To provide our customers with the industry's best value in highly available, secure and easy to manage network solutions.

Alcatel·Lucent

IP Communication Products

Alcatel·Lucent

IP Infrastructure and Security Products

Management System

OmniVista 2500/2700 Series Network Management
• Client/server based application to configure and manage up to thousands of devices
• Discovery and topology support for current and legacy Alcatel-Lucent Enterprise products and third-party devices
• Network-wide operations for monitoring, troubleshooting and bulk configuration through automation
• OneTouch centralized QoS and global security policy push for network resources access and network administration credentials

VitalSuite Performance Management
• Network/applications performance management
• Wide range of services ranging from end-user applications to network infrastructure service
• In addition to Alcatel-Lucent equipment, out-of-the-box support for over 50 vendors, 640 types of network equipment and top 30 business applications

VitalQIP DNS/DHCP IP Management
• Centralized IP address inventory and management
• Unsurpassed DNS/DHCP servers
• Automated configuration of multi-vendor DNS/DHCP
• Latest technology support – VoIP, ENUM, IPv6, mobile HSD, IP video
• Alcatel-Lucent Appliance available

5620 Service Aware Manager and 5650 Control Plane Assurance Manager
• Visualization of service topology and status
• Simplify service provisioning with GUI-based templates
• Comprehensive fault management system to assist with root cause analysis
• Graphical IP topology visualization of multi-vendor IP routes
• Route event browsing for inspection and troubleshooting

Compliance

Devices with the **IPv6-logo** have been certified by the IPv6 Forum (www.ipv6forum.com).

Power over Ethernet is the way to power IP phones, wireless access points, Ethercams, etc. The IEEE 802.3af committee ratified PoE for Fast Ethernet as well as for GigE.

Devices with the **Wi-Fi-logo** have been certified by the Wi-Fi Alliance. (www.wi-fi.org).

Access Guardian enables auto-sensing authentication and granular authorization at the point of access to the network. Access can be intelligently granted to any devices based on mac-address, via a captive portal or using an 802.1X supplicant.

Quarantine Manager isolates attacks to the IP infrastructure without requiring client-based code. Quarantining is based on information retrieved by Alcatel-Lucent switches that have been attacked or any device that can send a fault message containing the attacker's source address.

The **Low Power logo** indicates the devices are optimized in their energy consumption.

The **Metro Ethernet Forum** (MEF) is a global industry alliance comprising more than 120 organizations including telecommunications service providers, cable operators, MSOs, network equipment, test vendors, labs and software manufacturers, semiconductors vendors and testing organizations. www.metroethernetforum.org

The **Traffic Anomaly Detection** feature is used to detect anomalies through statistical analysis of network traffic. Such anomalies are detected in real time network traffic and can be logged, generate SNMP traps, or result in disabling the anomalous port automatically.

OmniAccess 700

Type
Unified Services Gateway

Models
• OmniAccess 740:
   - 2 interface module slots, 2 x RJ45 GigE ports
   - AC power supply
• OmniAccess 780:
   - 6 interface module slots,
   2 x RJ45 GigE ports
   - AC power supply,
   redundant supply is optional

Interface Modules
• 8 x RJ45 GigE ports
• 4 x T1/E1 ports
• 4 x Universal ports (56Kbps-2Mbps)

Management
• CLI, Web, SNMP
• OmniVista 2500

Features
• Hitless component upgrades
• Physical and logical separated management plane
• Routing: VRRP, RIP, OSPF, BGP, GRE
• LAN: Ethernet, VLAN, STP
• Firewall: Stateful, NAT, ALG, (D)DoS protection
• WAN: PPP, MLPPP, FR, MLFR, HDLC
• VPN (IPSEC): DES, AES, PSK, PKI
• QoS: Hierarchical, WRED, ToS/DSCP
• Services: DHCP Relay, FTP, Telnet

OmniAccess 740
OmniAccess 780

OmniStack 6200

Type
Stackable L2 Fast Ethernet Switch
Mix and match up to 8 units

Models
• 12, 24 or 48 x RJ45 10/100 port models
   - Available with and without PoE
• 24 x SFP Fast Ethernet port model
• All models
   - 2 x Gigabit stack ports
   - 2 x GigE combo ports (RJ45/SFP)

