verint.com

513-678-9906

Larry Williston - Solutions Engineer East

larry.williston@verint.com

203-893-3489

Verint Executive contacts are:

Bill Pryor - Senior Director, Public Safety Global Practice Leader

bill.pryor@verint.com

512-663-3431

Matthew Varner - Director, Strategic Partnerships

matthew.varner@verint.com

512-656-9803

Recorder Packages

Trunked Logging Recorder (TLR) - Each TLR includes an Audiolog 5000-Series MAX-PRO/Quad-Core server, Intel-PRO/1000GT Dual Port Server Adapter, Audiolog Server license for Version 5, Motorola P25 Audiolog enabler, Mounting Rail Kits (4 Post), Insight Center license for replay (unlimited), Internal Storage (up to 75,000 channel hours), dual Blu-ray backup drive, Software (Administrator, etc.). All specifications are subject to change.

Central Archive Service (CAS) - Each CAS includes an Audiolog 5000-Series MAX-PRO/Quad-Core VoIP server, CAS Server license (version 5), Mounting Rails Kit (4 Post), Insight Center license for replay (unlimited), Internal Storage (up to 75,000 channel hours), dual Blu-ray backup drives, Software (Administrator, etc.). All specifications are subject to change.

Telephone Recorder - Each telephony recorder includes an Audiolog 5000-Series MAX-PRO/Quad-Core VoIP server, Audiolog Server license for Version 5, Mounting Rail Kit (4 Post), Insight Center license for replay (unlimited), Internal Storage (up to 75,000 channel hours), dual Blu-ray backup drives, Software (Administrator, etc.). All specifications are subject to change.

General Notes:

1. The Verint solution is certified and hardened for use on the RNI starting with the ASTRO 7.14 release. Non-certified (supported & validated) configurations on CEN based deployments of one or more components is available as customer requirements dictate for pre-7.14 releases.
2. There is no additional charge for search and replay access. Incident Reconstruction software is bundled into the core package (Search & replay workstations are purchased separately).
3. Verint TLR specifics:
 1. Each Verint TLR requires an Archiving Interface Server (AIS)
 2. Verint TLR's are priced/configured by talkgroup as opposed to talk path
 1. The Verint TLR can support up to 240 talk groups per TLR.
 2. Select the number of Talk Groups (TT05973AA) required. It is good to order a few extra to account for unexpected requirements during deployments.
 3. The Verint TLR is not generally used to record telephone inputs. If required, contact Verint to determine feasibility.
 4. If Encryption is required, order TT05974AA for each talk group being recorded.
 5. Select the system release identifier for certified solutions:
 1. TT05975AA - ADD: TLR FOR USE ON 7.14 SYSTEMS
 2. TT05976AA - ADD: TLR FOR USE ON 7.15 SYSTEMS
 6. If a fully hardened system, order TT05972AA (quantity 1 per TLR)
4. Verint CAS specifics:
 1. Please engage with a Verint representative to ensure adequate storage is accounted for to meet customer retention requirements.

5. Verint Telephone Recorder specifics:
 1. Multiple acquisition methods can be mixed into the same recorder
 2. Verint Presales is available to consult on technical environments where multiple Audio types need to be captured.
6. UEM monitoring is not currently available. A firewall to the CEN will be required to port logging events outside for external monitoring.
 1. Verint Audiolog Management Console application is available for monitoring
7. CCSi staging for the solution is available and encouraged where possible.
8. SUA for the full solution expected to be available in late 2014. Solution does not include rack, KVM, UPS, or other environmental components.
9. Contact Verint for quoting of upgrades and expansions of existing systems. The Verint TLR and AIS are certified in Motorola's System Integration & Test (SIT) as part of the system release. The telephony solutions are not certified in ASTRO 25 releases.
10. Due to the size of the logging recorder(s), some customers may desire a cabinet for racking of the equipment. If mounting in a 2 post 19" rack, part number DDN9748A can be ordered. This is a black shelf.

Installation

1. Installation is ordered separately from the ECAT / DQ models. Verint cannot process the equipment order without the services PO (installation/training and maintenance).
2. Verint requests the PO for services / product 8 weeks prior to installation.
3. Equipment can be staged in CCSi, make sure that the Verint sales rep is aware of any staging requirements.
4. A trained Verint technician will install the TLR, CAS, and/or telephone recorder at the customer site. Installation occurs Monday-Friday 8-5 and includes:
 1. Basic training
 2. Rack and stack of hardware, installation, and testing
5. In North America, installation is coordinated through the appropriate Verint channel manager who will engage the proper resources to ensure a smooth installation. For geographies outside of North America, engage a Verint Executive contact above.

Warranty & Support

1. All Verint models in ECAT include 24x7 on-site 1st year warranty support.
2. Additional years of support must be ordered separately.
3. Verint requests remote access in order to provide optimal response.

Upgrades & Expansion

1. Contact Verint for upgrade quotations. Verint does not require an upgrade of the logging recorder for releases 7.7 through 7.15. Verint does need to upgrade the thin client on the AIS with each release.
2. Pre-7.14 systems can be migrated on the RNI, but additional installation fees may apply.
3. The Verint ASTRO recording system does not need to be upgraded at exactly the same time as the ASTRO release.

Ordering Process

1. Motorola sales reps will forward the SSQ to Verint Presales
2. Verint presales will review the SSQ and assist in building the ECAT equipment list
3. Implementation services (installation and training) are ordered through TIGERS and Verint will assist in building the SOW with the proper approved templates.
4. Service (Maintenance & Support) is available for order through SLC with a pre-approved SOW
5. DQ quoting process is available for special situations as needed

Pricing Exceptions

1. Opportunities above \$500K require a P&L. Please contact Pricing and Profitability.
2. Opportunities \$500K or less require regional approval for all pricing exceptions.

Miscellaneous

1. KVM DSF1DC108H can be ordered. It is a Belkin 19" widescreen LCD rack console (only USB cable compatibility). USB KVM cables are DSF1D940106. The LCD drawer is 1 RU and 8 port KVM switch is 1 RU. The cable connects two PC's per cable. USB only, does not support PS/2 style.

Models - Trunked Logging Recorder (TLR), CAS, Telephone Recorder

SERVICES ARE NOT INCLUDED IN ANY RECORDER ECAT MODEL NUMBERS

Description	Nomenclature	APC	Price
TRUNKED LOGGING RECORDER BUNDLE	TT2812	229	\$38,110.00
CENTRAL ARCHIVE SERVER BUNDLE	TT2811	229	\$17,022.00

Options

TLR Options

Select System Release

Description	Nomenclature	APC	Price
ADD: TLR FOR USE ON 7.14 SYSTEMS	TT05975AA	229	\$0.00
ADD: TLR FOR USE ON 7.15 SYSTEMS	TT05976AA	229	\$0.00

Talk Group Options

Description	Nomenclature	APC	Price
ADD: TRUNKED RADIO TALKGROUP (1 PER TG)	TT05973AA	229	\$328.00

Hardening / Encryption Management Options

Description	Nomenclature	APC	Price
ADD: DOD-IA HARDENING PRODUCTION PROCESS	TT05972AA	229	\$9,450.00
ADD: ENCRYPTION MANAGEMENT (1 FOR EVERY TG)	TT05974AA	229	\$90.00

CAS / Telephone Recorder Options**Hardening / Encryption Management Options**

Description	Nomenclature	APC	Price
ADD: DOD-IA HARDENING PRODUCTION PROCESS	TT05972AA	229	\$9,450.00
ADD: ENCRYPTION MANAGEMENT (1 FOR EVERY TG)	TT05974AA	229	\$90.00

Server Upgrade Options

Description	Nomenclature	APC	Price
ADD: UPGRADE 5000-SERIES SERVER TO SQL	TT05969AA	229	\$567.00

Accessories

Windows Supplemental Configuration (Required on Astro 25 7.4 or Later Systems)

Description	Nomenclature	APC	Price
WINDOWS SUPPLEMENTAL FULL CONFIG	T7448	877	\$50.00
WINDOWS SUPPLEMENTAL TRANS CONFIG	T7449	877	\$50.00

TLR Accessories Items

Description	Nomenclature	APC	Price
TRUNKED RADIO TALKGROUP (1 PER TG)	DDN2020	229	\$328.00
ENCRYPTION MANAGEMENT (1 FOR EVERY TG)	DDN2021	229	\$126.00
SPARE PARTS KIT - 5000 SERIES MAX-PRO QUADCORE FOR VOIP AND TLR	DDN2022	229	\$1,685.00

CAS / Telephony Recorder Items

Description	Nomenclature	APC	Price
LD2409 BOARD, 24 ANALOG PORTS	DDN2002	229	\$4,346.00
AUDIOLOG 13 PC1 EXPANSION CHASSIS	DDN2003	229	\$5,450.00
AUDIOLOG 13 PC1 EXPANSION CHASSIS	DDN2003	229	\$5,450.00
16 CHS CONTACT CLOSURE KIT	DDN2004	229	\$1,080.00
AUDIOLOG OPERATIONAL RECORDING (PER CH)	DDN2005	229	\$662.00
AUDIOLOG OPERATIONAL QUALITY (PER CH)	DDN2006	229	\$914.00
AUDIOLOG SCREEN RECORDING	DDN2007	229	\$126.00
DOD-IA HARDENING PRODUCTION PROCESS	DDN2008	229	\$9,450.00
ENCRYPTION MANAGEMENT (1 FOR EVERY TG)	DDN2009	229	\$126.00

Data Compiled 02-Feb-2015 using DUP and all prices in USD

911

"For Plant Equipment Information please go to the following Compass web site"

<http://compass.mot.com/plant911> or through EYE's under Product/System Information, Dispatch Solution, VESTA E9-1-1

VESTA Pallas Sales Tools Kit can also be order through Literature Distribution Center under RO-13-2003

[Ship Card](#)

General Information

MODEMS:

ALI MODEM (REMOTE DATA):

4911S modem used to connect ALI Controller to remote ALI database and to send data to secondary PSAP terminals or printers using dedicated phone lines. If not provided by the telephone company, a PAIR (2) of these are required at the PSAP for ALI Controller/Remote Database. (May require Expansion ALI software and/or additional Serial Port Panel.)

Data Compiled 02-Feb-2015 using DUP and all prices in USD

American Wireless Legacy Line Dispatch Console Furniture

General Information

Total Solution Offerings - Customer Satisfaction - Log Credit

How American Wireless Control Center Solutions Benefit Your Customers

American Wireless offers a broad range of multi-dimensional dispatch control center furniture, with ergonomic laminate and metal accessories, all designed to complement and support Communication Control Center installations. American Wireless products carry a comprehensive 60-month warranty.

Motorola CENTRACOM Series furniture products are exclusively supported by American Wireless.

All American Wireless console metal furniture bays are built using a combination of 11- and 14-gauge cold-rolled steel and unitized/welded construction. The manufacturing process is in compliance with ISO-9001 standards and AS9100 certified quality. Laminate products meet or exceed the stringent NEMA L3 standards.

Prior to shipping, American Wireless Console Furniture Systems are completely assembled and staged for quality inspection and conformance to plan.

The modular cabinets are professionally packed, ready for easy field installation.

In addition to supplying all metal bay installations, American Wireless will also design and provide integrated solutions to meet any unusual requirements. American Wireless may incorporate a selection of wood, laminate and other materials to complete the necessary design requirements.

Using the latest techniques in packaging technology, American Wireless strives to ensure that the products survive long-distance shipping without damage.

Detailed plan drawings sent with the console allow for simplified cabinet placement.

American Wireless will provide and coordinate all necessary presale measurements and conceptual drawings for the customer proposal.

American Wireless offers complete on-site installation services, complimentary installation tutorials and online technical support.

Motorola and the American Wireless (formerly Donco) combined sales support have grown during the past 30 years.

With vast experience in the communications control center business, American Wireless has completed thousands of installations for a long list of satisfied clients, engineers, salespeople and dealers.

What some of our most valued and satisfied customers are saying about American Wireless

John Zaleski - Motorola Senior Account Manager Government Markets

American Wireless Inc. (*formerly Donco*) has always supplied great service and products at a fair price. My customers have always been delighted with the unique products and high quality they have received from American Wireless. I have customers that have been using these products for over 20 years. Again, thank you and keep up the great work.

Stan Rosenblatt - Motorola Senior Account Manager U.S. Federal Government Markets

The staff at American Wireless represent the epitome of working with a true business partner. Serving the dispatch center needs of our large federal law enforcement customers can be a daunting task. When we need to get it *all* right the first time, *including the details*, I turn to American Wireless for two simple reasons -- experience and professionalism.

Thomas Schmidt - Motorola Senior Account Manager Government Markets

Working with American Wireless for some 20 years now, supplying their products has always been an enjoyable experience. The products shipped are of high quality, and the service and response to any issues have been professional and quick. They understand the needs and demands of the public safety environment and Motorola.

Scott Martin - Motorola Senior Account Manager U.S. Federal Government Markets

The sales teams in Korea have worked closely with American Wireless on projects for the U.S. military in Korea. These include an eight-position Legacy Line console and a Giant Voice system (MOSCAD). We continue to be very pleased with their sales and technical support and the quality of products. Best of all, our customers are very satisfied with their Motorola/American Wireless solutions.

Cyril Steel - Motorola Systems Customer Support Manager U.S. Federal Government Markets

For the past 35 years, I have been involved in many communications projects that included the products manufactured by American Wireless (*formerly Donco*). The console products and accessories are well-manufactured and often custom made to satisfy your customers' requirements. When necessary, representatives of American Wireless will meet with the end user and will design a custom console system that specifically meets the requirements of your customer. From a service point of view, the installation and support services are excellent.

Mike Bennett - McCord Communications Two-Way Division Manager Federal Markets

I have worked in the communications industry with Motorola and McCord Communications for the last 35 years and have sold American Wireless (*formerly Donco*) on many occasions. Their console design, quality and value have always satisfied my customers' requirements, and they have always been very responsive to all our requests. I would highly recommend their products.

Fred Berrong - Northrop Grumman Corporation Integrated Systems Sector

American Wireless was able to design a furniture system to meet the stringent space requirements of an existing Mission Control Room that met all of the needs for keyboard, monitor, CPU, communications, and specialized display and control equipment. The fit and finish are outstanding and the area is very comfortable to the control room engineers, who must man the stations for extended periods of time during test flights. They were on time with a critical delivery date and their follow-up customer service is exceptional.

Sales Support Process Includes

- ✓ Introductory customer needs assessment
- ✓ Pre-site survey form completion
- ✓ Ergonomic evaluation and space planning
- ✓ Complimentary conceptual drawings
- ✓ Quotation – Motorola System and Infrastructure Operations (SIO)
- ✓ On-site presale survey as needed
- ✓ Installation coordination
- ✓ Detailed engineering drawings provided with equipment
- ✓ Installation tutorials and online support
- ✓ Factory gating to required delivery schedule
- ✓ Product staging and QA inspection
- ✓ Special packaging

Requirements Gathering and Proposal Information

Call the American Wireless Sales Coordination Team at **1-888-289-1555** for an initial consultation, which will include the provision of system planning tools.

American Wireless console specialists will assist you in gathering information from the clients and supplying conceptual scale drawings for customer orientation and proposal generation.

The Ordering Process

Upon customer presale acceptance of the proposed console configuration, **American Wireless will provide the Motorola drop-ship buyer with a firm quotation.**

American Wireless will generate a firm quotation using Motorola list (DNUP) pricing. At that time the buyer will create a Motorola DQ model number in COF. The quotation will be held firm for a period of 12 months, after which it will be subject to cancellation or requote.

American Wireless will establish a client quotation file and a status monitoring process with the Motorola sales team. Updates will be provided as needed.

Following receipt and logging of the potential order, **American Wireless will commence the order generation process**, which may involve a revalidation of the console configuration followed by factory gating of the order.

American Wireless conducts console system staging as an integral part of each console order. *Motorolans, channel partners, and the client are welcome to attend and preview the assembled furniture system at our manufacturing facility in Anaheim, California.*

American Wireless packages the console configuration in specially assembled modules, ready for easy placement into the installation area.

American Wireless certified ISO-9001 process guarantees on-time delivery scheduling.

American Wireless Project Commencement

Please call **1-888-289-1555** and our project coordination process will get you started.

- ✓ You will be put in direct contact with a control center specialist.
- ✓ An initial survey form will be sent to you by e-mail, followed by system planning tools as may be requested.
- ✓ Upon receipt of the basic information, American Wireless will contact you and commence coordination of information gathering, an on-site survey and conceptual proposal generation.
- ✓ A complete proposal package will be prepared by American Wireless with Motorola drop-ship pricing.

Tools

Literature Available Through the Literature Distribution Center (LDC)

Catalog No.	Description
AWN-9201B	Control Center Solutions
AWN-9202A	Next-Link Direct Connect Interface Console SUBSCRIBER version
AWN-9202G1	Next-Link Direct Connect Interface Console "Talk to Me"
AWN-9203A	IP Dispatch Console Accessories ACP 3400 series
AWN-9205A	Control Center Project Information form
AWN-9204A	Console System planner

The **American Wireless information Web site** at <http://www.awicom.com> contains a photo gallery and detailed product information to help guide you through the often complex process of dispatch/control center furniture design.

Watson Furniture

General Information

The Motorola/Watson Value Proposition

Full Solution Offerings - Customer Satisfaction - Log Credit

Why should you propose Watson furniture to your customer:

Watson Dispatch provides a broad range of console furniture, equipment, and accessories to meet the needs of communication centers and projects.

No headaches - Watson performs the work while you sell the customer. Watson offers a no-hassle sales process with field support from certified Rep firms throughout the US. After the sale is completed, Watson installs the furniture and maintains it under a 3 year comprehensive warranty - making sure the customer is satisfied with the purchase.

Sales Relationship History

Motorola and Watson sales have yielded over \$30 million in revenue, 500 installed sites, and includes hundreds of satisfied customers!

Look at some quotes from Motorola sales representatives and MR's regarding the Watson product:

- "The ability to have a Watson rep actually do the measurements and forms allows a speedy and accurate request for drawings and quote with little involvement from the Account Manager. Watson has been superb in turning these projects around in a timely fashion. Not only are there extra log dollars, but we control the entire installation of our console with the other vendors involved."

- [Jack Fay](#) on working with Watson

- "The detail is huge for an order like this. Watson did a wonderful job!"

- [Eric Olson](#) on Motorola Test Facility, Boulder, CO

- "Watson provided warranty repair in Santa Fe... This repair required a two day on site effort, new parts and refurbishing existing installed furniture, at no cost to the customer... resulting was a follow on sale even bigger than the initial installation."

