

# Converged IP Communications Platform

KX-TDE600

Enhanced Communications Solutions



# Panasonic ideas for life

# The intelligent, versatile communications solution

A large **corporation** with hundreds of employees, a major **hospital** in the middle of a bustling city, a multi-story **hotel**, a thriving **manufacturing facility**, a prestigious **university**... What's the common ingredient shared by most large and successful organizations? The answer: A powerful and versatile communications system that instantly and cost-efficiently links employees to customers and each other, no matter where their location.

## The Panasonic KX-TDE600

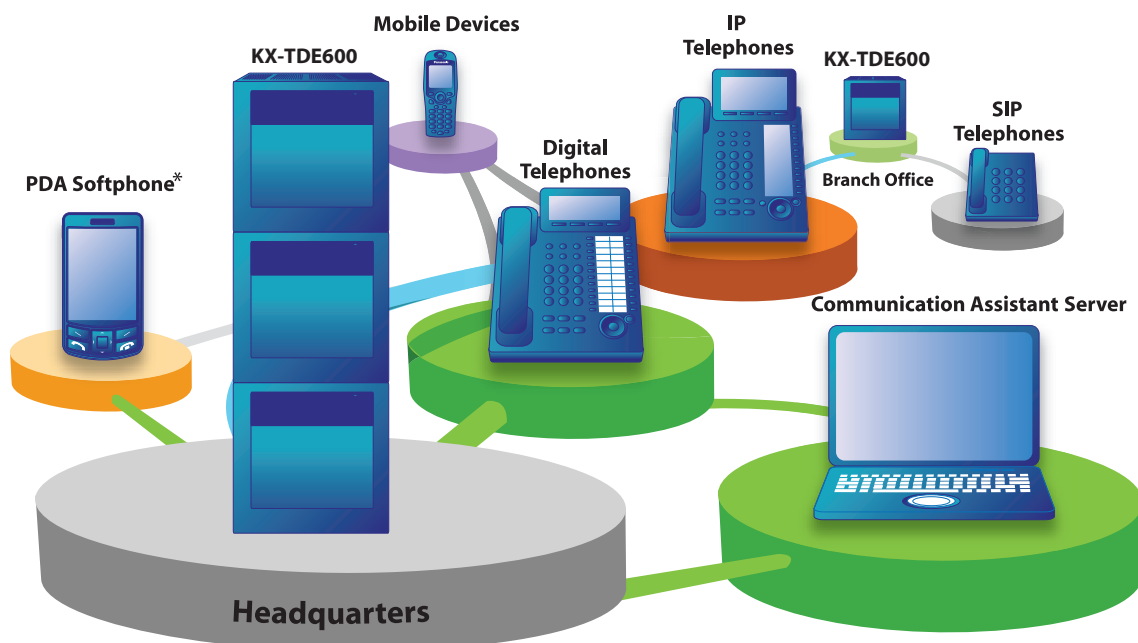
is a robust, flexible communications system designed to offer incredible versatility for structuring your company's communications network. Now you can build a quick, cost-efficient, decentralized organization under an easy-to-maintain centralized hub.

State-of-the-art wireless capability is designed into the TDE600, so it's easy to stay in touch with employees that are constantly on the move or away from their desks. For businesses with multiple locations, the system can be networked together using advanced IP technology, ISDN, or basic T1 services. The TDE600 system supports centralized voice mail, which services all locations within the extended voice mail network, and allows you to view the status of extensions in other locations.

## Anytime, Anywhere Communications

No longer bound by the desk-centered work environment, businesses are now leveraging the power of "virtual offices" which let employees take the communications resources of the home office on the road—whether they're at home, the airport or a branch office in another country. In such a dynamic, decentralized environment, it's essential that businesses communicate effectively, anytime, anywhere.

Panasonic TDE systems help businesses maximize productivity by staying in touch with everyone, wherever they may be, by adding value to business processes and allowing anytime, anywhere access to all communication.





## Grows with You

The KX-TDE600's modular design lets you expand the systems as your business needs evolve. The Basic Shelf provides a maximum of 192 CO lines which can be expanded up to 640 with the use of up to 3 expansion shelves. Plus, with the KX-TDE600's free slot architecture, you can easily insert expansion cards and access new features as well as expand your capabilities. This expandability means you can enhance system capabilities and features to meet your changing needs, without having to purchase a new system.