Management
• CLI, Web, SNMP
• OmniVista 2500 and VitalSuite

Features
• VLAN, QoS and ACL support
• Stack looping and optional, redundant power supply
• IEEE 802.1X support
• VLAN stacking, DHCP Option 82
• IP source guard, IPTV multicast
• IEEE 802.1AB

OmniStack 6212
OmniStack 6224P
OmniStack 6248

OmniSwitch 6850

Type
Stackable L2/L3 GigE Switch
Mix and match up to 8 units

Models
• 24 or 48 x RJ45 GigE port models
• 24 or 48 x RJ45 10/100 upgradeable to GigE (L models)
• 24 x SFP GigE/Fast Ethernet port model
• All models
   - 2 x 10-Gigabit stack ports
   - up to 4 x GigE combo ports (RJ45/SFP)
• Specific models
   - 2 x XFP 10-GigE ports
   - PoE 802.3af
   - upgradeable to GigE
   - DC or AC power supply

Additional Features
• Advanced power supply redundancy
• Smart Continuous Switching
• Large L3 routing Tables
• VRRP, RIP, OSPF, IS-IS and BGP Support
• 5620 SAM Network Management

OmniSwitch 6850-24
OmniSwitch 6850-P48X

OmniSwitch 6855*

Type
Ruggedized L2/L3 GigE Switch

Models
• 12 x RJ45 GigE ports (of which 4 PoE) and 2 x SFP ports
• 8 x SFP GigE/Fast Ethernet ports and 2 x RJ45 ports
• 20 x RJ45 GigE ports (of which 4 PoE) and 4 x combo ports
• 22 x SFP GigE/Fast Ethernet ports and 2 x combo ports

Additional Features
• VRRP, RIP, and OSPF Support
• Advanced power supply redundancy
• Built to operate in harsh industrial environments
• Outstand stringent shock, EMI/EMC and temperature conditions

*Contact us for availability date

OmniSwitch 6855-14
OmniSwitch 6855-U10

OmniSwitch 6400*

Type
Stackable L2+ GigE Switch
Mix and match up to 8 units

Models
• 24 or 48 x RJ45 GigE port models
• 24 x SFP Gigabit/Fast Ethernet port model
• All models
   - 2 x 10-Gigabit stack ports
   - up to 4 x GigE combo ports (RJ45/SFP)

• Specific models
   - PoE 802.3af
   - DC or AC power supply

Additional Features
• Smart Continuous Switching
• Redundant power supply
• VRRP and RIP Support

*Contact us for availability date.

OmniSwitch 6400-24

OmniSwitch 6xxx Common Features

Management
• CLI, Web, SNMP
• OmniVista and VitalSuite

Features
• L1/L2/L3/L4 policies for advanced QoS and ACLs
• IEEE 802.1AB, UDLD
• VLAN stacking, DHCP Option 82

• IP source guard, IPTV multicast
• Embedded traffic anomaly detection and correction
• Ethernet OAM
• Multicast Switching and Routing

OmniSwitch 7000

Type
Modular L2/L3 Chassis

Models
• OmniSwitch 7700: 8+2 slots, up to 192 10/100 or 96 GigE ports
• OmniSwitch 7800: 16+2 slots, up to 384 10/100 or 192 GigE ports
• DC or AC power supplies

Interface Modules
• 24 x RJ45 10/100 ports with or without PoE
• 12 x 100BaseFX ports
• 12 x RJ45 GigE ports
• 2 or 12 x SFP GigE ports
• 4 x SFP ATM STM-1/OC-3 ports
• 1 x SFP ATM STM-4/OC12 port

Management
• CLI, Web, SNMP
• OmniVista 2500 and VitalSuite

Features
• Smart continuous switching
• Advanced power supply
• Dynamic routing protocols including BGP and multicast
• L1/L2/L3/L4 policies for advanced QoS and ACLs

OmniSwitch 7700
OmniSwitch 7800

OmniSwitch 9000

Type
Modular L2/L3 Chassis

Models
• OmniSwitch 9600: 4+1 slots, up to 192 RJ45 GigE or 24 x 10-GigE ports
• OmniSwitch 9700: 8+2 slots, up to 384 RJ45 GigE or 48 x 10-GigE ports
• OmniSwitch 9800: 16+2 slots, up to 768 RJ45 GigE or 96 x 10-GigE ports
• DC or AC power supplies