- [Dieter Schmidt](#) on Santa Fe, NM

- "I have always had success selling Watson because their product and services are extremely high quality. When I ask for a quote they get it to me quickly and accurately. They produce the furniture in a timely manner, it is installed without problems, the customers love it and it looks great. I walk away with a happy customer and no problems from the sale!"

- [Amanda Barringer](#) on Durham Emergency Communications, NC

Watson Sales Support Process Includes:

- *Site Visit & Survey Form Completion*
- *Room Measurements*
- *Technology Evaluation*
- *CAD/Space Planning*
- *Quotation*
- *Installation Date Coordination*
- *Product Pre-building at Factory*
- *Delivery and Installation Coordination*
- *End User Training*
- *Excellent Customer Service and Support*
- *Post-sale Visits*

Setting the industry standard, Watson Dispatch offers extremely high-quality dispatch console furniture, unique storage solutions, and a range of conferencing, administrative, and private office furnishing. SYNERGY is a complete family of products designed to enhance the entire communication center. It combines unparalleled structural integrity, full sit-to-stand ergonomic adjustability, improved environmental controls, easy technology access, power, voice, and data integration and simple, logical, effective wire management. Full-cavity designs stabilizes all movable and fixed surfaces. The "wedge" design includes a vertical interconnect for routing cables and wiring from the work surface to the electronic devices in the cavities. Easy technology access is achieved by pull out shelves either front or rear of console.

Watson's Total Comfort System (TCS) integrates all ergonomic adjustments and environmental controls into a single device, SPI (Single Point Interface), which encompasses major improvements in the crucial arena of telecommunicator comfort. Modular air circulation is provided by one to three quiet, yet powerful, repositionable fans that require no ducting. User adjustability and control of the console via the SPI allows users to replicate the sit-to-stand function at all positions.

Competitive Differentiator

Many competitors claim a **limited** life-time warranty, but the small print reveals 90 day coverage on electrical, one year on motors, etc. Watson's 3 year warranty is comprehensive and provides customers with investment protection.

Ordering Requirements

Ordering Instructions:

1. Motorola sales rep or MR contact a Watson sales coordinator for an initial consultation. Watson reps assist in gathering information from the clients, measuring the rooms, assimilating the inventory, and supplying scale drawings from a project manager assigned to the customer.
2. Watson will generate a quotation using Motorola list (DNUP) pricing based on the customer requirements.
3. Once the customer signs off on the drawings and color selections, Watson will provide the dropship buyer with quotations and signed documents. At that time the buyer will create a Motorola DQ model number in COF.

Watson Project Coordinators By Territories

Lisa Dotterweich

Phone - 800-426-1202 Ext. 261

Fax - 360-394-1323

Email - ldotterweich@watsonfurniture.com

Territory - Canada, INTERNATIONAL, AZ, CA, CO, NM, UT, WY, NV, DE, Eastern MD, NJ, Eastern PA, CT, MA, ME, NH, RI, VT

Jeremy Nixon

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Kelly Dowling

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Territory - AK, HI, IA, ID, IL, KS, MN, MO, MT, ND, NE, NY, OR, SD, WA, WI, IN, SD, IA, KS, MO, NE, IL (South), AR, LA, OK, TX

Tools

Literature Available Through The Literature Distribution Center (LDC)

1. Search for "Watson Dispatch Binder" - This 2 1/2 inch thick binder provides everything you need to know about Watson furniture. Topics range from product overview to competition to industry challenges. It includes a CD, contact lists, sales tools, color samples, brochures, and more.
2. Search for "Watson Dispatch Synergy 3 Brochure" - This provides information Watson and the Synergy product line.
3. Watson Trailers - Contain A Synergy Furniture Position Which Customer Can View and "Touch". They Are Available Upon Request Throughout The Country - Contact Meghan with Watson at 800-426-1202 ext. 206.



**911 PRICE LIST
March 15, 2015**

Part Number	Description	List Price
ECX100101	WKS PC, Dual Video, 4G RAM	\$1,512.00
ECX100101-2	WKS PC, Dual Video, 4G RAM, with Dual NIC	\$1,602.00
ECX100101-P	Portable ANS. Pos., Laptop/VoIP Tel./ Kit Assm.	\$3,500.00
ECX100101-3	WKS, Quad Video Spt.	\$276.00
ECX100102	MONITOR, 19WM" FP, BLK	\$302.00
ECX100103	MONITOR, 22WM" FP, BLK	\$452.00
ECX100104	MONITOR, 24W" FP, BLK	\$699.00
ECX100105	MONITOR, 46", LCD TV/Monitor	\$1,168.00
ECX100110-HA	ECX Dual Server, HA SA Appliance Assembly, 2U	\$24,900.00
ECX100110-HAPF	ECX Dual Server, Federated App. Assem., HA	\$29,900.00
ECX100110-HAEF	ECX Dual Server, Federated App. Assem., HA, EXP.	\$21,900.00
ECX100001-NS	AUDIO INTERFACE UNIT (AIU)	\$1,350.00
ECX100201	POLYCOM 650 SIP PHONE	\$468.00
ECX100201-WM	WALL MOUNT, Brkt. POLYCOM 650/670, 5 pack	\$68.00
ECX100202	POLYCOM SIDECAR for 650	\$292.00
ECX100203	2500 Telephone Set w/Flash, Ash	\$63.00
ECX100203-HS	Handset, Std., Blk.	\$90.00
ECX100203-HSPTT	Handset, Std., Blk., PTT	\$229.00
ECX100203-HSMM	Headset, Monural, 3.55M Jack, PC IRR	\$106.00
ECX100204	Keypad, Genovation 24 Key, Model 683	\$135.00
ECX100208	POLYCOM SoundStation IP 6000 Conf. Phone	\$1,162.00
ECX100305	Media Gateway, 8 Port FXS or (CAMA) to SIP	\$1,085.00
ECX100305-1	Media Gateway, 8 Port FXS (Station Rec.)	\$1,085.00
ECX100307	Media Gateway, 8 port FXS/FXO	\$1,135.00
ECX100308	Media Gateway, 24 Port FXS or (CAMA) to SIP	\$2,870.00
ECX100309	Media Gateway, 24 port FXO to SIP	\$4,725.00
ECX100311	Media Gateway, 8 port FXO to SIP	\$1,085.00
ECX100312	Media Gateway, 4 Port FXS or (CAMA) to SIP	\$610.00
ECX100312-1	Media Gateway, 4 Port FXS (Station Rec.)	\$610.00
ECX100313	Media Gateway, 4 Port FXO to SIP	\$670.00
ECX100314	Media Gateway, PRI to SIP	\$5,435.00
ECX100315	Rack Shelf, Media Gateway, 2 GW per Shelf	\$32.00
ECX200001	CALLSTATION License	\$13,000.00
ECX200001-NM	CALLSTATION NM - No Map, License	\$13,000.00
ECX200002-NT	DISPATCHSTATION NT - No 9-1-1, (CAD Only) Lic.	\$9,000.00
ECX200003	DISPATCHSTATION - Full License	\$19,900.00
ECX200001-UP	DISPATCHSTATION License – Upgrade from CS	\$6,900.00
ECX200001-3YR	DISPATCHSTATION – 3 YEAR Promo	\$6,900.00
ECX200003-UP	DISPATCHSTATION License – Upgrade from DS NT	\$10,900.00
ECX200004	DECISIONSTATION, SITE License	\$0.00
ECX200006	ADMINISTRATION, SITE License	\$0.00
ECX200007	MESSAGEWORKS, SITE License	\$0.00
ECX200008	SIPWORKS, i3/IP INTERFACE, PSAP License	\$9,995.00
ECX200009	SIPWORKS Enterprise, i3/IP INTERFACE License	\$79,995.00

ECX200012	ECW INT. ADMIN PBX SYS License	\$4,995.00
ECX200013	SIPStation License, Per Position	\$695.00
ECX200015	SIP Trunk Interface, ECW to Third Party	\$3,595.00
ECX200016	RMS Interface – Based on Custom SOW	\$10,000.00
ECX200017	Mobile Interface – Based on Custom SOW	\$8,000.00
ECX200018	Radio IRR App, Third Party, per Pos.	\$199.00
ECX400001	MAP CONFIG, CUSTOMER PROVIDED DATA	\$2,995.00
ECX400002	911 TELECOM CONFIG/STAGING	\$2,995.00
ECX400002-A	ADMIN CONFIG/STAGING	\$3,995.00
ECX400003	DISPATCH/RESPONSE ZONE/NOTIF DEF	\$4,995.00
ECX400004	CONFIG/STAGING	\$110.00
ECX500001-24 - 4 Post	RACK ASSM, EQUIPMENT, 19 INCH, 24 Port, 4 Post	\$4,035.00
ECX500001-16PWall	WALL MNT ASSM, 19", RMTE, SMALL (1-4)	\$1,500.00
ECX500001-48PWall	WALL MNT ASSM, 19", RMTE, Medium (5-12)	\$2,100.00
ECX500001-96PWall	WALL MNT ASSM, 19", RMTE, Large (13-24)	\$2,600.00
ECX500001-24CH	CABINET ASSM, 24 RU, COMPLETE	\$5,800.00
ECX500001-42CH	CABINET ASSM, 42 RU, COMPLETE	\$6,100.00
ECX500002	HOST RACK CONFIG. KIT, 19", CUST PROV. RACK	\$3,900.00
ECX500002-PR	POS. BASED REC KIT	\$350.00
ECX500003-8	SWITCH, CISCO, 8-PORT POE, 10/100/1000	\$1,026.00
ECX500003	SWITCH, CISCO, 24-PORT POE, 10/100/1000	\$2,694.00
ECX500004	SWITCH, CISCO, 48-PORT POE, 10/100/1000	\$4,850.00
ECX500005-1	ROUTER, CISCO, 2 WAN SINGLE/RMTE/2901	\$2,278.00
ECX500005-1	ROUTER, CISCO, 2 WAN SINGLE - SIP Trunk IF	\$2,278.00
ECX500005-2	ROUTER, CISCO, 3 WAN ENTERPRISE/2911	\$4,106.00
ECX500005-3	FIBRE MOD., CISCO, EHWIC-1GE-SFP-CU	\$861.00
ECX500005-4	FIBRE MOD., CISCO, GLC-SX-MMD	\$548.00
ECX500006	CHANNELIZED T1 and ISDN PRI MOD, 1 port	\$2,395.00
ECX500006-1	CHANNELIZED T1 and ISDN PRI MOD, 2 port	\$4,595.00
ECX500006-2	CHANNELIZED T1 and ISDN PRI MOD, 8 port	\$7,995.00
ECX500007	MISC. MAT., CABLES, LOT	\$1,200.00
ECX500007-R	MISC. MAT., CABLES, RMTE., LOT	\$600.00
ECX500008	ALI MODEM, E911 CSU/DSU ICOM	\$1,575.00
ECX500008-1	ALI MODEM, E911 CSU/DSU GD	\$1,250.00
ECX500009-1	PRINTER, HP LaserJet Pro 200	\$486.00
ECX500017	IP to Serial Dist., 16 port	\$3,267.00
ECX500017-1	IP to Serial Dist., 2 Port, Remote	\$477.00
ECX500017-4	IP to Serial Dist., 4 Port, Remote	\$753.00
ECX500017-8	IP to Serial Dist., 8 Port, Remote	\$2,289.60
ECX500017-32	IP to Serial Dist., 32 Port	\$3,590.00
ECX500018	SIP External Ringer / Horn, Single	\$513.00
ECX500018-VA	Visual Alerting Module for Ringer	\$200.00
ECX500019	Master Clock Kit (GPS, Antenna, Server)	\$7,254.00
ECX500101	UPS, APC 800VA, IWS pos.	\$295.00
ECX500103	UPS - Smart-UPS X 3000VA	\$2,880.00
ECX500104	PDU, APC Rack Mount, Horz., 16 ports	\$1,228.00
ECX500105	PDU, APC Rack Mount, Horz., 8 ports	\$1,204.00
ECX600001	CS USER/ADMIN OPPS TRN (up to 8 students)	\$5,000.00
ECX600002	DS USER/ADMIN OPPS TRN (up to 8 students)	\$6,500.00
ECX600003	I&M TRN (up to 8 students)	\$5,000.00
ECX600004	TTT, TRAIN the TRAINER (up to 8 students)	\$7,500.00
ECX700001	PROJECT MANAGEMENT, UNIT	\$900.00
ECX700002	SYSTEM INSTALLATION, PRIMARY	Variable
ECX700002-IA	SYSTEM INSTALLATION, SECONDARY	Variable
ECX800001	SYSTEM ENGINEERING, (1) Lot	Variable
ECX800002	CUSTOM SERVICES – TBD	\$1,000.00
ECX800003	VIRUS PROTECTION, WKS. – Per Pos. / Per Year	\$60.00
ECX800004	CUSTOM SERVICES – TBD	\$1,000.00
ECX800005	RECOMMENDED SPARES (see below)	Variable

915001/1	GPS Command Center Package - up to 4 networks	\$ 24,362.50
915001	GPS Command Center Package with 2 Display Clocks and Presentense Software - single network	\$ 24,525.00
912850	Positron VIPER Integrated ACD (Per Position)	\$ 4,642.25
912806	24-Port Swith with QoS	\$ 2,062.50
950106	Professional Services (After Hours per Hour)	\$ 750.00
913652	Audio Junction cable (2 audio in 1 speaker out)	\$ 212.50
912870/1T1	Mediant 1000 Spare Part Digital Voice Module Single Span	\$ 6,175.00
912870/2T1	Mediant 1000 Spare Part Digital Voice Module Dual Span	\$ 11,625.00
912870/4T1	Mediant 1000 Spare Part Digital Voice Module Quad Span	\$ 23,825.00
912871/AC	Mediant 1000B Spare AC Power Supply Module	\$ 875.00
912871/CHA	Mediant 1000B Chassis With AC Power- W/O Telephony Interfaces	\$ 4,175.00
912870/LIC	Mediant 1000 Access License (per Chassis)	\$ 14,531.25
920100/CD	Power MIS Media	\$ 155.00
920101	Power MIS Concurrent Client Access License (CCAL)	\$ 624.65
920102	Power MIS Data Access License	\$ 1,312.85
920200/CD	Regional MIS Media	\$ 155.00
913100	Power 911 Client Access License (CAL)	\$ 15,492.25
913100/CD	Power 911 CD Media	\$ 155.00
915100/CD	SW Positron SENTRY	\$ 116.25
FREIGHT	Freight Charges	variable
914514	Color Laser Printer	\$ 2,656.98
E10219	Computer Keyboard	\$ 150.00
400163/1	304S Standard Handset, Black	\$ 92.15
912813/M	48V Power Supply Module - VIPER System	\$ 2,010.00
913606	Custom Connection Box W/Y Cable	\$ 694.40
912890	VIPER Software Media Set	\$ 155.00
100P000088-001	USB to Headset Adapter with in Line Volume and Mute Control	\$ 390.00
919502	MSAG Validation	\$ 3,000.00
919503	ALI Database Validation	\$ 2,500.00
GIS-VAL	Map Data Validation and Testing	\$ 3,750.00
ENT-GIS-VAL	Enterprise GIS Data Validation	variable
GIS-FLD	GIS Field Services	variable
915001/11	GPS Command Center Package with OCXO Oscillator and Presentense Software - 2 networks	\$ 29,600.00
920100	Power MIS Server Software License (SSL)	\$ 1,436.85
912870/CT1	GW – Access License – CAMA over T1 (per chassis)	\$ 24,800.00
207-990000-046	Cable Cheat - 25PR, 25', MF	\$ 375.00
912802/1	VIPER Primary Application Server	\$ 9,125.00
912803/1	VIPER Primary VoIP Soft Switch	\$ 6,625.00
912813	48V Power Supply and Shelf - VIPER System	\$ 2,487.50
912822/1	VIPER Secondary Application Server	\$ 8,125.00

912823/1	VIPER Secondary VoIP Soft Switch	\$	6,625.00
911000	Premium Shipping Service		variable
914145	Remotely Anywhere Workstation	\$	152.50
914146	Remotely Anywhere Server Edition	\$	265.00
912800	VIPER Gateway Shelf	\$	1,534.50
912801	CAMA Interface Module (CIM)	\$	4,169.50
912817	7 Foot IT Cabinet	\$	14,775.00
914414	G2 Rackmount UPS 1000VA	\$	4,237.50
913202	Power 911 Server Access License	\$	3,092.25
913228	CAD Router Software	\$	7,750.00
913601	Digital Backup Phone Switchbox	\$	775.00
913605	CC Box with Straight Cable	\$	1,875.00
913651	ITRR Audio Junction Box	\$	790.00
914520	IWS External Fax/Modem	\$	400.00
914724	Amplified Speakers (2)	\$	57.50
914422	Additional Backup Executive SQL Agent	\$	2,152.50
Q914410	Tower UPS, 1000VA, 670W	\$	1,850.00
915109/P	Alarm Panel (Includes Power Supply)	\$	2,475.00
912810/T1HW	Single T1 HWIC For 1921 Router	\$	1,800.00
P10040	Span Port Set	\$	2,487.50
917310	ePrinter Software	\$	2,480.00
913351	XDC Server License	\$	4,650.00
913353	XDC Client License	\$	775.00
914950	IWS Server RACK Bundle - Type A	\$	13,537.50
914951	IWS Server RACK Bundle - Type B	\$	21,487.50
P10094	Symantec backup software	\$	5,000.00
P10114/R	Backup Disk Solution for Windows Server (rack-mount)	\$	8,500.00
P10114/D	Backup Disk Solution for Windows Server (desktop)	\$	6,875.00
P10092	HP RDX removable disk backup system (internal)	\$	625.00
P10085	HP RDX removable disk backup system (external)	\$	625.00
P10093	2 TB removable disk cartridge	\$	1,250.00
914434/R	HD RDX removable disk backp system (internal) with rack-mount kit	\$	2,250.00
MS-INS	MapSAG Installation, Configuration, Training in Year One	\$	14,000.00
MF-DOC	MapFlex 911 Documentation	\$	250.00
MF-PM	MapFlex Project Management		variable
914385/5	HP Care Pack 5 YRS 4 Hour 24 x 7 Server		variable
914385/NBD/5	HP Care Pack 5 YRS Next Business Day Server		variable
914386/5	HP Care Pack 5 YRS 4 Hour 24 x 7 Desktop		variable
914386/NBD/5	HP Care Pack 5 YRS Next Business Day Desktop		variable
915007	Ethernet Time Server	\$	5,087.50
912645	ACDR & Maintenance Printers	\$	2,000.00
914840/1	Modem DSU/CSU (Digital)- 2 units	\$	6,375.00
914840/2	Modem DSU/CSU (Digital)- 1 unit	\$	3,000.00
950105	Professional Services (per Hour)		variable
950104	Professional Services (per Day)		variable
950100	Site Survey (per Site)		variable
950400	Pre-cut Verification		variable

950500	Cut-over Assistance		variable
960580	Travel Fee per Person		variable
960801	End User Training Services (Full Class of 8 Students, Max 8hrs Day)	\$	3,750.00
960802	Technical Training Services (Full Class of 4 Students, Max 8hrs Day)	\$	5,000.00
960575	Living Expense per Day per Person		variable
950510	Project Management Services		variable
914603	VGA Monitor Extension Cable	\$	82.50
914605	USB Extension Cable	\$	15.00
912810	IP Phone - SNOM 320	\$	875.00
912810/E	Quad Ethernet WIC for 1841/1921 Router	\$	1,500.00
912827	VIPER Backroom Mounting Kit	\$	6,667.50
913152	Power 911 Add-On Recorder for Radio	\$	930.00
914513	Laser Printer	\$	3,525.00
960102	Cabling		variable
914408	NIC 10/100 for Teaming	\$	252.50
960103	Network Cabling	\$	625.00
914406	NIC Additional 10/100	\$	137.50
914407	NIC Additional 1GB	\$	302.50
950520	Engineering Services		variable
960101	CAT 5 Cable	\$	562.50
950858	Backroom Staging - Additional work when no Cabinet	\$	3,125.00
950852	Front Room (Position) Equipment Staging - per position	\$	625.00
950853	Back Room Equipment Staging – Per Cabinet	\$	4,375.00
914711	Four Post Rack	\$	3,725.00
911SIP	9-1-1 Ingress via SIP - License per position	\$	767.25
915107	16 Port Digital I/O Controller	\$	2,475.00
960108/1	One (1) Hour of eLearning		variable
960108/2	Two (2) Hours of eLearning		variable
960108/3	Three (3) Hours of eLearning		variable
960108/4	Additional Connection	\$	100.00
912920	ECCP Workstation License	\$	1,542.25
914606/12	PC Speaker Extension Cable 12ft	\$	35.00
950515	System Architecture Services (per Day)		variable
915004	Spectracom - Premium Support Package		variable
913850/S	IWS Viper Enabling Kit (Sonic)	\$	5,037.50
914121/1	IWS Workstation - Software and Configuration	\$	682.50
914121/2	IWS Server - Underlying Software	\$	6,567.50
914121/3	IWS Object Server - Underlying Software	\$	3,495.00
919510	GIS Data Update Service per Position	\$	1,250.00
919511	Data Manipulation Service per Day	\$	3,750.00
914102	IWS Workstation	\$	3,487.50
400278/1	Handset BLK with 9 Foot Coilcord	\$	180.00
914940	I/O Control - Per Position	\$	343.75
P10083	19" Touchscreen Monitor	\$	2,537.50
P10084	22" Touchscreen Monitor	\$	3,925.00
914706/G6	Dual Position Arbitrator USB and PS/2	\$	1,037.50
914707/G6	Quad Position Arbitrator USB and PS/2	\$	1,487.50
912807	4 FOOT IT CABINET	\$	8,250.00

912816	Cisco 2960-S 24 port switch	\$	6,475.00
912819/24	Cisco 3750 24 port switch	\$	8,612.50
912819/48	Cisco 3750 48 port switch	\$	15,087.50
912871/BB	Mediant 1000B prebuilt Building Block	\$	5,050.00
914102/BB	IWS Workstation Prebuilt Building Block	\$	4,170.00
912817/BB	7 Foot Cabinet Prebuilt Building Block	\$	50,250.00
912807/BB	4 foot Cabinet Prebuilt Building Block	\$	46,595.00
912VOW	VIPER on Wheels	\$	114,700.00
920004	Power MIS Advanced Reporting Tool	\$	6,250.00
915000	GPS Command Center Package - Single Network	\$	20,100.00
E10059	NetClock GPS Time Server/Master Clock Command Center Package	\$	45,225.00
E10154	ELM Class 2 System license (Workstation and IP agent)	\$	300.00
912875	Inter-Host SIP Communication Host License	\$	6,192.25
E10153	ELM Class 1 System license (Server agent)	\$	1,725.00
914603/10	Cable Extension VGA – Video M/F, 10 ft	\$	87.50
913100/BAK	Power 911 Backup License	\$	1,548.45
913602	Phone Line Switch Box	\$	1,250.00
912990/S	VaaS One Time Fee		variable
912991/S	VaaS Power 911		variable
912993/S	VaaS Power LVR		variable
912812	PBX Access License - per Position	\$	999.75
912811	Application Server License	\$	1,542.25
915137	Sentry Monitoring per Node per Year	\$	300.00
915137/1	Remote Monitoring Setup Fee	\$	3,750.00
912814	Admin Interface Module (AIM)	\$	2,170.00
P10096	20" LED Backlit Monitor	\$	677.50
P10097	23" LED Backlit Monitor	\$	1,050.00
914102/EP	E-Printer Desktop	\$	4,287.50
912810/R	1921 Integrated Services Router	\$	2,750.00
920200	Regional MIS Server Software License (SSL)	\$	1,436.85
920201	Regional MIS Concurrent Client Access License (CCAL)	\$	624.65
920202	Regional MIS PSAP Data Access License	\$	1,312.85
914147	Intrado Call Handling Firewall	\$	3,375.00
920310	Intrado ECaTS+ Interface	\$	6,200.00
913600/S	Satellite Box Plastic Enclosure - Top BOM	\$	775.00
914143/DU	Symantec Antivirus Definition Updates		variable
914114/1	IWS Laptop Computer	\$	6,187.50
914650	USB Headset Adapter	\$	400.00
914571	Split Client Solution	\$	6,237.50
D18880/E	Intrado Master Documentation (English)	\$	310.00
914600/3	IWS External Programmable Keypad Model - 24 Buttons	\$	337.50
914600/4	IWS External Programmable Keypad Model - 48 Buttons	\$	747.50
244P000003-001	Combined Source Audio Cable	\$	250.00
230-999000-001	Connecting Block, 2x25 Pair Male	\$	425.00
924143/2	IWS Elite 8200 - Windows 7 Migration Package	\$	750.00
P10008	License to Connect Non-Intrado Recording Device	\$	4,987.50
GIS-SER	GIS Data Validation and Testing		variable

924143/1	IWS ELITE 8000 - Windows7 Migration package	\$ 750.00
924143/3	IWS Server - Underlying Software - Windows2008 Migration package	\$ 6,400.00
924143/4	IWS Object Server - Underlying Software - Windows2008 Migration package	\$ 3,375.00
924143/5	IWS Server - SQL2008 Migration package	\$ 4,650.00
924143/6	IWS DC7800 - Windows7 Migration package	\$ 1,625.00
924143/7	IWS DC7900 - Windows7 Migration package	\$ 1,625.00
MF-SRV	MapFlex Software license	\$ 24,987.50
ARCGIS-INS	ArcGIS Server/SDE Set Up	variable
MS-ENT	MapSAG Data Management System	\$ 29,875.00
MS-FLT	MapSAG Floating License	\$ 44,875.00
MS-LT	MapSAG LT (Light Version)	\$ 19,987.50
MS-RVR	MapSAG RVR (Reviewer)	\$ 3,625.00
MS-SC	SimpleCell Wireless Mapping	\$ 8,625.00
MS-MB	911 MapBook	\$ 9,875.00
MF-DMS	MapFlex 911 Dispatch Mapping System	\$ 6,812.25
MF-LIS	MapFlex 911 Listener	\$ 9,250.00
MF-GSE	MapFlex GeoSpatial Explorer (GSE)	\$ 43,625.00
MF-HW	MapFlex Server Hardware	\$ 16,250.00
MF-HWBU	Backup Server Hardware	\$ 11,250.00
MF-TRN	MapFlex Training	\$ 750.00
MF-SRV-INS	MapFlex Server Staging	\$ 6,750.00
MF-SRV-SUP	Mapflex Server Support and Maintenance	\$ 6,422.50
ARCGIS-AV	ArcGIS Desktop ArcView 10	\$ 3,750.00
ARCGIS-SVRSE	ArcGIS, Server, Workgroup Standard, Up to 4 cores Software	\$ 25,000.00
ARCGIS-SVRSW	ArcGIS, Server, Enterprise, Standard, Up to 4 cores Software	\$ 50,000.00
MS-SUP	MapSAG Annual Support and Maintenance (Per Year, 2-5)	variable
MSF-SUP	MapSAG Floating Annual Support and Maintenance (Per Year, 2-5)	variable
MS-ICT	MapSAG Individual Class Training (Per Person, Per Day)	variable
SC-INS	SimpleCell Installation, Configuration, Training in Year One	variable
SC-SUP	SimpleCell Annual Support and Maintenance (Per Year, 2-5)	variable
MB-INS	911 MapBook Installation, Configuration, Training in Year One	variable
MB-SUP	911 MapBook Annual Support and Maintenance (Per Year, 2-5)	variable
MF-DMS-SUP	MapFlex 911 Client Support and Maintenance	variable
MF-LIS-INS	MapFlex 911 Listener Installation, Configuration, Training in Year One	variable
MF-LIS-SUP	MapFlex 911 Listener Annual Support and Maintenance (Per Year, 2-5)	variable
MF-GSE-INS	MapFlex GSE Installation, Configuration, Training in Year One	variable
MF-GSE-SUP	MapFlex GSE Updates, Annual Support and Maintenance (Per Year, 2-5)	variable
MF -DMSBU	LICENSE, MapFlex Dispatch Management System (Backup)	\$ 681.23

ARCGISSE-SUP	ArcGIS Server Standard Enterprise Annual Maintenance	\$	5,900.00
GIS-CON	9-1-1 GIS Consulting (Per Hour)		variable
GIS-SV1	Senior 9-1-1 GIS Specialist (Per Hour)		variable
GIS-SV2	9-1-1 GIS Specialist (Per Hour)		variable
GIS-SV3	Mapping Services Specialist (Per Hour)		variable
GIS-MA	Detailed Map Audit	\$	2,487.50
SUP-HR	Support Costs - Non-contracted or non-covered (Per Hour)		variable
SFT-DEV	Software Development Services (Per Hour)		variable
914143	Symantec End Point Protection Manager (EPM)	\$	157.50
914952	IWS Server RACK - Type A	\$	6,682.50
914953	IWS Server RACK - Type B	\$	11,310.00
914955	Hard Drive (Type B),300GB, 6G SAS, 10000rpm, SFF (2.5-inch), SC ENTERPRISE, HOT PLUG	\$	2,192.50
914956	KVM 8-ports (keyboard/LCD/Trackball) (1U)	\$	6,400.00
914957	RocketPort (Quad ports) DB9 PCIe card	\$	912.50
914958	RocketPort (Octa ports) DB9 PCIe card	\$	1,162.50
915101	Sentry Server Console Kit	\$	15,000.00
914114/BAK	Portable 9-1-1 Position (Back-up)	\$	18,600.00
914114/ADD	Portable 9-1-1 Position	\$	37,200.00
P10010	Tap Port set	\$	26,250.00
950516	Professional Services - Intrado	\$	3,750.00
P10016	Service Contract per PSAP, ECATs, SETUP - Single RDDM		variable
P10012	Service Contract per PSAP, ECATs, SETUP - Dual RDDM		variable
P10013	Service Contract per PSAP, ECATs - 3 Years		variable
P10014	Service Contract per PSAP, ECATs - 5 Years		variable
P10015	Service Contract per PSAP, ECATs - 7 Years		variable
P10018	ECATs - Professional Services		variable
P10019	ECATs - Configuration Changes Services		variable
P10059	Service Contract per PSAP, ECATs, SETUP - No RDDM	\$	6,250.00
P10060	Service Contract per PSAP, ECATS, EXTRA RDDM	\$	6,250.00
P10068	Service, ECATS, Reporting for Add-On Modules		variable
E10593	Graphic Card quad monitor	\$	2,000.00
P10028/CD	ClearStats Media	\$	155.00
P10028	ClearStats Server Software License (SSL)	\$	1,596.50
P10029	ClearStats Concurrent Client Access License (CCAL)	\$	1,395.00
912855	VIPER Voice Mail License- Per endpoint	\$	457.25
912890/BB	Media Kit Prebuilt Building Block	\$	155.00
P10064	ITS Service (Monthly)	\$	437.50
P10032	Upgrade Continuity Service (VOW Loaner)	\$	9,000.00
E10642	PowerOps Client Access License	\$	11,625.00
P10035	PowerOps Software Media	\$	155.00
E10643	PowerOps 1st Year 3rd Party App Support		variable
E10648	PowerOps Renewal Year 3rd Party App Support		variable
MS-CL	MapSAG Concurrent Client License	\$	6,250.00
MS-GPS	GPS Collector	\$	5,000.00

GPS-INS	GPS Collector Install, Config and training	\$	1,487.50
GPS-SUP	GPS Collector Support and Maint	\$	1,487.50
950516/P	Premium for Network provisioning services.	\$	6,250.00
E10649	Spectracom Integrated Circuit Glonass satellite time synchronization option	\$	1,512.50
ITXTOTF2	TXT29-1-1 Integrated with Power 911 One-time-fee per PSAP- Target Price 1-4 seats)		variable
ITXTOTF4	TXT29-1-1 Integrated with Power 911 One-time-fee per PSAP- Target Price (5-10 seats)		variable
ITXTOTF6	TXT29-1-1 Integrated with Power 911 One-time-fee per PSAP- Target Price (11+ seats)		variable
ITXTMRF2	TXT29-1-1 Integrated with Power 911 Monthly recurring fee per PSAP- Target Price (1-4 seats)		variable
ITXTMRF4	TXT29-1-1 Integrated with Power 911 Monthly recurring fee per PSAP- Target Price (5-10 seats)		variable
ITXTMRF6	TXT29-1-1 Integrated with Power 911 Monthly recurring fee per PSAP- Target Price (11+ seats)		variable
911510-1	A9-1-1 Connect	\$	5,425.00
911509	A9-1-1 Call Handling Accessories	\$	821.50
911595	A9-1-1 Call Handling Accessories for CCI	\$	767.25
911553	A9C HDT (Headset I/F) Module	\$	821.50
911554	A9C MTI (Misc Tel I/F) Module	\$	1,201.25
911555	A9C TPR (Third-Party Radio I/F) Module	\$	1,356.25
911501	A9C Desk Mounting Kit	\$	302.25
911508	A9C Dual Screen Kit	\$	457.25
911590	Intrado CCI License	\$	9,292.25
911591	CCI Convertible License	\$	12,392.25
960830	M100 Training	\$	5,000.00
960831	M200 Training	\$	6,250.00
960832	M300 Training	\$	6,250.00
960833	M400 Training	\$	6,250.00
960109	M201 Training	\$	6,250.00
960780	Power 911 Admin Training	\$	3,750.00
960840	Self Maintenance Training (on Site)	\$	25,000.00
P10086	ECaTS - Installation Services	\$	3,750.00
P10012/SRV	ECaTS service setup fee per PSAP-dual RDDM-Server Class	\$	27,500.00
P10016/SRV	ECaTS service setup fee per PSAP-single RDDM-Server Class	\$	17,500.00
P10060/SRV	ECaTS extra RDDM-Server Class	\$	9,750.00
912760/2	V-VIPER Base Equipment Two Position Bundle	\$	55,955.00
912760/3	V-VIPER Base Equipment Three Position Bundle	\$	61,070.00
912760/4	V-VIPER Base Equipment Four Position Bundle	\$	73,702.50
912760/5	V-VIPER Base Equipment Five Position Bundle	\$	78,740.00
912750	V-VIPER Cabinet	\$	5,000.00
912761	HP 2530 24 Port Switch	\$	1,300.00
E10022	External Ringer	\$	500.00
912845	IP Phone w/ALI	\$	1,875.00
912847	Expansion Module (snom Vision)	\$	1,500.00
ARCGIS-ST	ArcGIS Desktop Standard (Single) Software	\$	17,500.00
600150	Punch Block	\$	375.00
P10066	ePrinter Server Cable Kit	\$	40.00
C10036	Power Cord Cable with A/C twist lock connector	\$	375.00

MF-SRV/C	MapFlex Server License - Conversion	\$	17,487.50
MF-SRV/U	MapFlex Server License - Upgrade	\$	24,987.50
MF-DMS/C	MapFlex 9-1-1 Client License - Conversion	\$	6,812.25
MF-DMS/U	MapFlex 9-1-1 Client License - Upgrade	\$	6,812.25
912925	SIP I/F to 3rd Party PBX License - per position	\$	3,092.25
913125	ALI Gateway (PAG)	\$	16,412.95
950999/SUB1	Software Subscription Service – Primary Position	\$	3,750.00
950999/SUB1-S	Software Subscription Service – Supplemental Position	\$	1,875.00
950999/SUB1-BU	Software Subscription Service – Back-Up Position	\$	375.00
950999/HPSA1	Hardware Protect: Stand Alone System – Primary Position	\$	1,000.00
950999/HPSA1-S	Hardware Protect: Stand Alone System – Supplemental Position	\$	500.00
950999/HPSA1-BU	Hardware Protect: Stand Alone System – Back-Up Position	\$	100.00
950999/HPMN1	Hardware Protect on a Multi Node System – Primary Position	\$	875.00
950999/HPMN1-S	Hardware Protect: Multi Node System – Supplemental Position	\$	437.50
950999/HPMN1-BU	Hardware Protect: Multi Node System – Back-Up Position	\$	87.50
950999/HPMN1-3	Hardware Protect: Multi Node System – Each System Back Room	\$	5,000.00
950999/PRO1	Software Protection and Remote Technical Support - 1 Year/Position	\$	1,500.00
950999/PRO1-S	Software Protection and Remote Technical Services – Supplemental Position	\$	750.00
950999/PRO1-BU	Software Protection and Remote Technical Services – Back-Up Position	\$	150.00
950999/ONS1-1	On-Site Maintenance (1 Year), (per position / per year for 1 to 10 positions)		variable
950999/ONS1-1-S	On-Site Maintenance: 1 to 10 Pos Sys – Supplemental Position		variable
950999/ONS1-1-BU	On-Site Maintenance: 1 to 10 Pos Sys – Back-Up Position		variable
950999/ONS1-2	On-Site Maintenance (1 Year), (per position / per year for 11 to 20 positions)		variable
950999/ONS1-2-S	On-Site Maintenance: 11 to 20 Pos Sys – Supplemental Position		variable
950999/ONS1-2-BU	On-Site Maintenance: 11 to 20 Pos Sys – Back-Up Position		variable
950999/ONS1-3	On-Site Maintenance (1 Year), (per position / per year for 21+ positions)		variable
950999/ONS1-3-S	On-Site Maintenance: 21+ Pos Sys – Supplemental Position		variable
950999/ONS1-3-BU	On-Site Maintenance: 21+ Pos Sys – Back-Up Position		variable
P10037	ENTRUST IdentityGuard, TOKEN and LICENSE	\$	37.50
E10827	Support, ENTRUST IdentityGuard, Platinum Partner	\$	37.50
950518	Class A Standard Certification – Position Equipment	\$	875.00
950517	Class A Standard Certification – Back Room Equipment	\$	4,375.00
E10823	PowerOps Client Access License - UPGRADE from Power Monitor-Wallboard to PowerOps		variable