Interface Modules
• 24 x RJ45 GigE ports with or without PoE
• 24 x SFP GigE ports
• 48 x RJ45 GigE ports
• 20 x RJ45 10/100 (upgradeable to GigE)
   + 2 SFP Gigabit/Fast Ethernet ports
• 2 x XFP 10-GigE ports
• 6 x XFP 10-GigE ports

Management
• CLI, Web, SNMP
• OmniVista 2500 and VitalSuite

Features
• High performance switching and routing with low latency
• Smart continuous switching
• Advanced power supply redundancy
• Dynamic routing protocols including IS-IS, BGP and multicast
• Simultaneous wire-speed IPv4 and IPv6 support
• L1/L2/L3/L4 policies for advanced QoS and ACLs
• IEEE 802.1AB, UDLD
• Secure management (CLI, Web, SNMP)
• VLAN, QoS and ACL support
• Embedded traffic anomaly detection and correction

OmniSwitch 9600
OmniSwitch 9800
OmniSwitch 9700

7750/7710/7705 Service Router and 7450 Ethernet Service Switch

Type
Modular IP/MPLS Service Router and Ethernet Service Switch

Models
• Service Router 7710 model c4 and c12
• Service Router 7750 model 1,7 and 12
• Ethernet Service Switch 7450 model 1, 6, 7 and 12
• Service Aggregation Router 7705

Interface Modules
• RJ45 10/100 and SFP100BaseFX
• RJ45 GigE and SFP GigE
• XFP/SimplexSC 10-GigE
• DS1/E1 and DS3/E3
• SFP: STM-1/OC-3, STM-4/OC-12, STM-16/OC-48
• SimplexSC STM-64/OC-192
• SFP: ATM STM-1/OC-3, STM-4/OC-12
various port densities, model dependent

Management
• CLI, SNMP
• 5620 Service Aware Manager
• 5650 Control Plane Assurance Manager

Features
• High availability - Non-Stop Routing and Fast Reroute (<50ms failover)
• High reliability - Full redundancy with no single point of failure
• Hierarchical QoS - any service, any user
• High level of network virtualization using L3-VPN VRF and L2-VPN (VLL, VPLS)

7710 SR-c4
7750 SR-12
7450 ESS-1
7450 ESS-6

OmniAccess WLAN

Type
Modular Chassis Wireless Switch

Models
• OmniAccess 6000PS2: 4 slots + 2 power supplies
• OmniAccess 6000PS4: 4 slots + 2 PoE power supplies

Modules
• 2 x GBIC GigE ports
• 24 x RJ45 10/100 ports with or without PoE
• Supervisor 1 (max. 2 per chassis)
• Supervisor 2 (max. 2 per chassis)
• Supervisor 3 with integrated XFP and SFP ports (max. 4 per PS4-chassis)*

Type
Standalone Wireless Switch

Models
• OmniAccess 4302: 1 x RJ45 10/100 port and 1 x RJ45 10/100/100 port
• OmniAccess 4304/8: 8 x RJ45 10/100 PoE ports and 1 x GigE port
• OmniAccess 4324: 24 x RJ45 10/100 PoE ports and 2 x GBIC GigE ports
• OmniAccess WLAN 4504/4604/4704: 4 x GigE combo ports*

Type
Wi-Fi access points

Models
• Indoor and outdoor models
• Integrated or external antennae
• 802.3af PoE or external powered
• IEEE 802.11a, IEEE 802.11b/g and IEEE 802.11n draft*

Management
• CLI, Web, SNMP
• OmniVista Mobility Manager
• OmniVista 2500 and VitalSuite

Features
• WEP, WPA, WPA2, TKIP, AES, WMM, IEEE 802.1X
• Automatic RF management
• Advanced wireless IP telephony support including:
   - Battery saving, load balancing
   - IEEE 802.11e QoS
   - Alcatel-Lucent Wi-Fi phones and standard SIP phones
   - Call admission control
• Integrated stateful firewall
• Wireless IDS/IPS, rogue AP detection
• Real time localization for Wi-Fi clients and Wi-Fi asset tags
• Virtual site survey technology
• Wireless mesh including P2P-bridging
• Remote access points supporting NAT traversal

* Contact us for availability date

OmniAccess 6000
OmniAccess 4302
OmniAccess 4504
AP61
AP65
AP85
AP125

VPN Firewall Brick

Type
Distributed VPN/Firewall, security appliance

Models
• Brick 50: 3 x RJ45 Fast Ethernet ports, AC power supply
• Brick 150: 4 x RJ45 Fast Ethernet ports, AC power supply
• Brick 700: 8 x RJ45 Gigabit ports, AC or DC power supply
• Brick 1200: 8 x RJ45 Gigabit + 2 SFP Gigabit ports, dual AC power supply
• Brick 1200 HS: 14 x RJ45 Gigabit + 6 SFP Gigabit ports, dual AC or DC power supply

Type
Standalone Wireless Switch

Brick 50
Brick 700
Brick 1200

OmniAccess 3500 Nonstop Laptop Guardian

Type
Transparent, secure, remote laptop manager

Model
PCMCIA-card with wireless modem

Management
Central Policy Server

Features
• Embedded CPU and self-contained, hardened operating system
• Rechargeable battery supplies power to the card when the laptop is on standby or shut down
• Flash memory storage of software updates, patches or downloads while the laptop is powered off
• GPS capabilities for locating lost or stolen laptops
• Secure communications over the enterprise VPN with no additional software required on the laptop

Secure Laptop Card

OmniAccess Safeguard

Type
Application-aware Network Access Controller

Models
• OmniAccess 2400 Safeguard
   - 24 x SFP GigE ports
   - Dual AC power supply
• OmniAccess 1000 Safeguard
   - 10 x SFP GigE ports
   - Dual AC power supply

Management
• OmniVista SafeGuard Manager
• OmniVista 2500

Features
• Overlay Security:
   no network changes
• User Authentication: Web, IEEE 802.1X, Kerberos, DHCP
• Role/Identity based Network Access policy management (Per-user and per-application controls)
• Real-time network visibility & incident monitoring
• Advanced behavioral anomaly detection against zero-day attacks and malware
• Web Portal with Clientless Integrity Check
• Granular Quarantining
• High Availability Option
• Compliance reporting

OmniAccess 2400
OmniAccess 1000

OmniAccess 8550 Web Services Gateway

Type
SOA appliance for compliant business process automation

Models
• Standalone
• High availability for mission critical environments

Features
• Patent-pending security features required for proper corporate governance
   - Session-based run-time policy enforcement
   - Consolidated audit trails
   - Data privacy protection
• Managed partner extranet features
   - Identity interoperability
   - Service virtualization
   - Seamless user mobility
• Information system interoperability
• Service mediation

OmniAccess 8550

Alcatel·Lucent

To provide our customers with the industry's best value in feature-rich and open standard communication system.

Alcatel·Lucent

Wireless Terminals

300 DECT
• Graphic display (pixels) 96 x 48 Monochrome LCD
• Backlight Display (blue)

400 DECT
• 98 x 66 Color LCD with 4,096 colors
• Speakerphone
• Backlight Display (white) and keypad (blue)
• Headset connection

Common Features
• 120 (h) x 45 (w) x 22 (d) mm
• 110 g
• Vibrate mode (direct key control)
• DECT/GAP
• Basic charger
• Dual charger

IP Touch 310 WLAN
• 137 (h) x 51 (w) x 23 (d) mm
• Push-to-talk feature

IP Touch 610 WLAN
• 145 (h) x 51 (w) x 23 (d) mm

Common Features
• 111g
• Graphic display (pixels) 128 x 96 Monochrome LCD
• Speakerphone
• Backlight Display and keypad
• Vibrate mode
• Headset connection
• Wireless standards IEEE 802.11 a/b/g
• Basic charger
• Dual charger (including configuration cradle through USB link for software upgrade)
• Quad charger

300 DECT   *400 DECT*   *IP Touch 310 WLAN*   *IP Touch 610 WLAN*

Wireline Terminals

4068
• Adjustable graphical display
• 240x320 pixels ¼ VGA
• 4096 colors
• Comfort handset
• Specific headset plug 3.5 mm
• Alphabetic keyboard
• Bluetooth® 1.2 wireless techn.
• Additional PC connectivity with switch