P10023	Smart911 Installation One Time Fee (OTF) per PSAP		variable
P10024	Smart911 License (1 to 50 positions) Annual Recurring Fee		variable
P10025	Smart911 License (51 to 99 positions) Annual Recurring Fee		variable
P10026	Smart911 License (100+ positions) Annual Recurring Fee		variable
P10022	Optional SMS add on (ARF)		variable
950510/1	Project Management Services for V-VIPER		variable
950510/2	Project Management Services for Standard VIPER - 1-5 Positions		variable
950510/3	Project Management Services for Standard VIPER - 6-12 Positions		variable
950510/4	Project Management Services for Standard VIPER - 13+ Positions or any Multi Node (max 2 nodes)		variable
P10011	Mounting Kit for Server Replacement	\$	165.00
914641	Plantronics Headset kit with M22 Base Amplifier	\$	677.50
65000-00144	KEY CAP CLEAR 1X1	\$	1.67
04000-00136	ADPTR USB KYBD TO PS/2	\$	5.00
04000-00135	ADPTR USB MOUSE TO PS/2	\$	5.00
04000-02378	CBL CRSSOVR ETHERNET 7FT	\$	5.00
04000-01129	CBL EXT USB A/A 6FT	\$	5.00
04000-10934	CBL PS/2 TO USB ADPTR	\$	6.67
04000-07050	CBL GPS ANTENNA 50FT	\$	303.33
04000-07100	CBL GPS ANTENNA 100FT	\$	445.00
04000-05533	BLKBX TL553A-R3 DATASHARE	\$	1,013.33
04000-08227	GPS ANTENNA PREAMPLIFIER	\$	1,111.67
03059-80010	CORD 6W M/M 14FT	\$	5.00
832204-00501	FUSE KIT MTU PWR SPLY	\$	3.33
862308-03770	22-BTN EXP MOD	\$	245.00
862308-03766	22-BTN EXP MOD PLATINUM	\$	245.00
04000-25250	ADPTR NULL MODEM 25F/25F	\$	13.33
2215192-03	TXT SEN PAT 3.0 SP7 STATS	\$	38.33
64000-20043	HARD DRIVE 160G SATA 310	\$	268.33
65000-00112	GRAPHICS QUAD 128MB PCI	\$	1,188.33
04000-00094	GROUNDBAR FOR 6-AP/6-DP	\$	10.00
64001-20037	HARD DRIVE 72G 10K CPQ	\$	1,105.00
65000-00106	CBL SVGA M/M 6FT	\$	8.33
04000-01106-NYC	WINSELECT 7.0 MAINT SPT	\$	8.33
65000-03133	CBL USB SHLD M/M 10FT	\$	16.67
03057-80110-30	LINE CORD 6W MOD/MOD 30FT	\$	16.67
06000-02440	PWR SPLY RP2440 400MA	\$	16.67
04000-64007	KEY CAPS KEYPAD 683	\$	40.00
65000-00124	CBL PATCH 15FT	\$	23.33
04000-04403	CBL SRL DB9M/DB9F 15FT	\$	23.33
65000-00002	CBL PATCH PNL/SW GRAY 3FT	\$	15.00

65000-00208	CBL STRAIGHT WIRED 20FT	\$	30.00
65000-00164	CBL USB EXT 10FT	\$	30.00
04000-03002	SVR EXCHANGE SCANMAIL	\$	45.00
61000-409602XP	WKST HP Z210 XP	\$	2,691.67
04000-99107	PWR STRIP 6-OUTLET	\$	36.67
04000-01206-NYC	WINSELECT 7.0 LI 501-1000	\$	36.67
6400C-60011	DVD-RW XW4300/4400	\$	73.33
04000-00408	INVERTER DC TO AC BRKT	\$	73.33
65000-30515	CBL USB EXT 6FT	\$	21.67
04000-00078	CBL EXT VIDEO MNTR 15FT	\$	43.33
06000-00101	E911 10-BASE T PROTECTOR	\$	43.33
65000-00431	CBL KVM SRL PS2 2FT	\$	65.00
04000-00134	SVR EX 2007 STD PER POSI	\$	65.00
65000-00448	CBL MINI-SAS HD CAGE	\$	86.67
800926-00103G	ADPTR 2 PRONG TO MOD JACK	\$	21.67
65000-00204	CBL SWITCH/KVM PS2 1FT	\$	93.33
04000-26958	ADPTR DISPLAY PORT-DVI D	\$	50.00
830801-01901-5	CBL ACU JKBX 5FT	\$	50.00
04000-60615	CBL KVM USB 15FT	\$	50.00
65000-00219	CBL DIGI DTE FAN 8-PORT	\$	106.67
65000-00202	CBL PATCH SNAGLESS 24FT	\$	28.33
04000-01061	CBL RJ45/DB25F SVR 4FT	\$	28.33
04000-01062	CBL RJ45/DB25M SVR 4FT	\$	28.33
04000-01063	CBL RJ45/DB9F SVR 4FT	\$	28.33
04000-01064	CBL RJ45/DB9M SVR 3FT	\$	28.33
65000-13401	CBL USB 2.0 A/B 5M	\$	28.33
04000-00419	PARALLEL PRNTR RIBBON	\$	28.33
04000-30183	ML350/5 PARA/SER PORT KIT	\$	56.67
2210223-2-SR4	DB09/DB09P RD RCP	\$	63.33
65000-00205	CBL PATCH RJ45/RJ45 25FT	\$	63.33
04000-43112	PWR SPLY 2004 IP PHN	\$	63.33
04000-00324	SQL SVR 2008 STD CLT RUN	\$	98.33
2214310-1-SR1	CBL KVM	\$	35.00
63000-171920	MNTR SPKR BAR HP	\$	35.00
04000-01055	KVM MINI USB EXT PWR SPLY	\$	70.00
04000-00284	SQL 2005 CAL RUNTIME STD	\$	111.67
65000-00172	CBL EXT KMM USB 15FT	\$	76.67
04000-60018	EXT XP SPT DOD	\$	891.67
04000-05135	ADPTR DP (M) TO VGA (F)	\$	41.67
04000-00427	BLKBX USB HUB Z200/210	\$	41.67
06500-10758	RACK PERIPHERAL SHELF BK	\$	125.00
04000-00328	SQL 2008 CAL RUNTIME STD	\$	125.00
04000-03902	USB HUB W/PWR SPLY 4-PORT	\$	48.33
04000-01018	CBL DVI KVM EXT KIT	\$	55.00
65013-50012	MOUSE TRACKBALL	\$	55.00
04000-00262	TRANSFORMER W/DIN CONN	\$	55.00
862304-01603	PHN 1100 PWR SPLY BNDL	\$	55.00
853031-DLVLS-SGL	V-DL SVR VLS BNDL SNGL	\$	48,496.67
04000-09384	PWR SPLY NETCLOCK 93XX	\$	178.33
6400C-40033	2GB RAM DDR3-1600 Z220	\$	61.67
99908-07151-030	CBL 25PR 30FT F/F	\$	61.67
65000-00016	CBL EXT K/M/M PS/2 10FT	\$	61.67
04000-00041	TOOL KIT PC	\$	123.33
64000-40101	4GB RAM Z230	\$	185.00
65000-00169	CBL PS2 KVM 42U CAB HP	\$	253.33
65000-00449	CBL PWR HD CAGE	\$	130.00
64000-50004	DATA CART HP LTO4 1.6TB	\$	68.33
64000-50005	CART CLEAN HP LTO	\$	136.67
830801-02301	A-B SWITCH PWR SPLY	\$	68.33

04000-01020	CBL DUAL LINK DVI-D 35FT	\$	75.00
6402C-00595	KYBD MIN EMBD KYPD	\$	75.00
65000-00031	CBL K/M/M 35FT	\$	225.00
65000-00234	CBL PWR 350P/G8 DRV CAGE	\$	156.67
64000-20052	HARD DRIVE 160GB SATA HP	\$	238.33
6404C-60015	PRNTR CART 6312 BLK	\$	238.33
64000-40012	2G RAM DELL 690	\$	163.33
65000-52110-18	CBL VIDEO DVI 18FT	\$	163.33
64007-50014	KEYPAD 24 KEY 5FT CBL	\$	163.33
04000-01043	POWER STRIP 8 OUTLET RM	\$	163.33
06000-03106	PWR SPLY ML310E/G8	\$	340.00
04000-26957	ADPTR DISPLAY PORT-VGA	\$	88.33
65000-00137	CTLR SATA 2-PORT	\$	88.33
04000-00096	E911 RM RACK MNT 10-POS	\$	88.33
06000-14300	PWR SPLY XW4300	\$	265.00
04000-07107	LIC IP PALLAS PBX 5/6.0	\$	176.67
64000-40086	1GB RAM 800MHZ	\$	95.00
06500-00201	2-POST RELAY RACK MNT KIT	\$	285.00
04000-01031	CONVERTER WIRE HYBRID	\$	285.00
06000-02100	PWR SPLY 400W Z210/Z220	\$	285.00
04000-07102	LIC VCS 5.5 IP PHN	\$	210.00
65000-00166	CBL PWR SUPPLY 2960	\$	108.33
04000-00710	FAN CHASSIS XW4100	\$	108.33
65000-00452	CBL MINI-SAS 380P/G8 CAGE	\$	216.67
04000-01004	KVM R-MNT SWITCH 4-PORT	\$	331.67
64000-20063	HARD DRIVE 250GB Z210	\$	223.33
64000-20070	HARD DRIVE 250GB Z210	\$	223.33
64000-20068	HARD DRIVE 500GB LFF	\$	446.67
04000-01801	CBL FAN DB25M HD68 8-PORT	\$	115.00
6404C-60014	PRNTR RIBBON 6312 60M BLK	\$	115.00
04000-01220	PWR DISTRIBUTION RCKMT	\$	115.00
04000-00340	SQL 2008R2 SVR RUN ENT	\$	115.00
04000-00607	CBL KVM USB CONSOLE	\$	230.00
63000-172808	MNTR FP 17IN	\$	351.67
830801-01901-30	CBL ACU JKBX 30FT	\$	121.67
6400C-40030	2GB RAM ML370/3	\$	371.67
64000-40092	2GB RAM Z210	\$	128.33
65000-46201	MNTR STAND 46IN LCD	\$	128.33
06000-00620	PWR SPLY DELL GX620	\$	128.33
64040-60099	PRNTR CART 4350DTN BLK	\$	411.67
65000-00453	CBL PWR 380P/G8 DRV CAGE	\$	141.67
04000-00093	E911 CARD INTER ISOBASIC	\$	141.67
04000-00394	SVR WIN2008 CAL 5-PK	\$	290.00
6400C-20012	HARD DRIVE 73G 15K BKUP	\$	606.67
64000-40098	4GB RAM ML310E/G8	\$	155.00
04000-08231	GPS ANTENNA POST MT KIT	\$	155.00
04000-01056	KVM MINI USB EXT RACK KIT	\$	155.00
04000-38056	DRAWER KYBD CPQ	\$	471.67
64000-30024	PROCESSOR QUAD E5520 2.26	\$	1,111.67
64000-30021	DVD-RW XW4600	\$	175.00
64040-60111	PRNTR SVR EW2500	\$	531.67
63006-172803	MNTR FP DELL 17IN	\$	356.67
04401-00093	BATTERY EX LIFE HP 8-CELL	\$	363.33
06000-03705	PWR SPLY ML370/G5 RDNT	\$	363.33
65000-00185	RACK KIT HP TOWER WKSTN	\$	363.33
64000-03102	PWR SPLY ML310/2	\$	558.33
04000-01053	CBL ANALOG QUAD UPGD	\$	188.33
04000-00311	HEAT SINK XW4100	\$	195.00
65000-00151	SRL 4S PCI EXP CARD	\$	195.00

65000-00227	NIC ETHERNET ADPTR 2-PORT	\$	403.33
64040-60090	PRNTR CART 5550HDN BLK	\$	410.00
65000-00451	DRIVE CAGE DL380P/G8	\$	416.67
64000-40100	16GB RAM DL380P/G8 HI END	\$	423.33
04000-11050	V-WKST V10 LIC	\$	423.33
64000-30017	CD-RW/DVD XW4100/4200	\$	228.33
64000-20036	HARD DRIVE 160GB XW4100	\$	456.67
64040-60102	PRNTR CART CP3505 BLK	\$	241.67
63002-192808	MNTR W/SPKR BLK NEC 19IN	\$	483.33
03800-03040	FIREWALL MODEM 60D	\$	725.00
64040-60098	PRNTR CART 9050DN BLK	\$	503.33
64040-60106	PRNTR CART 9050MFP BLK	\$	503.33
06000-03506	PWR SPLY ML/DL350/370 G6	\$	516.67
04000-30182	USB/SRL HUB KIT	\$	543.33
04000-002B2	KVM 2-PORT SWITCH	\$	590.00
04000-00429	WINDOWS 7 PRO LIC	\$	603.33
06000-04100	PWR SPLY XW4100	\$	315.00
06000-03560	PWR SPLY C3560X SWITCH	\$	670.00
04000-00398	PC ANYWHERE 12.5 HST/REM	\$	341.67
04400-00415	E911 EXTERNAL UPS BAT REP	\$	696.67
65000-00232	SMART ARRAY 2GB P CACHE	\$	1,045.00
65000-00229	NIC 1GB 4-PORT G8	\$	730.00
64007-50019	KEYPAD 35KEY USB 25FT CBL	\$	375.00
65000-00222	KIT DIGI 8-PORT	\$	763.33
06202-01120	E911 PWR CONDITION 16A	\$	1,151.67
6400C-20023	HARD DRIVE 73G U320 BU	\$	388.33
04000-00084	KIT BKUP 500GB SATA	\$	388.33
65000-00187	GRAPHICS NVS295 BNDL	\$	395.00
04401-00096	BATTERY 9-CELL 73WH	\$	401.67
64000-20060	HARD DRIVE 450GB SAS 10K	\$	1,238.33
64000-40068	2GB RAM ML370G5 DL380G5	\$	836.67
64034-50203	MODEM RS232 202T	\$	836.67
04000-07200	CBL GPS ANTENNA 200FT	\$	843.33
63002-172809	MNTR SRL TS W/SPKR 17IN	\$	1,305.00
04401-30072	BATTERY UPS RM 72V	\$	1,351.67
04000-20600	GND KIT FOR 8226	\$	468.33
03800-03030	FIREWALL- MODEM 60CM	\$	963.33
64000-20071	HARD DRIVE 450GB 15K SAS	\$	963.33
65000-00446	SMART ARRAY P410/512 BBWC	\$	970.00
04000-30181	USB/SRL HUB	\$	488.33
63000-221691	MNTR FP WIDE SCR LCD 22IN	\$	548.33
64000-20069	HARD DRIVE 1TB LFF	\$	555.00
04000-00085	KIT BKUP 1TB SATA	\$	568.33
06200-00501	E911 1500VA UPS	\$	2,320.00
04000-01081	HWIC FE 1-PORT	\$	1,223.33
04000-02951	ROUTER 2951/K9 BNDL	\$	8,141.67
63000-241691	MNTR 24IN FP WIDE SCR LCD	\$	635.00
65000-00450	BACKPLANE BD HD CAGE	\$	648.33
04000-01049	SWITCH PROCURVE 24-PORT	\$	648.33
63002-249001	MNTR NEC LCD 24IN	\$	2,058.33
65000-00123	KIT RACK MNT 330/310 SVR	\$	688.33
04000-12B12	KVM SWITCH 12-PORT	\$	2,178.33
04400-00412	E911 EXTERNAL UPS BAT REP	\$	728.33
64000-20056	HARD DRIVE 146GB SAS 15K	\$	728.33
64000-20057	HD DRIVE 300GB SAS 10K G7	\$	728.33
862304-01602	PHN 1140E BNDL VCS R6.0	\$	1,496.67
64000-20051	HARD DRIVE 72GB SAS 15K	\$	761.67
04000-00420	CALL RECORD PRNTR HI END	\$	781.67
64000-20061	HARD DRIVE 600GB SAS 10K	\$	1,576.67

04000-02900	ROUTER 2900 DATA LIC	\$	841.67
04000-02901	ROUTER 2900 UC LIC	\$	841.67
04000-68002	V-SVR OS FND PER CPU	\$	841.67
04000-68003	V-SVR OS STD PER CPU	\$	1,690.00
64000-30032	PROCESSOR E52609 DL380PG8	\$	855.00
04000-00397	SVR WIN 2008 + 10 CAL	\$	1,710.00
04000-00393	SVR WIN 2008 DGRD + 10CAL	\$	1,710.00
861390-00201	ORVL MAP BLD-ADD LAYER	\$	1,763.33
04400-00417	E911 BATTERY CABINET	\$	908.33
850830-03011	KIT EXT MODEM PKG 56K	\$	975.00
04000-26202	SWITCH 2620 POE 24-PORT	\$	1,976.67
862308-01401	ADID 8-PORT MODULE	\$	2,036.67
861363-00201	ORVL MAP-RPT ADDRESS	\$	1,101.67
861363-00101	ORVL MAP-RPT CTRLN	\$	1,101.67
04000-26204	SWITCH 2620 POE 48-PORT	\$	3,398.33
04000-01087	GBIC SFP MOD GLC-LH-SM	\$	1,135.00
861390-00101	ORVL MAP BUILD-STD	\$	3,471.67
63009-192801	MNTR RACK KYBD 1U 19IN	\$	1,161.67
64000-30033	PROCESSOR E52640 DL380PG8	\$	2,323.33
06200-02100	UPS 2000VA 120V	\$	2,350.00
04000-01080	HWIC GE SFP 1-PORT	\$	2,443.33
04000-00257	READER BD 4160C LED	\$	3,805.00
61000-G409601W7	RP SFF DKTP W7	\$	2,610.00
61000-G409601X	RP SFF DKTP XP	\$	2,610.00
61000-409603SFFX	WKST HP Z220 SFF XP	\$	2,650.00
862304-01601	PHN 1140E BNDL VCS R5.5	\$	1,375.00
64000-30034	PROCESSOR E5630 2.53GHZ	\$	1,435.00
61000-409603MGT	WKST MGMT ESXI	\$	1,441.67
64000-30027	PROCESSOR E5645 ML350/G6	\$	1,535.00
04000-01085	GBIC SFP MOD GLC-BX-D	\$	1,568.33
04000-01086	GBIC SFP MOD GLC-BX-U	\$	1,568.33
04000-08177	DISPLAY CLOCK 4IN LED	\$	1,575.00
65000-00161	SRL PCI 16-PORT	\$	1,641.67
63002-219001	MNTR NEC LCD 21IN	\$	1,668.33
65000-00157	SRL ADPTR 16-PORT	\$	1,668.33
04000-29011	ROUTER 2901 V/K9 BNDL	\$	3,490.00
65000-49125	AVIO F125 RCVR	\$	3,530.00
65000-48125	AVIO F125 TRNSMTR	\$	3,530.00
809800-02299	ORVL SPT RNSTMNT	variable	
61000-409605SFF	WKST HP Z230 SFF	\$	2,048.33
65000-00214-B	DRIVE CAGE BNDL 350P/G8	\$	2,408.33
62033-8G12T02	SVR NAS 12TB BNDL	\$	9,980.00
04000-09388	ETHERNET TIME SVR 9388	\$	2,621.67
61050-G409601	LAPTOP ZBOOK15 W7	\$	2,708.33
61000-F409601X	WKST Z600 PCIE LOM CONT	\$	5,930.00
63002-202502	MNTR FP TS BLK 20IN	\$	3,048.33
850830-04202	KIT INT TAPE BKUP G6/G7	\$	6,103.33
04000-02911	ROUTER 2911/K9 BNDL	\$	3,221.67
04000-11040	FIREWALL S1104 APPL	\$	3,375.00
04000-29010	ROUTER 2901 V/K9	\$	3,455.00
62040-G614401	SVR RACK DL380/G6	\$	6,976.67
04000-03912	SVR EXCH 2007 25 CAL	\$	7,076.67
06200-03100	UPS 3000VA 120V	\$	3,668.33
04000-03376	ADTRAN CHNL BANK	\$	3,708.33
04000-60013	IRONMAIL JUMP START TRNG	\$	7,530.00
04000-09483	NETCLOCK 9483	\$	7,743.33
62040-J163841	SVR RACK DL380P/G8	\$	5,555.00
63002-55051	MNTR WALL MNT 55IN	\$	5,621.67
64000-50001	RACK MNT 1U LT04 1760SAS	\$	5,821.67

62040-G409601	SVR RACK DL380/G7	\$	6,248.33
62040-G409601SP	SVR RACK DL380/G7 BNDL	\$	6,668.33
04000-00341	SQL 2008 SVR RUN ENT PROC	\$	17,943.33
04000-09484	NETCLOCK 9483 + OCXO	\$	8,975.00
62033-8G12T01	SVR NAS 12TB	\$	9,975.00
853031-DLLL-GEO	V-DL SVR LG LOW BNDL GEO	\$	22,361.67
65000-00018	CBL EXT CMPTR/MNTR 12FT	\$	6.67
03057-80110-8	LINE CORD 6W MOD/MOD 8FT	\$	6.67
04000-00079	CBL 15FT EXT USB (MOUSE)	\$	13.33
04000-01010	CBL DB25M/DB25M 10FT	\$	13.33
04000-01102	CBL DUAL LINK DVI-D 6FT	\$	13.33
65000-13400	CBL USB 2.0 A/B 3M	\$	13.33
03057-80110-21	LINE CORD 6W MOD/MOD 21FT	\$	13.33
65000-00032	CBL EXT KYPD 5FT	\$	26.67
65000-00119	CBL USB 2.0 A/B 3M	\$	26.67
65000-00065	CBL PRINT PARALLEL 10FT	\$	33.33
04000-50032	SEISMIC BRACING KIT	\$	33.33
04000-01009	CBL 25PR M/M GRAY 15FT	\$	40.00
04000-01067-17	CBL SER DB25F/DB9 17FT	\$	46.67
64020-10012	KYBD USB STD	\$	46.67
2213050-1-SR1	AMPLIFIED SPKR	\$	53.33
06000-00301	E911 DB9 PROTECTOR EIA	\$	53.33
04000-04013	SRL ADPTR DKTP SFF	\$	53.33
65000-00176	CBL USB EXT REPEAT 16FT	\$	60.00
830801-03101	CBL ACU ON-BOARD SND 10FT	\$	66.67
04000-04100	CBL STATION RS-485 100FT	\$	66.67
04000-00326	LIC REALVNC REMOTE	\$	66.67
830801-01901-15	CBL ACU JKBX 15FT	\$	73.33
64021-10025	KYBD/MOUSE BNDL	\$	73.33
04000-03006	EXPRESS ENDPOINT PROTECT	\$	80.00
65000-00165	CTRL SATA PCI-E	\$	86.67
04000-00907	CBL SDLT SCSI 68-PIN	\$	93.33
04000-00711	FAN PROCESSOR ML330/3	\$	100.00
6400C-20025	HARD DRIVE 160GB PATA	\$	100.00
65000-00030	CBL EXT K/M/M 15FT	\$	106.67
65000-00141	CBL USB/AUDIO 10FT	\$	106.67
06500-02300	SHELF 19IN CAB MT BLK	\$	133.33
65000-00171	BRKT WALL MNT MNTR LCD LG	\$	180.00
65000-00120	GRAPHICS DUAL 32MB AGP 15	\$	180.00
64000-30016	CD-RW/DVD DC7600MT	\$	186.67
65000-00212	DRIVE CAGE KIT ML370/G6	\$	186.67
64000-40085	2GB RAM ML/DL G6 SVR	\$	193.33
64000-30022	DVD-RW ML310G5/ML350/70G6	\$	193.33
64007-50017	KEYPAD 24KEY 25FT CBL	\$	193.33
65000-00233	CBL MINI-SAS 350P/G8 CAGE	\$	200.00
64000-50006	CBL SAS MIN-MIN KIT	\$	200.00
04000-00608	KVM CAT4 USB ADPTR	\$	200.00
64000-20048	HARD DRIVE 160GB SATA XW	\$	213.33
64000-20054	HARD DRIVE 250GB SATA NCQ	\$	213.33
64000-30019	CD-RW/DVD DL380G5	\$	226.67
65000-00447	DVD/RW DRIVE DL380G7	\$	226.67
06000-04200	PWR SPLY XW4200	\$	233.33
00600-20142	CABINET ROOF FAN HOLE	\$	246.67
64000-40099	8GB RAM ML310E/G8	\$	286.67
04401-00094	BATTERY 6-CELL LITH ION	\$	286.67
64000-20151	HARD DRIVE 500 GB Z230	\$	293.33
04000-00339	SQL 2008R2 CAL RUN ENT	\$	293.33
65000-00230	DRIVE CAGE LFF ML350P/G8	\$	300.00
06500-19150	SHELF RACK DBL BLK 19IN	\$	326.67

64000-40090	4GB RAM SVR	\$	373.33
63000-202502	MNTR FP WIDE SCR LCD 20IN	\$	393.33
6300C-172804	MNTR KIT W/SPKR BAR 17IN	\$	406.67
06000-03303	PWR SPLY ML330/3	\$	426.67
65000-00046	PATCH PNL 48-PORT	\$	440.00
65000-00253	GRAPHICS 256MB DUAL/QUAD	\$	446.67
65000-00254	GRAPHICS PCI-E DUAL/QUAD	\$	446.67
04000-41000	FXS QUAD PORT MOD	\$	453.33
63002-55052	MNTR SPKR R/L 55IN	\$	460.00
64000-50002	SMART ARRAY P212 CTRL	\$	460.00
06000-03805	PWR SPLY DL380G5	\$	480.00
04000-01084	SFF 1000BASE-T	\$	480.00
6204C-60023	PRINT SVR 420 PRINTER	\$	486.67
64000-50003	HOST BUS ADPTR H222	\$	513.33
6400C-10016	KIT ARBITRATOR 4-PORT	\$	513.33
06200-03101	BATT REPLC UPS 3000/2000	\$	520.00
04000-08230	GPS/GNSS OUTDOOR ANTENNA	\$	540.00
04000-01073	MINI-GBIC GIGABIT-SX-LC	\$	573.33
64040-60091	PRNTR CART 5550HDN CYAN	\$	573.33
64040-60093	PRNTR CART 5550HDN MAGENT	\$	573.33
64040-60092	PRNTR CART 5550HDN YELLOW	\$	573.33
64001-20035	HARD DRIVE 36G 15K CPQ	\$	680.00
65000-00218	RACK SRL PCI/E 16-PORT	\$	720.00
04000-01920	ROUTER 1900 DATA LIC	\$	726.67
64001-20039	HARD DRIVE 36GB ML330	\$	773.33
6404C-60020	PRNTR DOT MATRIX 9-PIN	\$	813.33
04000-0LX44	SOUND CARD PCI 4-CHNL	\$	913.33
65000-00213	SAS CTRL 370/G6	\$	980.00
64000-03105	MOTHERBOARD ML310G5/G5P	\$	1,046.67
04000-008B8	KVM SWITCH 8-PORT	\$	1,160.00
65000-00256	GRAPHICS QUAD 1GB PCI-E	\$	1,180.00
64000-30025	PROCESSOR E5520 DL380/6	\$	1,180.00
04000-01054	KVM MINI USB EXT	\$	1,386.67
04000-00392	SVR WIN2008 R2 DGRD +5CAL	\$	1,420.00
62033-1GB2T02	SVR NAS 2TB BNDL	\$	1,546.67
04000-26203	SWITCH 2620 48-PORT	\$	1,580.00
63010-222801	MNTR TS BLK WIDE 22IN	\$	1,606.67
852604-00101	SALI EXT MODEM KIT	\$	1,713.33
04000-29016	VVIC3-1MFT-T1/E1 1-PORT	\$	1,733.33
06200-00401	E911 1000VA UPS	\$	1,806.67
61050-J409611-W7	SENT CPOST 8570P W7	\$	2,320.00
61000-409605TWR	WKST HP Z230 TOWER	\$	2,373.33
65000-00451-B	DRIVE CAGE BNDL 380P/G8	\$	2,526.67
04000-00407	INVERTER DC TO AC 1400VA	\$	2,606.67
63009-152801	MNTR RACK KYBD 1U 15IN	\$	2,713.33
63002-467401	MNTR LCD 46IN	\$	3,580.00
04000-01082	SWITCH 2960S POE 24-PORT	\$	4,833.33
62040-J819201	SVR RACK ML350P/G8	\$	4,866.67
62030-J819201	SVR TWR ML350P/G8	\$	5,000.00
04000-60028	WIN SVR 2008R2 ENT +10CAL	\$	5,133.33
00600-20044	CABINET 37U	\$	5,413.33
62040-G819201	SVR 2U RACK DL380P/G8	\$	5,980.00
850830-04101	KIT EXT TAPE BKUP G8	\$	6,693.33
04000-09486	NETCLOCK 9483 + 3-PORT	\$	10,400.00
04000-10010	CBL SRL DB9M/DB9F 10FT	\$	13.33
04000-78203	DUAL FOOTSTAND	\$	46.67
850804-00101	KIT BKRM UTP DOUBLER	\$	53.33
830801-02201-10	CBL ACU AUDIO/DELTA 10FT	\$	66.67
04000-00048	PUNCH BLOCK MALE/MALE	\$	66.67

04000-43111	IP KEY EXP MOD 2004 PHN	\$	440.00
04000-43120	IP KEY EXP MOD 1120/1140E	\$	546.67
04000-00290	ALPHA READER BD 7200C	\$	7,040.00
830801-03001-16	CBL ACU RADIO PHN 16FT	\$	80.00
862304-01701	PHN 1120E BNDL VCS R6.0	\$	1,046.67
04000-01069	GNDR CHGR DB9M/DB9F	\$	1.93
853031-DLMGS-SGL	V-DL SVR MGS BNDL SNGL	\$	59,958.33
64040-60018	PRNTR COLOR LASERJET	\$	8,871.67
04000-68004	V-SVR MGMT CTR PER SYS	\$	8,151.67
853031-DLMGS-GEO	V-DL SVR MG BNDL GEO	\$	34,331.67
03800-37501	SWITCH 3750X +CBL 24-PORT	\$	12,343.33
04000-09485	NETCLOCK 9483 +OCXO+3PORT	\$	11,630.00
863014-00103	PERIPHERAL VIRTUAL KIT	\$	5,491.67
04000-00428	SVR 2008 R2 ENT DGRD 10CA	\$	5,085.00
00600-13488	CABINET 20U PKG	\$	5,031.67
62040-E163841	SVR RACK HI-END DL380P/G8	\$	8,836.67
04000-02921	ROUTER 2921/K9 BNDL	\$	4,351.67
00600-13201	CABINET 23U PKG BLK	\$	4,278.33
03800-37500	SWITCH 3750X 24-PORT	\$	12,168.33
850830-02402	KIT RACK MTG TAPE BKUP	\$	6,643.33
809800-29107	V-WKST VRT CFG DOD SYS	\$	8,568.33
62033-2GB4T02	SVR NAS 4TB BNDL	\$	2,758.33
04000-00289	READER BD 4240C LED	\$	7,381.67
04000-93198	OR ARCVIEW LIC/MEDIA	\$	2,325.00
03800-35702	3750X SVC MOD	\$	4,483.33
61000-409601USD	DKTP 800 G1 ULTRA SLIM	\$	2,078.33
850830-04201	KIT INT TAPE BKUP G8	\$	6,155.00
809800-02298	ORDS CTR SVR SPT RNSTMNT	variable	
64000-50000	TAPE INT LTO-4 1760 SAS	\$	5,235.00
62001-00017	SALI SVR RACK 350G6	\$	6,826.67
04401-30192	BATTERY UPS 192V	\$	1,645.00
63002-202501	MNTR FP BK NEC 20IN	\$	1,511.67
06200-00301	E911 700VA UPS	\$	1,485.00
04000-01089	GBIC SFP MOD GLC-ZX-SM	\$	4,381.67
04000-00396	SVR WIN 2008 + 5 CAL	\$	1,425.00
04000-01074	MINI-GBIC GIGABIT-LX-LC	\$	1,231.67
04000-01914	ROUTER 1900 SEC LIC	\$	1,211.67
65000-00162	SRL PCI 8-PORT	\$	1,185.00
04000-02051	DKTP APPL PCI	\$	2,283.33
06200-03303	UPS 3000VA RM 3U	\$	2,270.00
64040-60084	PRNTR COLOR NTWK LASER	\$	1,038.33
06200-03102	BATT REPLC UPS 3000XL	\$	998.33
64000-30031	PROCESSOR E52620 350pG8	\$	978.33
64040-60083	PRNTR P3015DN BLK/WHT	\$	1,863.33
65000-00231	SMART ARRAY P420/2GB FBWC	\$	1,856.67
62030-K819201	SVR TWR ML310E G8 V2	\$	2,781.67
862304-01702	PHN 1120E BNDL VCS R5.5	\$	925.00
04000-26201	SWITCH 2620 24-PORT	\$	905.00
809800-02297	ORDS HOST/LAN SPT RNSTMNT	variable	
06200-00701	E911 700VA SINERGY UPS	\$	858.33
61000-409605MGT	WKST MGMT ESXI	\$	1,683.33
64040-60100	PRNTR TONE 4350DTN 2PAK B	\$	785.00
04000-00486	LAPTOP DOCKING STATION	\$	671.67
2214248-1-SR1	17IN LCD W/SPKR BLK	\$	658.33
04000-01079	GBIC 1000BASE-X-SFP	\$	611.67
64000-03106	MOTHERBOARD XW4200	\$	611.67
04000-01048	SWITCH 2610 POE 24-PORT	\$	2,206.67
64034-50015	MODEM 56K EXT SVR	\$	538.33
65000-00255	GRAPHICS QUAD 512MB PCI-E	\$	1,076.67

06500-37353	TRAY KYBD/MNTR	\$	531.67
04000-01900	RACK MNT KIT 1921 ROUTER	\$	1,561.67
63006-172802	MNTR KYBD DELL 17IN	\$	2,060.00
04401-30092	BATTERY UPS RM 48V	\$	1,906.67
04401-00097	BATTERY 9-CELL 100W	\$	471.67
64000-20058	HARD DRIVE 146GB SAS 10K	\$	458.33
06200-03304	BATT REPLC UPS 3000-3U	\$	445.00
64000-20042	HARD DRIVE 160GB XW4200	\$	425.00
6300C-192611	MNTR KIT W/SPKR BAR 19IN	\$	418.33
870899-01601	R4 IRR UPGD W/HASP	\$	816.67
04000-00389	PC ANYWHERE HOST/REM 12.5	\$	405.00
65000-00445	DRIVE CAGE DL380G7	\$	391.67
63000-192610	MNTR LCD 19IN	\$	378.33
853031-DLVLS-GEO	V-DL SVR VLS BNDL GEO	\$	32,795.00
04000-004B4	KVM 4-PORT SWITCH	\$	736.67
63002-172805	MNTR NEC 17IN	\$	365.00
04000-01040	SWITCH KVM PS2/USB 8-PORT	\$	716.67
04000-22203	22BTN ADDON MOD	\$	358.33
64000-20066	HARD DRIVE 600GB SAS 10K	\$	1,061.67
04000-01027	SWITCH RACK MNT 24-PORT	\$	1,751.67
64000-40091	8GB RAM SVR	\$	690.00
65000-00220	CARD SRL PCI/E 8-PORT	\$	656.67
04000-03031	FIREWALL CR15ING BNDL	\$	656.67
65000-00085	HARD DRIVE FRAME/CARRIER	\$	325.00
64040-60103	PRNTR CART CP3505 CYAN	\$	311.67
64040-60105	PRNTR CART CP3505 MAGENTA	\$	311.67
64040-60104	PRNTR CART CP3505 YELLOW	\$	311.67
64040-60019	PRNTR USB COLOR	\$	298.33
04400-00405	E911 INTERNAL UPS BAT REP	\$	590.00
04000-01011	KVM SWITCH DVI 2-PORT	\$	291.67
04000-03566	TELEPHONE CALLCENTER PLAT	\$	855.00
64040-60095	PRNTR CART 9500MFP CYAN	\$	563.33
64040-60097	PRNTR CART 9500MFP MAGENT	\$	563.33
64040-60096	PRNTR CART 9500MFP YELLOW	\$	563.33
850830-02701	KIT MODEM 202T ADPTR	\$	841.67
64040-60094	PRNTR CART 9500MFP BLK	\$	278.33
64040-60101	M4345X PRINTER CART BLACK	\$	271.67
65000-00183	NIC PCIE CARD ML330/G6	\$	265.00
65000-00175	SMART ARRAY P400 CTRL	\$	721.67
06000-00200	PWR SPLY Z200 WKST	\$	238.33
65000-00082	TAPE CART SDLT	\$	231.67
65000-00155	CARRIER/FRAME SATA	\$	225.00
06000-04400	PWR SPLY XW4400	\$	450.00
06000-03806	PWR SPLY DL380 G6	\$	443.33
64000-30020	CD-RW/DVD XW4300/4400	\$	211.67
64040-60020	PRNTR USB B/W LASERJET	\$	621.67
65000-00174	ADPTR STORAGE CTRL	\$	403.33
04000-08226	GPS ANTENNA SURG PROTECTR	\$	403.33
2213775-1-SR1	PCI CARD WITH 24 I/O	\$	403.33
65000-52110-30	CBL VIDEO DVI 30FT	\$	198.33
64000-20062	HARD DRIVE 250GB ML330	\$	198.33
6404C-60016	PRNTR CART 6218 BLK	\$	198.33
64000-20041	HARD DRIVE 80GB XW4200	\$	383.33
04000-60612	CBL KVM USB 20FT	\$	185.00
04000-00399	PC ANYWHERE HOST MULTI	\$	185.00
04401-00095	BATTERY 9-CELL LITH ION	\$	555.00
65000-30026	DVD X16 SATA LIGHTSCRIBE	\$	363.33
64007-50015	KEYPAD 35 KEY 5FT CBL	\$	363.33
65000-00258	GRAPHICS NVS310 BNDL	\$	508.33