4038
• Adjustable graphical display
• 100x160 pixels
• 4 gray levels
• Comfort handset
• Specific headset plug 3.5 mm
• Alphabetic keyboard
• Additional PC connectivity with switch

4028
• Adjustable graphical display
• 64x128 pixels
• Black & white
• Comfort handset
• Specific headset plug 3.5 mm
• Alphabetic keyboard
• Additional PC connectivity with switch

4018
• Character display
• 20 characters
• Black & white
• Comfort handset
• Additional PC connectivity with switch

4008
• Character display
• 20 characters
• Black & white
• Standard handset

Common Features
• Hands-free mode
• External loudspeaker
• External power supply
• Dial by name
• IEEE 802.3af full compliance
• 10/100/1000BT Auto sensing & configurable

Add-on modules
• 10 traditional keys add-on module
• 40 extra keys add-on module
• 14 keys with LCD add-on module
• Bluetooth® handset
• Headsets

4068 IP Touch   *4028 IP Touch*   *4008 IP Touch*   *Bluetooth Handset*

Attendants Devices Class B

• Multimedia TDM attendant 4059 SBC
• Multimedia IP attendant 4059 IP
• Attendant 4059 common features
- Graphical view of waiting queues
- Direct access to called party communication resources
- Subscriber and trunks supervision
- Text messaging
- Recording of communications
- System management
- DECT guest management
- Dynamic Directory access key
• IP attendant Soft Phone

Attendant Directory

Voice Encryption

Architecture
• Server Security Module (SSM) for Communication Server
• Media Security Module (MSM) to other IP components
• Software Security Module integrated in IP Touch phones and Soft Phones

Media Encryption
• Voice encryption based on SRTP with AES 128 bits
• Transparent modem and fax encryption

Signalling Encryption and Integrity
• Signalling protection: IP Sec ESP (Transport mode) with AES 128 bits
• Signalling integrity: HMAC SHA1

Voice Encryption

OmniVista / Management
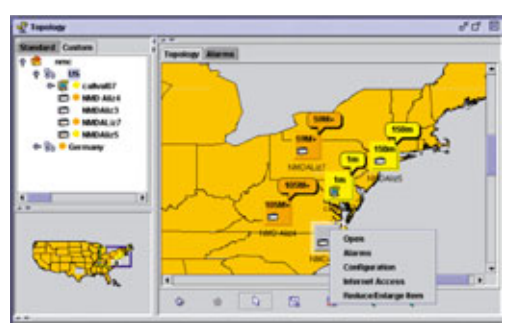
VitalSuite Performance Management Software
• Centrally manages network, application and service quality
• Real-time event analysis and alarming
• Out-of-the-box support
• VoIP testing of audio and signaling performance indicators
• OmniPCX Enterprise Integrated call and system monitoring
• System Level Key Performance Indicators

OmniVista 4760 NMS application suite
• Centralised management platform
• 600 OmniPCX nodes
• 100,000* Users
• 200,000 Directory entries
• 30 simultaneous web based or Java clients

Services
• User-friendly Configuration
• Network maintenance
• Operations audit
• Real-Time Alarms
• Tailored and animated Topology maps
• Multi-carrier Metering
• Performance analysis
• VoIP quality monitoring
• Company Directory
• Third-party SIP devices management
• Integration with Network Management Platforms

* Application distributed on multiple servers

Topology Map

Extended Communication Server

Extended Communication Server
• Compact Edition for 6-25 users
• Premium Edition for 25-200 users

Features
• Collaboration: Virtual Desktop, Web-mail, Calendar, Contact, Tasks
• Unified Communications: Telephony Features with OmniPCX Office (Click-to-Call, Nomadic Extension, Voice Messaging, Transfer)
• Mobility: Mobile Virtual Desktop, Push Mobile
• IT Services: Security & Network Functions, Mail Server, Web Server
• Administration: Web-based Management, Automated Software Update

Extended Communication Server Compact Edition

Extended Communication Server Premium Edition

OmniPCX Office

OmniPCX Office
• Compact Edition for 6-20 users (6-50 IP users)
• Unit 1 / Unit 2 / Unit 3 for 6-200 IP users

Architecture
• Unit 1: 2 free slots / Unit 2: 5 free slots / Unit 3: 8 free slots
• Integrated AC/DC power supply
• Integrated battery back-up (10mn)
• Extended back-up with external battery

Applications
• 3 to 6 party conferencing
• Web audio conferencing
• Integrated Voice
• Integrated Unified Messaging
• One Number Application, Cellular Voice Client
• Welcome Greetings
• Automated Attendant

• ACD/Call Center (32 agents, 4 supervisors)
• PIMphony Soft Phone
• PC based Attendant
• Management OmniVista 4760
• CSTA (XML Web Services)
• Networking: IP Network, SIP / H323

OmniPCX Office   *OmniPCX Office Compact Edition*

OmniTouch Contact Center
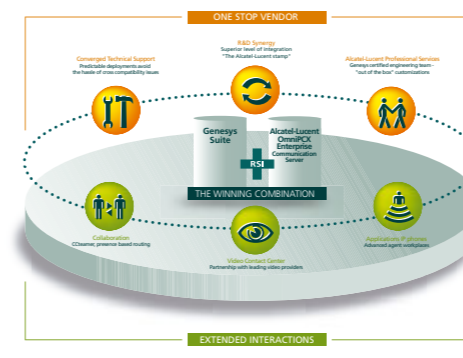
OmniTouch Contact Center Standard Edition
• 5,000 Declared agents
• 5,000 Agents with private extension
• 1,000 CCA Soft phone agents
• 1,000 CCO Outbound agents
• 1,000 CTI supervision
• Advanced Call Routing (Skill mapping)
• 30 Supervision CCS
• 30 RTI Wallboard connections
• 8 Wall board Serial links
• 1 Work Force Management interface
• CCIVR

OmniTouch Contact Center Premium Edition
• CC Interaction
- 150 Incoming Voice Agents with CTI supervision
- 150 Outgoing Voice Preview and Predictive Agents
- 150 Agent scripting
- 150 Email Agents
• Actionable CC
- 15 Visual CC (Supervisors)
• Visual IVR
• Exposure CC
- Developer SDK
- Openness Pack Reporting
- Openness Pack Workforce Management
- Openness Pack IVR and Wallboard
• Adapters
- G+ Adapters for Microsoft CRM
- G+ Adapters for SAP ERP
- G+ Adapters for SAP CRM

OmniGenesys Contact Center Solution
• Scalable Solution
- Unlimited number of Multi Media Blended
• Customer Interactions
- Inbound Voice, Outbound Voice
- Self-Service
- Email
- Web Chat
• Collaboration
- CCTeamer
• Integration
- Agent Desktop
- Expert Contact
- Gplus Adaptors
- SDK
• Insight
- Workforce Management
- Supervisor desktop
- Informart

Distribution Matrix   *OmniGenesys Contact Center*

OmniTouch Unified Communications

Services
• Telephony
• Unified Messaging (email, fax, voice mail)
• One Number routing
• Instant Messaging
• Audio, Web and Video Conferencing
• Audio Messaging Delivery Service
• Rich Presence

Unified Client: My Instant Communicator
• Personal Computer
• Mobile Phone
• 8 Series (4038, 4068)
• Complements IBM and Microsoft desktop environments
• Openness through XML Web Services
• Security policy
- Authentication (LDAP/LDAPS, RADIJS)
- Single Sign On (NTLM)
- Confidentiality (HTTPS, LDAPS)
• Redundancy
- Availability (N+1)

Event summary on IP desktop softphone   *Event summary balloon*

OmniPCX Enterprise

OmniPCX Enterprise
• Architecture: Centralised, Distributed, Networked
• Performance 300,000 BHCC
• Resilience
- IP Redundancy Level 2 or 3
- 99.999% time availability
- 100 PCS
• 15,000 Users per Communication Server
- 15,000 IP Touch wire line phones
- 5,000 SIP wire line phones
- 5,000 wire line TDM phones
- 5,000 DECT or Wireless LAN phones

- 5,000 Cellular Extensions
- 1,000 S0 terminals
- 50 Attendants
- 240 Media gateways
• 10,000 Trunks per node
• 2500 SIP Trunks per node
• 100 Nodes in an ABC Network (cluster)
- 100,000 users per ABC Network
- 24,000 Media gateways
• 255 "ABC Networks" (clusters) in a "Supra Network"
• 25 Millions users per "Supra Network"