04000-68001	V-SVR OS BASIC PER CPU	\$	501.67
64000-20037	HARD DRIVE 36GB NHS 310	\$	495.00
862308-01201	COOLING FAN SPARE FRU EXP	\$	330.00
04000-07103	LIC VCS 6.0 IP PHN	\$	330.00
06000-03808	PWR SPLY DL380P/G8	\$	488.33
65000-00001G	PATCH PNL 12-PORT	\$	158.33
06000-03105	PWR SPLY ML310G5/G5P	\$	296.67
64000-40088	1GB RAM XW4100	\$	145.00
06000-04600	PWR SPLY XW4600	\$	290.00
04000-00410	RAIL KIT DL380 G8 SVR	\$	290.00
04000-00706	FAN KIT BLK	\$	283.33
65000-00203	CBL CMTR/SWITCH PS2 10FT	\$	138.33
04000-60616	CBL KVM PS/2 PC 20FT	\$	138.33
04000-60611	CBL KVM USB 10FT	\$	138.33
04000-01005	KVM SWITCH DVI 4-PORT	\$	401.67
04000-01901	RACK MNT KIT 1921 ROUTER	\$	131.67
65000-00005G	PATCH PNL 24-PORT	\$	263.33
06000-00230	Z230 240W PWR SPLY	\$	125.00
04000-01038	KVM SWITCH USB 4-PORT	\$	250.00
04000-00487	ADVANCED E6420 STATION	\$	368.33
04000-07025	CBL GPS ANTENNA 25FT	\$	243.33
04000-01002	KVM SWITCH 2-PORT	\$	243.33
64034-50014	MODEM 56K EXT	\$	243.33
6400C-20022	HARD DRIVE 500GB SATA	\$	111.67
04000-03903	USB EXT KIT GEN KYPD	\$	111.67
6400C-10014	KIT ARBITRATOR 2-PORT	\$	321.67
04000-00097	E911 RM RACK MNT 16-POS	\$	105.00
04000-00358	SW PATCH MGMT SVR	\$	105.00
64000-40089	2GB RAM 800MHZ	\$	98.33
6400C-40028	2GB RAM DDR-2 ML370/G4	\$	196.67
04000-00426	PRESENT TENSE CLIENT	\$	91.67
64007-50016	KEYPAD 24KEY 12FT CBL	\$	183.33
65000-00184	GRAPHICS 256MB NVS295	\$	275.00
65000-48127	AVIO RACK MNT KIT	\$	170.00
65000-52110-20	CBL VIDEO DVI 20FT	\$	170.00
65000-00148	NIC DUAL PCI-X	\$	340.00
04000-00327	SQL 2008 CAL RUNTIME ENT	\$	248.33
65000-00163	NIC ETHERNET/PCIE CARD	\$	78.33
04000-00522	ADD-ON MOD BLK M522	\$	365.00
65000-00432	CBL KVM SRL PS2 6.6FT	\$	71.67
64021-10023	KYBD PS2 XW4300	\$	71.67
65000-00150	GRAPHICS 256MB NVS290	\$	215.00
6400C-40032	4GB RAM ML370G5/D380G5	\$	208.33
6400C-20024	HARD DRIVE 1TB SATA BU	\$	130.00
04000-03097	SVR EX 2007 ENT PER POSI	\$	123.33
06000-03306	PWR SPLY FOR ML330/G6	\$	181.67
830801-01901-12	CBL ACU JKBX 12FT	\$	58.33
64011-10024	MOUSE 5-BTN USB SCROLL	\$	58.33
04000-76640	MCAFEE ANTI-VIRUS 8.8I	\$	116.67
04000-05216	PHN BLK M5216	\$	880.00
04000-00329	SQL 2008 SVR RUNTIME STD	\$	103.33
04000-00325	SQL SVR 2008 ENT RUNTIME	\$	103.33
64000-40087	1GB RAM Z200	\$	155.00
04000-00424	PUSH TRACTOR 420 PRINTER	\$	155.00
64000-40078	1GB RAM RP5700/G4	\$	96.67
64040-60075	PRNTR CART CM8050 BONDING	\$	96.67
6404C-60013	PRNTR RIBBON 6312 40M BLK	\$	96.67
863114-00101	66-PUNCHDOWN BLOCK	\$	45.00
06000-00501	PRIMARY/SECOND MOD PROTEC	\$	45.00

06000-76109	PWR SPLY SRL ADPTR	\$	45.00
06000-00601	E911 PROTECT SNGL LINE	\$	38.33
04000-03003	SVR PROTECTION SOFTWARE	\$	38.33
04000-RMUC19	BRKT 19 RACK MTG 2U	\$	76.67
04000-05700	RPC HP DC5700	\$	115.00
65000-00177	CBL EXT KMM USB 10FT	\$	70.00
04000-00095	E911 RM RACK MNT 5-POS	\$	70.00
04000-03004	MEDIA PK ENTRPRS VAULT	\$	70.00
65000-47001	TWR STAND SFF Z220/Z230	\$	70.00
04000-01042	HUB USB 4-PORT	\$	31.67
6400C-40029	1GB RAM 667MHZ WKST/SVR	\$	63.33
04000-01019	CBL DUAL LINK DVI-D 25FT	\$	63.33
06000-00401	E911 DB25 PROTECTOR EIA	\$	63.33
04000-00046	ADPTR BRIDGING	\$	31.67
04000-43212	PWR SPLY CORD VP IP PHN	\$	31.67
830801-04001-15	CBL 4W MOD-MOD 15FT	\$	31.67
64011-10019	MOUSE 3-BTN USB SCROLL	\$	25.00
04000-RMU19	BRKT 19IN RACK ARBITR 8P	\$	50.00
06000-00201	E911 100-BASE T PROTECTOR	\$	50.00
04000-67022	GPS CBL CONN	\$	75.00
830801-01901-20	CBL ACU JKBX 20FT	\$	75.00
830801-03001	CBL ACU RADIO PHN 11FT	\$	75.00
65000-00083	TAPE CLEANING SDLT	\$	168.33
64000-40084	1GB RAM XW4200/ML310 G3	\$	68.33
65000-00067	CBL NULL MODEM 25FT	\$	68.33
65000-00129	CBL EXT USB 15FT	\$	43.33
65000-00115	CBL KVM PS/2	\$	43.33
850804-00201	KIT FRNTD UTP DOUBLER	\$	43.33
6400C-40031	1GB RAM XW4200	\$	61.67
04000-00091	ANALOG TIP RING 66 PRO	\$	18.33
04000-00069	CBL MODEM	\$	18.33
04000-00090	DIGITAL TIP RING 66 PRO	\$	18.33
65000-00025	CBL EXT KYPD 20FT	\$	36.67
65000-00138	CBL PATCH RJ45 30FT	\$	36.67
04000-01017	CBL SATA 24IN	\$	36.67
04000-01067-3	CBL SER DB25F/DB9 3FT	\$	36.67
04000-08235	GPS PVC POST MNT	\$	36.67
64011-10023	MOUSE 3-BTN PS2 BLK SCROL	\$	36.67
04000-02917	USB CONSOLE CBL	\$	36.67
65000-00206	CBL E1 RJ48C GRAY 25FT	\$	55.00
04000-01068	CBL SRL RJ45/DB9M 4FT	\$	30.00
64021-10027	KYBD PS2/USB BLK	\$	28.33
809800-01531	PBDY SVR CFG DOD SYS NPEI	\$	5,000.00
853031-MLVLS-GEO	V-ML SVR VLS BNDL GEO	\$	30,605.00
809800-01507	PBDY SVR CFG FEE	\$	1,250.00
809800-01511	PBDY NPEI SVR CFG	\$	2,500.00
809800-01527	PBDY CUSTOM ALI FMT	\$	8,333.33
809800-01526	PBDY DATA CONV SRVC	\$	166.67
00600-20644	CABINET 42U	\$	7,518.33
04000-00609	FAN ROOF MNT KIT	\$	593.33
853031-DLSVRGD-1	V-DL MED SVR BNDL GEO	\$	22,040.00
853031-MLVLS-SGL	V-ML SVR VLS BNDL SNGL	\$	45,745.00
04000-07075	CBL GPS ANTENNA 75FT	\$	456.67
04000-07801	FOOTSTAND FOR M522 BLACK	\$	21.67
853031-DLSVRSG-1	V-DL MED SVR BNDL SNGL	\$	32,998.33
853031-MLSVRGD-1	V-ML MED SVR BNDL GEO	\$	20,365.00
64000-01251	FAX 1250 TONER BLK	\$	26.67
04000-02401	HDWR FOR 23U CAB	\$	26.67
853031-MLSSVRSG	V-ML SVR BNDL SML SGL	\$	29,631.67

853031-MLSVRSG-1	V-ML MED SVR BNDL SNGL	\$	32,130.00
04000-07125	CBL GPS ANTENNA 125FT	\$	605.00
04000-07175	CBL GPS ANTENNA 175FT	\$	756.67
853031-MLSSVRGEO	V-ML SVR BNDL SML GEO	\$	16,370.00
04000-07012	CBL GPS ANTENNA 12FT	\$	258.33
04000-01088	ALPHA ETHERNET ADPTR	\$	371.67
04000-07150	CBL GPS ANTENNA 150FT	\$	680.00
65000-48126	USB 2.0 CBL 6FT	\$	15.00
04000-00049	CVR PUNCH BLOCK	\$	5.00
65000-13172G	CBL USB 2.0 A/B 2M	\$	5.00
65000-00152	SRL EXP PCI 2-PORT	\$	66.67
64014-10011	MOUSE 3-BTN USB/PS2 BLK	\$	13.33
65000-00142	SRL EXP PCI-E CARD 2-PORT	\$	166.67
04000-01036	SWITCH KVM USB 2-PORT	\$	156.67
65000-00147	CBL EXT KMM USB 15FT	\$	81.67
04000-03870	FTSTD 3905 SGL 22 BTN	\$	20.00
04000-03866	FTSTD 3905 SGL22BTN PLAT	\$	20.00
06500-21103-S	EQUIPMENT SVR RACK 23IN	\$	1,636.67
04000-23200	ADPTR USB/SRL 1.3FT	\$	58.33
871599-00104.0	PBDY 4.0 LIC/DOC/MED	\$	15,833.33
871599-00104.1	PBDY 4.1 L/D/M JITC	\$	15,833.33
871599-00104.5	PBDY 4.5 LIC/DOC/MED	\$	15,833.33
871590-00701	PBDY DATA CONV UTILITY	\$	12,500.00
06000-03704	PWR SPLY ML370/4	\$	498.33
862691-05001	SALI CELL UNIT LIC 10M	\$	21.67
862691-06901	SALI WEBALI UNIT LIC 2M	\$	21.67
64020-10013	KYBD USB MATTE BLK	\$	25.00
830858-06801	TXT VV 1.0 TECH REF GD	\$	25.00
832204-00201	KIT BLANK SML FACEPLATE	\$	31.67
64000-30030	DVD RW SATA ML350/G8	\$	73.33
04000-01051	SWITCH 2960 24-PORT	\$	1,793.33
830801-02201-15	CBL ACU AUDIO/DELTA 15FT	\$	80.00
830801-02201-20	CBL ACU AUDIO/DELTA 20FT	\$	80.00
831558-00402	TXT PBDY 4.0 AGD	\$	41.67
831558-00403	TXT PBDY 4.1 AGD	\$	41.67
830801-01901	CBL ACU JKBX 10FT	\$	41.67
830858-20601	TXT VCS 2.2 SP5 UGD	\$	41.67
830858-05501	TXT VDMS 2.2 AGD	\$	41.67
830858-05401	TXT VDMS 2.2 AGT GD	\$	41.67
830858-05601	TXT VDMS 2.2 TECH REF GD	\$	41.67
830858-05502	TXT VDMS 2.3 AGD	\$	41.67
830858-05402	TXT VDMS 2.3 AGTGD	\$	41.67
830858-05602	TXT VDMS 2.3 TECH REF GD	\$	41.67
830858-09401	TXT VM1 2.3 AGD	\$	41.67
830858-09501	TXT VM1 2.3 AGTGD	\$	41.67
830858-09602	TXT VM1 2.3 TECH REF GD	\$	41.67
830858-09801	TXT VM1 2.4 AGD	\$	41.67
830858-09901	TXT VM1 2.4 AGTGD	\$	41.67
830858-10001	TXT VM1 2.4 TECH REF GD	\$	41.67
830858-08803	TXT VSL100 2.3 FP1 AGD	\$	41.67
830858-08503	TXT VSL100 2.3 FP1 AGTGD	\$	41.67
830858-08703	TXT VSL100 2.3 FP1 TR GD	\$	41.67
830858-11803	TXT VP PBX 4.0 O&MGD	\$	41.67
830858-20313	TXT VP PBX 5.0 O&MGD	\$	41.67
862691-06601	SALI WEBALI UNIT LIC 10K	\$	138.33
04000-60614	CBL KVM PS/2 PC	\$	93.33
04000-01067-50	CBL SER DB25F/DB9F 50FT	\$	51.67
862691-06201	SALI WEBALI BASE LIC 100K	\$	1,711.67
862691-00901	SALI UNIT LIC 2M	\$	85.00

862691-00801	SALI UNIT LIC 500K	\$	363.33
862691-04801	SALI CELL UNIT LIC 500K	\$	183.33
850830-01801	KIT ACU EXT CBL 35FT	\$	186.67
65000-00039	CBL KYBD SRL MOUSE 10FT	\$	95.00
65000-00196	CBL DVI/USB KIT 15FT	\$	101.67
64000-20150	HARD DRIVE 250GB Z220	\$	210.00
862691-00601	SALI UNIT LIC 10K	\$	551.67
862691-01601	SALI DBMS UNIT LIC 10k	\$	663.33
862691-02801	SALI WEBDBMS UNIT LIC500K	\$	111.67
861430-00101	SECURE VPN SOLUTION (DSL)	\$	3,393.33
809800-80044	SVR CAB CFG FEE	\$	1,833.33
862691-00201	SALI BASE LIC 100K	\$	6,598.33
862691-04201	SALI CELL BASE LIC 100K	\$	3,383.33
862691-02301	SALI WEBDBMS BASE LIC500K	\$	7,823.33
04000-01300	CPI - 101	\$	980.00
862691-04401	SALI CELL BASE LIC 2M	\$	76,138.33
862691-06401	SALI WEBALI BASE LIC 2M	\$	38,153.33
862691-01401	SALI DBMS BASE LIC 2M	\$	183,233.33
862691-02401	SALI WEBDBMS BASE LIC 2M	\$	45,933.33
862691-04501	SALI CELL BASE LIC 10M	\$	166,073.33
862691-01501	SALI DBMS BASE LIC 10M	\$	399,943.33
862691-06701	SALI WEBALI UNIT LIC 100K	\$	125.00
862691-04301	SALI CELL BASE LIC 500K	\$	12,875.00
862691-02501	SALI WEBDBMS BASE LIC 10M	\$	100,110.00
862691-01301	SALI DBMS BASE LIC 500K	\$	30,790.00
862691-06501	SALI WEBALI BASE LIC 10M	\$	83,120.00
862691-06301	SALI WEBALI BASE LIC 500K	\$	6,520.00
862691-01201	SALI DBMS BASE LIC 100K	\$	7,915.00
862691-02201	SALI WEBDBMS BASE LIC100K	\$	2,053.33
65000-00216	NIC PCIE CARD Z220	\$	353.33
862691-01801	SALI DBMS UNIT LIC 500K	\$	436.67
862691-04601	SALI CELL UNIT LIC 10K	\$	275.00
04000-35609	NTWK MOD 4XGE 3560X	\$	606.67
04000-35607	PWR SPLY 3560X	\$	606.67
830808-00901	JKBX AUDIO CTRL UNIT	\$	441.67
862691-01701	SALI DBMS UNIT LIC 100K	\$	595.00
862691-00101	SALI BASE LIC 10K	\$	9,970.00
04000-00277	M1 SDI/DCH PKG	\$	3,208.33
871399-10401.0	ORDS 1.0 ENT HOST SVR	\$	5,558.33
871399-10501.0	ORDS 1.0 ENT HOST SVR DP	\$	5,558.33
871399-10504.0	ORDS 4.0 CTR SVR	\$	5,558.33
871399-10504.1	ORDS 4.1 CTR SVR RPW	\$	5,558.33
870899-13202.3	VSL100 2.3 LIC ONLY	\$	15,833.33
870899-13102.3	VSL100 2.3 LIC/DOC/MED	\$	15,833.33
870899-13203.0	VSL100 3.0 LIC ONLY	\$	15,833.33
870899-13103.0	VSL100 3.0 LIC/DOC/MED	\$	15,833.33
862691-01101	SALI DBMS BASE LIC 10K	\$	11,976.67
870899-02101	VESTA SCCS SVR INTF LIC	\$	5,000.00
862691-04101	SALI CELL BASE LIC 10K	\$	5,066.67
862691-02101	SALI WEBDBMS BASE LIC 10K	\$	3,116.67
04000-29638	SWITCH 2960S +CBL 24-PORT	\$	3,563.33
2213937-SPARE	FXO GATEWAY 8-PORT SPARE	\$	2,198.33
2213939-SPARE	FXS GATEWAY 8-PORT SPARE	\$	2,198.33
871399-00501.5	OR AVLSVR 1.5	\$	5,556.67
04000-29623	SWITCH 2960 + CBL 48-PORT	\$	3,005.00
04000-29636	SWITCH 2960 POE+CBL 24-PO	\$	3,005.00
04000-29667	SWITCH 2960S POE/CBL 48-P	\$	7,596.67
04000-35611	SWITCH 3560X +CBL 24-PORT	\$	5,038.33
04000-29629	SWITCH 2960 POE 48-PORT	\$	5,221.67

04000-29637	SWITCH 2960 POE+CBL 48-PO	\$	5,265.00
04000-29656	SWITCH 2960S 48-PORT	\$	5,788.33
04000-01039	SWITCH 3750 24-PORT	\$	13,696.67
862691-00501	SALI BASE LIC 10M	\$	298,713.33
871391-20112	ORVL CAD INTF	\$	1,666.67
871390-03101	OR AVL SWITCH INTF	\$	3,333.33
PA-0SG-OVSL	ORVL LIC ADD-ON	\$	4,166.67
871399-10301.0	ORDS 1.0 LIC/DOC/MED	\$	5,000.00
871399-10304.0	ORDS 4.0 LAN SVR	\$	5,000.00
871399-10304.1	ORDS 4.1 LAN SVR	\$	5,000.00
871391-20102.0	ORVL 2.0 LIC ONLY	\$	5,833.33
871399-20102.0	ORVL 2.0 LIC/DOC/MED	\$	5,833.33
871391-20103.0	ORVL 3.0 LIC ONLY	\$	5,833.33
871399-20103.0	ORVL 3.0 LIC/DOC/MED	\$	5,833.33
65000-00145	KEY CAP CLEAR 1X2	\$	3.33
04000-00729	VOCODER G729A	\$	3.33
800323-05109R	BRKT SURGE SUPPRESSOR	\$	16.67
65000-00191	CBL PATCH SNAGLESS 7FT	\$	16.67
65000-00040	ADPTR KYBD	\$	23.33
04000-01903	CBL ACU JKBX 3FT	\$	36.67
04000-00612	CBL KVM PS/2 CONSOLE	\$	46.67
04000-02918	CBL RJ45-DB9F CONSOLE	\$	46.67
830801-02101	CBL HERBIE AUDIO/DELTA 44	\$	100.00
64000-40097	2GB RAM Z220	\$	130.00
64000-40095	4GB RAM ML350E/G8	\$	136.67
06000-00220	Z220 SFF 240W PWR SPLY	\$	266.67
04000-00323	SQL 2008 SVR ADDTL CAL	\$	283.33
65000-00214	DRIVE CAGE SFF ML350P/G8	\$	313.33
04000-00935	LIC TIME SVR	\$	323.33
04000-02180	CALL RECORD PRNTR SRL	\$	383.33
64000-40094	8GB RAM ML350P/DL380P/G8	\$	416.67
64000-20065	HARD DRIVE 450GB SAS 10K	\$	1,023.33
64000-30029	PROCESSOR E52620 DL380PG8	\$	1,293.33
2213936-SPARE	FXO GATEWAY 4-PORT SPARE	\$	1,330.00
64000-20067	HARD DRIVE 300GB SAS 15K	\$	1,376.67
04000-29616	SWITCH 2960 + CBL 24-PORT	\$	1,600.00
04000-02030	ALI MNTR DKTP	\$	2,230.00
04000-09487	NETCLOCK 9483 3-PORT CARD	\$	2,793.33
04000-29635	SWITCH 2960 48-PORT	\$	2,960.00
04000-29617	SWITCH 2960 POE 24-PORT	\$	2,960.00
04000-29640	SWITCH 2960S 24-PORT	\$	3,526.67
04000-35606	IP BASE-IP SVCS IOS UPGD	\$	4,660.00
04000-29666	SWITCH 2960S +CBL 48-PORT	\$	5,823.33
62033-4GB8T01	SVR NAS 8TB	\$	10,113.33
62033-4GB8T02	SVR NAS 8TB BNDL	\$	10,116.67
853031-DLSVRGEO	R4 DL SVR BNDL - GEO	\$	25,546.67
809800-70002	GENERIC SVR CFG FEE NPEI	\$	833.33
809800-35065	R4 SYS CFG	\$	1,666.67
PA-MGD-VSSL	GEO-DIV/MULTI-SITE LIC	\$	1,250.00
PA-0AD-VSSL	VADV LIC ADD-ON	\$	2,500.00
PS-0SQ-VSML	VS SML MLTP PER SEAT LIC	\$	3,333.33
PA-0PR-VSSL	VPRIME LIC ADD-ON	\$	4,583.33
PS-0SQ-VSSL	VS SML PER SEAT LIC	\$	4,583.33
PS-0PR-VSML	VPRIME MLTP PER SEAT LIC	\$	7,916.67
PS-0PR-VSSL	VPRIME PER SEAT LIC	\$	9,166.67
PS-0AD-VSML	VADV MLTP PER SEAT LIC	\$	10,416.67
PS-0AD-VSSL	VADV PER SEAT LIC	\$	11,666.67
809800-10101	SALI SVR CFG FEE	\$	500.00
862691-03001	SALI WEBDBMS UNIT LIC 10M	\$	13.33

862691-02901	SALI WEBDBMS UNIT LIC 2M	\$	26.67
862691-02001	SALI DBMS UNIT LIC 10M	\$	50.00
862691-06801	SALI WEBALI UNIT LIC 500K	\$	90.00
862691-01901	SALI DBMS UNIT LIC 2M	\$	100.00
862691-02601	SALI WEBDBMS UNIT LIC 10K	\$	166.67
862691-00701	SALI UNIT LIC 100K	\$	476.67
862691-06101	SALI WEBALI BASE LIC 10K	\$	2,616.67
00100-00290	ADPTR DB9M/DB25F	\$	10.00
04000-01014-10	CBL SRL DB25M/DB9F 10FT	\$	16.67
830801-01501	CBL ADPTR DMS100 RCR DATA	\$	23.33
04000-01067-15	CBL SER DB25F/DB9F 15FT	\$	30.00
04000-14318-25	CBL CAT-5 25FT	\$	33.33
04000-01067-25	CBL SER DB25F/DB9F 25FT	\$	36.67
04000-64508	ACCESSORY CONNECTION MOD	\$	50.00
830801-01702-15	CBL RADIO 14-PIN 15FT	\$	90.00
830801-01702-20	CBL RADIO 14-PIN 20FT	\$	90.00
830801-02201-35	CBL ACU AUDIO/DELTA 35FT	\$	96.67
830801-00702	CBL STUDIO 3-CHNL AUDIO	\$	100.00
04000-22001	CASTER SET	\$	230.00
832201-00901-16P	CBL PALLASPYXIE 16P-5FT	\$	236.67
65000-00052	CBL SRL M1 150FT	\$	416.67
809800-80402	PALLAS PBX IMAGE FEE	\$	710.00
830801-01702	CBL RADIO 14-PIN 10FT	\$	40.00
870810-01102	VCDR MNTR LIC	\$	150.00
870899-02201	VESTA SCCS WKST INTF LIC	\$	166.67
870899-00304M	VESTA 4 PER SEAT MIG LIC	\$	2,500.00
870890-19701	HIGH AVAILABILITY MOD	\$	4,166.67
870809-00301	V TIME SYNC MOD	\$	4,166.67
870899-00360U	VESTA 4 SEAT UPGD LIC	\$	5,833.33
870899-00350M	VESTA 4 ADV SEAT MIG LIC	\$	8,333.33
870899-00304J	VESTA 4 PER SEAT LIC DOD	\$	9,166.67
870899-00350	VESTA 4 ADV SEAT LIC	\$	11,666.67
870899-31102.3	VSL-100 2.3 SP1 DOD L/D/M	\$	15,833.33
870899-00304.0	VESTA 4 PER SEAT LIC	\$	9,166.67
862691-00401	SALI BASE LIC 2M	\$	136,915.00
853031-DLSVRSGL	R4 DL SVR BNDL - SGL	\$	42,085.00
870810-00901	VMULTI QUEUE DISP MOD SYS	\$	23,375.00
862691-00301	SALI BASE LIC 500K	\$	23,041.67
04000-29639	SWITCH 2960S POE+CBL 24-P	\$	5,308.33
870810-00801	VALI PAGE MOD	\$	5,225.00
04000-35600	SWITCH 24-PORT 3560X	\$	5,001.67
61000-409603NY	WKST HP Z220 NYC	\$	2,818.33
862691-05101	SALI WEBPSAP	\$	2,665.00
04000-01044	SWITCH IP KVM 16-PORT	\$	2,358.33
04000-10030	ALI MNTR DISP ONLY	\$	1,955.00
04000-04030	ALI MNTR PNL	\$	1,955.00
64000-30028	PROCESSOR E52630 ML350PG8	\$	1,728.33
870810-00602	VIRR PHN/RAD MOD	\$	1,658.33
65000-00215	SAS CTRL ML350P/G8	\$	1,571.67
870810-01001	V22 BTN ADD-ON MOD	\$	1,558.33
870810-00901-1	VMULTI QUEUE DISP MOD POS	\$	1,558.33
870810-01002	VCS IP PHN EXP OPT	\$	1,558.33
2213938-SPARE	FXS GATEWAY 4-PORT SPARE	\$	1,201.67
04000-05316	M5316 MDC PHN	\$	958.33
64000-20064	HD DRIVE 300GB SAS 10K G8	\$	731.67
06000-03703	PWR SPLY ML370G2/3	\$	698.33
04000-RS232	BLKBX TL601A-R2 DATASHARE	\$	615.00
62030-E409601	SVR TWR ML350E/G8	\$	3,991.67
65000-00041	CARD EXP SRL 8-PORT	\$	528.33

850808-01001	A-B SWITCH TELEPHONY	\$	445.00
06500-00501	2-POST 5U RACK MNT KIT	\$	435.00
871390-06401	ORVL 3.0 PICT LIC/DOC/MED	\$	375.00
871391-06401	ORVL 3.0 PICTOM LIC ONLY	\$	375.00
04000-35610	FAN UNIT 3560X	\$	365.00
65000-00217	RACK CONV KIT ML350E G8	\$	341.67
04000-00275	KYBD TTY-ESD TOLERANT	\$	308.33
64000-40093	4GB RAM ML350P/DL380P/G8	\$	248.33
862691-04701	SALI CELL UNIT LIC 100K	\$	248.33
04000-03872	FTSTD 3905 2ND 22BTN PLAT	\$	245.00
04000-03871	FTSTD 3905 FOR 2ND 22BTN	\$	245.00
871310-00301	ORDS 1.0 ENT REM SVR LIC	\$	1,108.33
871399-10404.0	ORDS 4.0 EDGE SVR	\$	1,108.33
871399-10404.1	ORDS 4.1 EDGE SVR	\$	1,108.33
830808-01101	JKBX ACU W/O MUTE SWITCH	\$	426.67
64000-20038	HARD DRIVE 300GB 10K	\$	1,398.33
04000-64503	ADPTR CTI	\$	125.00
04000-64502	ADPTR CTI PLATINUM	\$	125.00
PS-0AC-VSSL-M	VESTA COMP REG	\$	115.00
871399-00500	OR AVLS TO MAP CONNECTION	\$	441.67
862691-02701	SALI WEBDBMS UNIT LIC100K	\$	150.00
832201-01001	CBL VP GATM8/PTCHPNL 9FT	\$	75.00
832201-01101	CBL PALLAS FLIC 9FT	\$	68.33
04000-01014-75	CBL SER DB25M/DB9F 75FT	\$	58.33
04000-01350	CBL SVGA 75FT	\$	45.00
862691-04901	SALI CELL UNIT LIC 2M	\$	41.67
862691-01001	SALI UNIT LIC 10M	\$	41.67
04000-01014-50	CBL SRL DB25M/DB9F 50FT	\$	35.00
04000-01001-50	CBL SRL DB9M/DB9F 50FT	\$	35.00
830801-04001-10	CBL 4W MOD-MOD 10FT	\$	35.00
04000-35608	PWR CORD 3560X	\$	63.33
830801-02201	CBL ACU AUDIO/DELTA 6FT	\$	28.33
830801-04001-35	CBL 4W MOD-MOD 35FT	\$	50.00
832201-00201	CBL MALE DB25 TO DB25	\$	25.00
04000-01014-25	CBL SER DB25M/DB9F 25FT	\$	25.00
04000-00309	SNGL FTSTND 22BTN	\$	25.00
64011-10020	MOUSE USB MATTE	\$	21.67
04000-01014-15	CBL SER DB25M/DB9F 15FT	\$	21.67
870899-10401	VALIFAX	\$	9,166.67
870810-01201	VIP ALI INTF MOD	\$	11,816.67
870810-01101	VCDR SVR MOD	\$	1,816.67
832204-00101	KIT BLANK LRG FACEPLATE	\$	40.00
04000-01004-50	CBL SRL DB25M/DB25F 50FT	\$	51.67
64000-20040	HARD DRIVE 80GB XW4100	\$	323.33
04000-01004-10	CBL SRL DB25M/DB25F 10FT	\$	11.67
06500-55053	EQUIPMENT RACK 19IN	\$	458.33
853364-01002	TXT AURORA 2.0 AGD	\$	41.67
833358-00202	TXT AURORA 2.0 I&MGD	\$	41.67
873391-04006	AUR LITE TO STD COLL LIC	\$	333.33
873391-04005	AUR LITE TO STD USER LIC	\$	625.00
PA-SSG-ALSL	AURORA LITE PER SEAT LIC	\$	916.67
PA-MSG-ASSL	AURORA STD PER SEAT LIC	\$	1,083.33
873391-00301	AURORA USER LIC	\$	1,250.00
873391-00201	AURORA COLLECTION LIC	\$	1,333.33
873391-02001	AURORA SITE LIC	\$	2,500.00
873391-01004	AUR HOST W/ENT ENV	\$	3,333.33
873399-00101.1	AURORA 1.1 L/D/M	\$	3,333.33
873399-00101.3	AURORA 1.3 L/D/M	\$	3,333.33
873391-04004	AURORA LITE TO STD LIC	\$	3,333.33

873391-00501	AURORA STD LIC	\$	3,333.33
873391-01101	AURORA AR ELITE INTG/LIC	\$	4,166.67
873391-01301	AURORA AR PREM INTG/LIC	\$	4,166.67
873391-01702	AURORA ARIES INTG/LIC	\$	4,166.67
873391-01501	AURORA PYXIS INTG/LIC	\$	4,166.67
873399-00901	AURORA ADV REPORT PKG	\$	5,833.33
873391-00901	AURORA ADV RPT PKG LIC	\$	5,833.33
873391-03003	AURORA ANLYTC LIC-5 POS	\$	5,833.33
873391-03002	AURORA ANLYTC LIC-20 POS	\$	9,166.67
873391-01401	AURORA NCELOG INTG NP/LIC	\$	12,500.00
873391-01201	AURORA NCF3 INTG NP/LIC	\$	12,500.00
873391-01601	AURORA VNT AL INTG NP/LIC	\$	12,500.00
873391-03001	AURORA ANLYTC LIC-1000 P	\$	15,833.33
873399-00501	AURORA ENT/HOST L/D/M	\$	25,000.00
873391-01001	AURORA ENTERPRISE LIC	\$	25,000.00
873391-01002	AURORA HOST LIC	\$	25,000.00
2213727-1-SR1	DRY CONTACT CBL 15FT	\$	83.33
04000-47038	DIS RCV WKST LIC	\$	103.33
871499-01302	DIS RCV WKST LIC	\$	95.00
809800-14152	MGD SERV DEV & IMPL	\$	125.00
871499-01210	M&R 3.0 IP DEVICES LIC	\$	118.33
871499-01211	M&R 3.0 WKST LIC	\$	118.33
04000-47014	DIS RCV DEDUP SVR LIC	\$	186.67
809800-00200	CFG NTWK DEVICE	\$	221.67
809800-00201	VPN CFG SVCS	\$	333.33
04000-47037	DIS RCV SVR LIC	\$	1,171.67
871499-01301	DIS RCV SVR LIC	\$	1,095.00
2213734-1-SR1	SENSOR PROBE 8	\$	1,535.00
04000-47039	DIS RCV VIRTUAL SVR LIC	\$	2,096.67
809800-14150	M&R ACT FEE SMALL SITE	\$	2,833.33
809800-14151	M&R ACT FEE MED SITE	\$	3,833.33
809800-14149	M&R ACT FEE LARGE SITE	\$	4,833.33
851364-03203	TXT ORMS 5.2 QRC	\$	25.00
831359-01803	TXT ORMS 5.2 REV 1 AGD	\$	33.33
831359-02003	TXT ORMS 5.2 REV1 AGTGD	\$	33.33
831359-01503	TXT ORDS 1.0 UGD	\$	41.67
831359-02701	TXT ORDS 4.0 AGD	\$	41.67
831359-02801	TXT ORDS 4.0 I&MGD	\$	41.67
831359-01904	TXT ORMS 5.2 REV1 TR GD	\$	41.67
831359-03201	TXT ORMS 5.3 AGD	\$	41.67
831359-03301	TXT ORMS 5.3 UGD	\$	41.67
831359-02601	TXT ORMS PICTOM INTG I&U	\$	41.67
831359-03601	TXT ORVL 2.0 I&MGD	\$	41.67
831359-03501	TXT ORVL 2.0 UGD	\$	41.67
832359-01501	TXT ORAR 4.0 SP1 INTF GD	\$	41.67
809800-00101	OR WKST CFG SVCS	\$	416.67
809800-01359	ORDS SVR CFG	\$	583.33
809800-01416	MIS SVR CFG	\$	833.33
809800-01375	ORDS SVR CFG N-PCML	\$	1,166.67
809800-01417	MIS SVR NPCML CFG	\$	1,666.67
831359-04202	TXT ORVL 3.0 AGD	\$	41.67
831359-04102	TXT ORVL 3.0 UGD	\$	41.67
809800-02296	ORDS CLIENT SPT RNSTMNT	variable	
871399-10204.0	ORDS 4.0 CLIENT	\$	250.00
871399-10204.1	ORDS 4.1 CLIENT	\$	250.00
871399-06601.0	ORDS CLIENT LIC	\$	250.00
04000-09002	NOKIA 5100-6100-7100 GPS	\$	300.00
809800-02295	ORDS ENT EDGE SPT RNSTMNT	variable	
871390-06201	ORVL 2.0 PICT LIC/DOC/MED	\$	375.00