Features
• 500+ Business Telephony features
• Embedded SIP Communications
- SIP telephony features
- SIP Trunking to NGN2
• Attendant Services
• Voice and fax mail
• Contact centre services
• Full feature set for DECT
• Voice over Wireless LAN
• Cellular Extension
• Survivability PCS
• VoIP Encryption

• Multi Companies/Departments
• Hotel and Hospital services

Nokia ICC   *Blade Center*   *Cellular Extension*

Out Of The Box Solutions

• Synchronization Microsoft Active Directory – Alcatel-Lucent OmniVista 4760
- Automatic user phone number assignment
- Automatic communication parameters change
- Simplified telephony management
• Billing Credit Control
- Individual usage control
- Threshold notifications
- Public network access limitations
• OmniVista 4760 SNMP Integration
- Real time and automatic voice components identification
- Alarm management
• Remote Silent Observation
- Permanent listening
- Restricted barge-in
- Help request from agents

• OmniGenesys Wallboard Manager
- Real-time information display
- Real-time update
- Scheduled multiple templates
- Multi-language management web interface
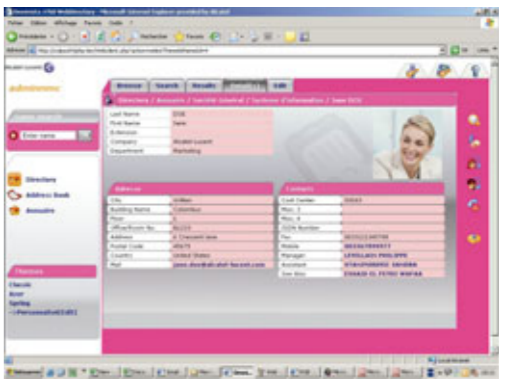
Business integrated Communication Solution

• Stand alone
• 500 users
• 8 x IP Media Gateway
• Voice Mail 4645
• Contact Center
- 50 Agents
- 2 Supervisors
• OmniVista 4760
- 2 simultaneous clients
- 3,000 directory entries
• OmniTouch Unified Communications
- My Instant Communicator
- One number services
• Availability Passive Call Server
• Silent installation wizard
• Virtual machine and host parameter scripts

Appliance Server

Security

Security
• System Authentication
- Radius server
- 802.1X IP Touch authentication
• System Security
- OmniPCX Enterprise Embedded firewall
- Managed IP Touch PC port
- IP Touch PC port VLAN Tagging
- Management clients encryption IPSEC
• System management (dual port, SSH, SSL, SNMPv3, etc.)
• System Integrity
- Media Gateways and IP Touch binaries signatures
- Logs history: Syslog
• User Authorization
- Call barring
- Business and hospitality pre-payment
- Secured DISA

Wireless Infrastructure

Wireless LAN
• No limit of Access Point
• AP60, AP61 single radio
- 12 communications in 802.11a
- 10 communications in 802.11g
- 8 communication in 802.11b
• AP65, AP70 Dual band
- 12 communications in 802.11a
- 10 communications in 802.11g
- 8 communications in 802.11b

• Security
- WEP RC4 algorithm
- WPA 128 bits User Authentication Key
- WPA2 Advanced Encryption Standard

DECT Mobility Infrastructure per Communication Server
• 1,000 RBS per system
• 256 IBS per system
• RBS: 12 communications
• IBS: 6 communications
• Security
- 8 PARI
- 128 bits User Authentication Key
- 64 bits Derived Cipher Key

AP61   *AP60*   *Radio-based Station DECT*

Media Gateway

Per Communication Server
• 240 IP MG Rack 1 or Rack 3
• 120 IP MG two Rack 3
• 80 IP MG three Rack 3
• 90 Crystal IP MG M2 or M3

Crystal Media Gateway Features
• 800 TDM phones
• 5,000 IP phones
• 12 ISDN or Private PRI
• 40 ISDN BRI

IP Media Gateway Features
• 250 TDM phones
• 5,000 IP phones
• 12 ISDN or Private PRI
• 12 ISDN BRI

Rack 1 and Rack 3   *Cabinet M2*

WALL BOARD
12 to 96 DIGITS
5 colors + blink
for ALCATEL
OmniTouch

Wallboard

www.alcatel-lucent.com