871391-06201	ORVL 2.0 PICTOM LIC ONLY	\$	375.00
862691-07001	SALI WEBALI UNIT LIC 10M	\$	10.00
04000-01016	CBL AUDIO 6FT	\$	5.00
02800-87066	HDST M3905 PLATINUM	\$	61.05
02800-20200	HDST 4W BK PTT	\$	88.33
02800-00903	HDST 4W MOD BK 24-BUT PHN	\$	33.33
02800-21600	HDST 4W MOD BK CARBON heavier version	\$	53.33
850808-00702	AUDIO CONTROL UNIT (ACU)	\$	2,731.00
850808-01101	AUDIO CONTROL UNIT (SFF)	\$	2,731.00
04000-47015	DIS RCV DEDUP WKST LIC	\$	17.00
04000-52110	CBL VIDEO DVI 5M EXT	\$	42.95
04000-31525	ADPTR RP2440 PWR SPLY	\$	9.00
65000-00193	CBL STRAIGHT WIRED 15FT	\$	29.00
04000-03580	PAT T1 GATEWAY 2SPN DC	\$	19,367.00
04000-03530	PAT T1 GATEWAY 1SPN AC	\$	13,997.00
04000-03560	PAT T1 GATEWAY 2SPN AC	\$	18,619.00
04000-01751	TS-4 PORT TERMINAL SVR	\$	1,264.00
809800-51101	AURORA COHAB STG FEE	\$	400.00
873391-04002	AURORA LITE USER LIC	\$	750.00
873391-04001	AURORA LITE COLLECT LIC	\$	1,200.00
809800-14146	VIRUS REMOVAL SRVC	\$	400.00
809800-70003	FIREWALL CFG FEE	\$	500.00
809800-00199	ROUTER CFG FEE	\$	1,064.00
809800-00127	ORVL WKST CFG FEE DOD	\$	500.00
871399-21103.0	ORVL 3.0 DOD LIC/DOC/MED	\$	7,000.00
65000-00190	CBL PATCH SNAGLESS 6FT	\$	20.00
809800-51103	AURORA CFG FED DOD FEE	\$	1,000.00
809800-00126	GENERIC NPCML WKST CFG FE	\$	1,000.00
SA-0GD-0000-S	GEO-DIV/MULT-SITE CFG FEE	\$	2,000.00
862699-00101	SALI UPGD UNIT	\$	1,000.00
870899-03213.0	VP 3.0 FOR PBX 5.0 XP	\$	11,000.00
870891-03013.0	VP 3.0 LIC ONLY	\$	11,000.00
870899-24301	VSAT CTI3.0 PBX 5.0 XP	\$	11,000.00
870899-24201	VSAT CTI3.0 PBX6.0 W7	\$	11,000.00
809800-35141	R4 SYS CFG FEE DOD	\$	4,000.00
809800-29105	V-SVR VRT CFG DOD SYS	\$	4,500.00
809800-29108	V-WKST VRT CFG DOD NCC	\$	5,400.00
809800-29106	V-SVR VRT CFG DOD SYS NCC	\$	9,000.00
870899-30001	CS IP DKTP INTG	\$	200.00
870899-00104.3	VESTA 4 R3 LIC AND MEDIA	\$	3,000.00
873099-00104.0	SENT 4.0 S-SWITCH L/D/M	\$	3,000.00
870899-00104.0U	VESTA 4.0 L/D/M UPGD	\$	3,000.00
870899-00104.0	VESTA 4.0 S-SWITCH L/D/M	\$	3,000.00
870899-23901	VSAT CTI2.7 PALLAS PBX5.0	\$	11,000.00
809800-28001	V WKST CFG NPEI	\$	1,975.00
809800-29104	V WKST CFG DOD SYS NPEI	\$	3,950.00
809800-29001	V SVR CFG NPEI	\$	3,495.00
809800-29103	V SVR CFG DOD SYS NPEI	\$	6,990.00
809800-70001	SYS SVR CFG	\$	1,750.00
809800-01528	PBDY SVR CFG DOD SYS	\$	3,500.00
809800-29101	V SVR CFG DOD SYS	\$	3,500.00
809800-90001	V WKST CFG PEI	\$	1,175.00
809800-29102	V WKST CFG DOD SYS	\$	2,350.00
809800-00112	GENERIC SVR CFG FEE	\$	653.00
809800-00102	GENERIC WKST CFG FEE	\$	653.00
809800-00902	GNRC WKST CFG DOD SYS	\$	1,306.00
64040-60037	PRNTR SVR 620N	\$	595.00
04000-00075	DSU/CSU WAN INTF CARD	\$	3,119.00
870809-00201	V ALI INTF MOD	\$	3,750.00

870809-00101	V CAD INTF MOD	\$	3,750.00
873391-03001U	AUR ANLYTC LIC-1000P UPGD	\$	500.00
873391-03002U	AUR ANLYTC LIC-20P UPGD	\$	500.00
873391-03003U	AUR ANLYTC LIC-5P UPGD	\$	500.00
873391-01004U	AUR HOST W/ENT ENV LIC UP	\$	500.00
873399-00101.1U	AURORA 1.1 L/D/M UPGD	\$	500.00
873399-00101.2U	AURORA 1.2 L/D/M UPGD	\$	500.00
873399-00101.3U	AURORA 1.3 L/D/M UPGD	\$	500.00
873399-00102.0U	AURORA 2.0 DOC/MED UPGD	\$	500.00
873390-01401	AURORA 2.1 ALI PROCESS HF	\$	500.00
873399-00102.1U	AURORA 2.1 DOC/MED UPGD	\$	500.00
873390-01501	AURORA 2.1 ETL/PL HF	\$	500.00
873390-01701	AURORA 2.2 ACP ETL HF	\$	500.00
873399-00102.2	AURORA 2.2 DOC/MED	\$	500.00
873399-00102.2U	AURORA 2.2 DOC/MED UPGD	\$	500.00
873391-00201U	AURORA COLLECT LIC UPGD	\$	500.00
873391-01001U	AURORA ENT LIC UPGD	\$	500.00
873391-01002U	AURORA HOST LIC UPGD	\$	500.00
873390-01601	AURORA LITE 2.2 W/FP1 DOD	\$	500.00
873391-04001U	AURORA LITE COLL LIC UPGD	\$	500.00
873391-04003U	AURORA LITE LIC UPGD	\$	500.00
873391-04004U	AURORA LITE TO STD UPGD	\$	500.00
873391-04002U	AURORA LITE USER LIC UPGD	\$	500.00
873391-04006U	AURORA LITE-STD COLL UPGD	\$	500.00
873391-04005U	AURORA LITE-STD USER UPGD	\$	500.00
873391-01702U	AURORA ORAR INTG LIC UPGD	\$	500.00
873391-01802U	AURORA ORVL INTG LIC UPGD	\$	500.00
873391-00501U	AURORA STD LIC UPGD	\$	500.00
PA-MSG-ASSL-M	AURORA STD SEAT LIC MIG	\$	500.00
873391-00301U	AURORA USER LIC UPGD	\$	500.00
871890-00207.1	PEI-DB 7.1	\$	500.00
873390-01101	SQL WRTR 6.2 MISS ID HF	\$	500.00
871690-01113	UNIV COMP 2.0 SP2	\$	500.00
873391-00901U	AUR ADV RPT PKG LIC UPGD	\$	500.00
873390-01301	AURORA 1.3 CLT HF	\$	500.00
873390-01201	AURORA 1.3 RPT PERF HF	\$	500.00
873399-00102.0	AURORA 2.0 DOC/MED	\$	500.00
873399-00102.1	AURORA 2.1 DOC/MED	\$	500.00
873391-04003	AURORA LITE LIC	\$	500.00
873391-02001U	AURORA SITE LIC UPGD	\$	500.00
871890-00206.0	PEI-DB 6.0	\$	500.00
871890-00206.1	PEI-DB 6.1	\$	500.00
871890-00206.2	PEI-DB 6.2	\$	500.00
871890-00207.0	PEI-DB 7.0	\$	500.00
873391-01801	AURORA ORVL/ORMS INTG/LIC	\$	3,750.00
04000-00348	OR ESRI NET ENG RUNTIME	\$	500.00
871399-10401.0U	ORDS 1.0 ENT HOST SVR UPG	\$	500.00
871399-10501.0U	ORDS 1.0 ENT HOST SVR UPG	\$	500.00
871310-00301.0U	ORDS 1.0 ET RM SVR LIC UP	\$	500.00
871399-10301.0U	ORDS 1.0 LIC/DOC/MED UPGD	\$	500.00
871399-10204.0U	ORDS 4.0 CLIENT UPGD	\$	500.00
871399-10504.0U	ORDS 4.0 ENT CTR SVR UPGD	\$	500.00
871399-10404.0U	ORDS 4.0 ENT EDGE SVR UPG	\$	500.00
871399-10304.0U	ORDS 4.0 HOST/LAN SVR UPG	\$	500.00
871390-20401	ORDS 4.0 REP MAP UPDT HF	\$	500.00
871399-10204.1U	ORDS 4.1 CLIENT UPGD	\$	500.00
871399-10504.1U	ORDS 4.1 ENT CTR UPGD RPW	\$	500.00
871399-10404.1U	ORDS 4.1 ENT EDGE SVR UPG	\$	500.00
871399-10304.1U	ORDS 4.1 HOST/LAN SVR UPG	\$	500.00

871399-06601.0U	ORDS CLIENT LIC UPGD	\$	500.00
871391-20102.0U	ORVL 2.0 LIC ONLY UPGD	\$	500.00
871399-20102.0U	ORVL 2.0 LIC/DOC/MED UPGD	\$	500.00
871399-20103.0U	ORVL 3.0 DOC/MED UPGD	\$	500.00
871390-06501	ORVL 3.0 DS COMM HF	\$	500.00
871390-08101	ORVL 3.0 FIPS 140 DOD D/M	\$	500.00
871391-20103.0U	ORVL 3.0 LIC ONLY UPGD	\$	500.00
871391-06401U	ORVL 3.0 PICT LIC UPGD	\$	500.00
PA-0SG-OV00	ORVL MED/DOC ADD-ON	\$	500.00
04000-00248	OR RUNTIME LIC ESRI	\$	168.00
871390-06401U	ORVL 3.0 PICT L/D/M UPGD	\$	338.00
871301-01001	SW ORMS 5.1 AMPERSAND	\$	500.00
04000-00101	PAT PTS CENT OS	\$	500.00
870890-19501	SQL 2005 MEDIA	\$	500.00
870890-07001	SYS DISC 3.5	\$	500.00
870890-07002	SYS DISC 4.0	\$	500.00
871990-00101	WIN 2000 LIC LOGGING HF	\$	500.00
65000-00114	PATCH PNL VOICE 24-PORT	\$	105.00
871690-01401	AXXON DRVR FMWR FIX	\$	500.00
870890-07501	CPR/SYSPREP IMAGING	\$	500.00
870890-07601	CPR/SYSPREP SVR	\$	500.00
870890-04601	CPR+	\$	500.00
871599-00104.0U	PBDY 4.0 UPGD	\$	500.00
871599-00104.1U	PBDY 4.1 L/D/M UPGD JITC	\$	500.00
871599-00104.5U	PBDY 4.5 L/D/M UPGD	\$	500.00
PA-MGD-VSSL-M	GEO-DIV/MLTI-SITE LIC MIG	\$	500.00
PS-0AD-VSML-M	VADV MLTP SEAT LIC MIG	\$	500.00
PS-0AD-VSSL-M	VADV PER SEAT LIC MIG	\$	500.00
PS-0PR-VSML-M	VPRIME MLTP SEAT LIC MIG	\$	500.00
PS-0PR-VSSL-M	VPRIME PER SEAT LIC MIG	\$	500.00
PS-DPR-VSSL-M	VPRIME SEAT LIC MIG DOD	\$	500.00
PS-0SQ-VSML-M	VS SML MLTP SEAT LIC MIG	\$	500.00
PS-0SQ-VSSL-M	VS SML PER SEAT LIC MIG	\$	500.00
809800-35130	R4 SW SPT TRNSFR	\$	500.00
872699-01503.6U	SENT 3.6 WEBALI L/D/M UPG	\$	500.00
872699-00403.6U	SENT 3.6 WEBDBMS L/D/M UP	\$	500.00
872699-01003.6U	SENT ALI 3.6 L/D/M UPGD	\$	500.00
872699-00903.6U	SENT DBMS 3.6 L/D/M UPGD	\$	500.00
72-SEALI21U-BA	SEALI ENH ALI 2.1 UPG KIT	\$	500.00
872699-01503.6	SENT 3.6 WEBALI L/D/M	\$	500.00
870890-22501	VCS 2.2 SP5 SKT HF	\$	500.00
870890-27101	VDMS 2.3 CAD-TTY HF	\$	500.00
870890-22201	VDMS 2.3 RETRANS BTN HF	\$	500.00
870890-22701	VP 2.7 SP1 CALL CTRLDS HF	\$	500.00
870890-22601	VP 2.7 SP1 CDR OUTPUT HF	\$	500.00
870890-22801	VP 2.7 SP1 DUP CALL HF	\$	500.00
870891-03013.0U	VP 3.0 UPGD LIC ONLY	\$	500.00
870890-16407	VP PBX 5.0 PATCHES	\$	500.00
870899-24101U	VSAT CTI3.0 PBX5.0 W7 UPG	\$	500.00
870899-24201U	VSAT CTI3.0 PBX6.0 W7 UPG	\$	500.00
870899-24001U	VSAT CTI3.0 VP PBX4.0 UPG	\$	500.00
870890-20341	BARS 1.1	\$	500.00
862304-01101	PALLAS 3.6 UPGD KIT	\$	500.00
870890-27201	VCS 2.2 SP5 RTGO HF	\$	500.00
870890-28006	VDMS 3.0 ROLLUP #15 HF	\$	500.00
870890-18401	VM1 2.2 SP4 INTER ALI HF	\$	500.00
870890-22401	VP 2.7 SP1 ALI SRVC HF	\$	500.00
870890-16411	VP 2.7 SP1 PBX 5.0 PATCH	\$	500.00
870890-16412	VP 3.0 PBX 5.0 PATCHES	\$	500.00

873090-01601	AUDICODES FW REBOOT HF	\$	500.00
870890-62601	EIM R2.2	\$	500.00
870801-09701	SW VDMS 2.2 SP2	\$	500.00
870801-11601	SW VV 1.0 SP1	\$	500.00
870809-00201U	V ALI INTF MOD UPGD	\$	500.00
870809-00101U	V CAD INTF MOD UPGD	\$	500.00
870899-02101U	V SCCS SVR INTF LIC UPGD	\$	500.00
870899-02201U	V SCCS WKST INTF LIC UPGD	\$	500.00
870810-01001U	V22 BTN ADD-ON MOD UPGD	\$	500.00
870810-00801U	VALI PAGE MOD UPGD	\$	500.00
870810-01102U	VCDR MNTR LIC UPGD	\$	500.00
870810-01101U	VCDR SVR MOD UPGD	\$	500.00
870899-00350U	VESTA 4 ADV SEAT UPGD LIC	\$	500.00
870899-00104.3U	VESTA 4 R3 LIC/MED UPGD	\$	500.00
870890-12501	VESTA EAS HF	\$	500.00
870810-00602U	VIRR PHN/RAD MOD UPGD	\$	500.00
870810-00901-1U	VMULTI QUEUE DISP POS UPG	\$	500.00
870810-00901U	VMULTI QUEUE DISP SYS UPG	\$	500.00
870890-25701	VSL100 2.3 FP1 DUAL DDE	\$	500.00
870899-13102.3U	VSL100 2.3 L/D/M UPGD	\$	500.00
870899-31102.3U	VSL-100 2.3 SP1 DOD UPGD	\$	500.00
870899-13202.3U	VSL100 2.3 UPGD LIC ONLY	\$	500.00
870890-25201	VSL100 3.0 SP4	\$	500.00
870890-19401	ACU DUAL LOADER HF	\$	500.00
870890-16501	ACU ROLL UP HF	\$	500.00
870890-16603	CDR OUTPUT DEVICE UPDT HF	\$	500.00
870890-16601	CDR PRINTING HF	\$	500.00
870890-00401	CPR KIT	\$	500.00
870890-14901	DTMF DETECTION VOL HF	\$	500.00
870890-21101	EAS ENHANCEMENTS HF	\$	500.00
870890-20101	EAS MOVE CPN HF	\$	500.00
870890-20201	EAS TRUNK NMBR HF	\$	500.00
870890-15601	IRR PERFORMANCE ENHNC HF	\$	500.00
870890-16403	NORTEL COMPONENTS 3.0	\$	500.00
850830-01101U	PALLAS 3.6 UPGD KIT	\$	500.00
870801-15901	SW VESTA 2.2 SP2 SUP REV B	\$	500.00
870890-13501	TTY INTMT CAR RET/ACU HF	\$	500.00
870890-15901	V2.2 SP2 SUPP CD REV B	\$	500.00
870890-27301	VTPI 2.2 TELEPHONY HF	\$	500.00
870891-02301	IL VESTA CS LIC ONLY	\$	500.00
873099-00104.0U	SENT 4.0 S-SWITCH LDM UPG	\$	500.00
870899-02301	VCS 2.2 L/D/M IVST LVG	\$	500.00
870890-24901	VCS 2.2 SP5 1140E UPDT HF	\$	500.00
870810-01002U	VCS IP PHONE EXP OPT UPGD	\$	500.00
870890-28101	VDMS 3.0 SP2 IRR PLYBK	\$	500.00
870890-28201	VDMS 3.0 SP2 PRG PLAY HF	\$	500.00
870890-24401	VM1 2.2 SP4 ALI SVC HF	\$	500.00
870890-24301	VM1 2.2 SP4 CLID HF	\$	500.00
870890-24501	VM1 SP4 & VCS SP5 DG HF	\$	500.00
870899-23701U	VSAT CTI2.7 VP PBX3.7 UPG	\$	500.00
870899-23801U	VSAT CTI2.7 VP PBX4.0 UPG	\$	500.00
870899-23901U	VSAT CTI2.7 VP PBX5.0 UPG	\$	500.00
870890-24201	VSL100 2.3 FP1 HF1	\$	500.00
870890-22901	VV 1.0 SP1 SAVED ALRTS HF	\$	500.00
870890-02141	VV 1.1 HF2	\$	500.00
870890-17901	VCS 2.2 SP5	\$	500.00
870890-25101	VDMS 3.0 SP4	\$	500.00
870890-26301	VM1 2.3 FP1 RDD CAD FD HF	\$	500.00
870890-17701	VSL100 2.3 FP1	\$	500.00

870899-13103.0U	VSL100 3.0 L/D/M UPGD	\$	500.00
870899-13203.0U	VSL100 3.0 LIC ONLY UPGD	\$	500.00
870890-23601	VTPI 2.1 UPDTS HF	\$	500.00

Includes Shipping and Handling

Does not include programming and installation