**Base Unit**  
CO lines: 192



**Base Unit +1  
Expansion Shelf**  
352



**Base Unit +2  
Expansion Shelves**  
512



**Base Unit +3  
Expansion Shelves**  
640



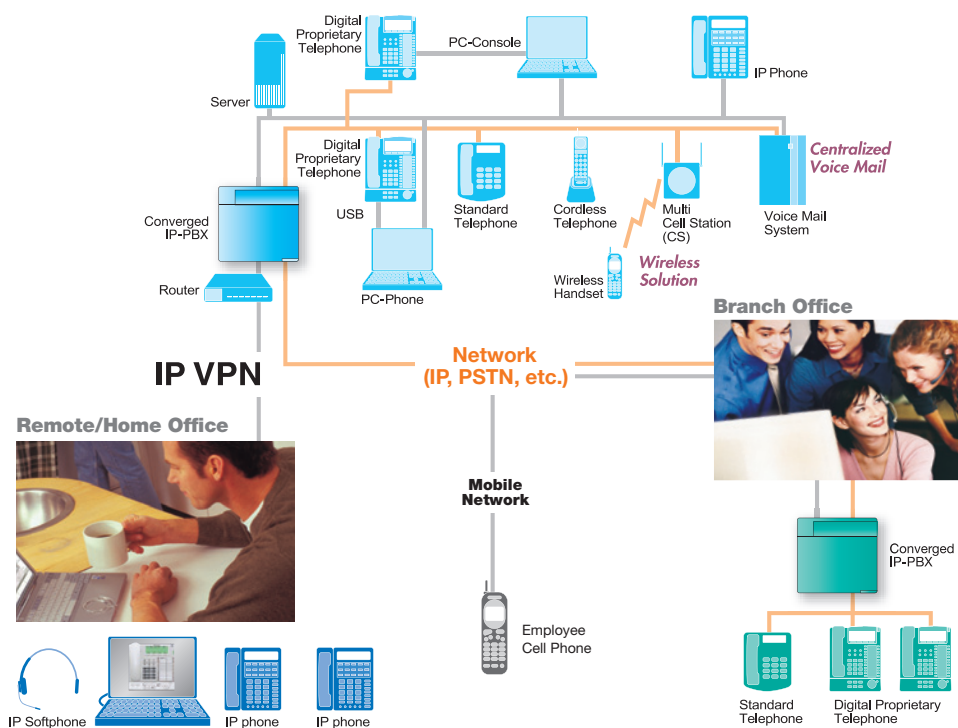
# Enhanced **communications** and **networking** solutions

## Networking Solutions

The KX-TDE600's sophisticated, flexible architecture lets you custom design a networking solution that best complements your organization's communications structure—no matter how mobile or decentralized. Employees can telecommute, calls to the home office can be forwarded to a salesperson's mobile phone and satellite offices can be brought under a single, easily managed network.

For businesses with multiple locations, our systems can be networked together using advanced IP technology, or ISDN, or T1. The TDE600 also supports centralized voice mail, which services all phones within the network.

### Headquarters



# So many ways to connect

Panasonic system telephones offer unlimited connection options to fit not only the unique configuration of your business structure, but also your budget.



## KX-NT300 Series IP Telephones

**VoIP Solutions for Ultimate System Access.** Panasonic IP system phones let you integrate your remote employees and locations by giving them easy access to your corporation's central communication hub, letting them enjoy the feature-rich capabilities of the KX-TDE600.

## DECT Multi-Cell Wireless Handsets

**Enjoy superb mobility no matter where you work.** Whether it's in an office, warehouse, supermarket or other large facility, Panasonic Multi-cell DECT system phones keep you in touch with customers and colleagues, even when you have to leave your work area. Need a tough phone for tough environments? Our ruggedized, shock-resistant model features dust and splash protection and stands up to accidental drops and spills.



## IP Conferencing Phones

**Get the Most out of Your Conference Calls.** With ever-tightening budgets, busy schedules, deadlines, traffic jams and geographically dispersed offices, telephone conferences are proven time and money savers. Get the most out of your conferences with the Panasonic KX-NT700 IP Conference Phone. Enjoy hi-def sound while benefiting from ingenious features such as the ability to record calls on an SD card, Real Time Slow Talk, which slows down the speech of fast talkers, and Noise-Reduction Technology.

## SIP Phones

**Increase Connection Options while Lowering Costs.** The Panasonic KX-HGT100 uses the latest SIP (Session Initiation Protocol) technology, helping to lower business telephone costs and simplify communication management. It supports local office users or remote workers, connecting over high-speed broadband IP networks from virtually anywhere. Ideal for companies with geographically diverse office locations.



## KX-DT300 Series Digital Telephones

**Not ready to configure for IP?** Our line of new digital telephones is a fully-featured alternative to the NT300 series.

# Productivity Applications to

## Communication Assistant Productivity Application Suite

Communication is key to running a successful business, whether you are small or large. Communication bottle-necks can seriously affect customer service, damage client relationships and lower productivity.

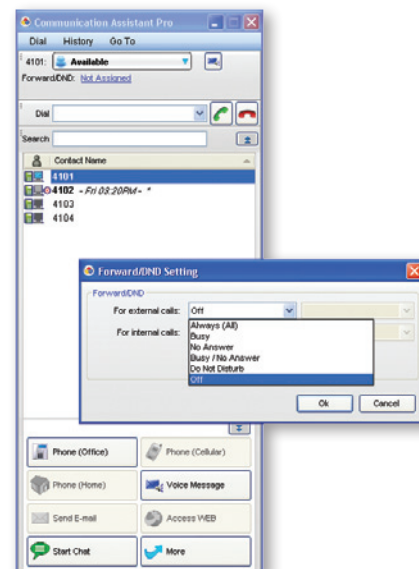
Harness the power of the KX-TDE600 with our groundbreaking Communication Assistant. This highly-intuitive server-based application suite provides the following key features:

- Enhanced Voice Messaging (VMA)
- Instant Messaging (Chat) and Presence Capabilities
- Microsoft® Outlook®, CRM (TAPI) and Third Party Database (LDAP) Contact Integration
- Softphone

In addition, you can access presence information on other Panasonic PBXs and initiate chat or make and transfer calls across the network.

Communication Assistant productivity software offers an affordable, flexible and reliable solution to help your business lower costs, increase revenue, improve customer satisfaction and increase employee productivity.

*CA availability for the TDE series is expected late 2009.*

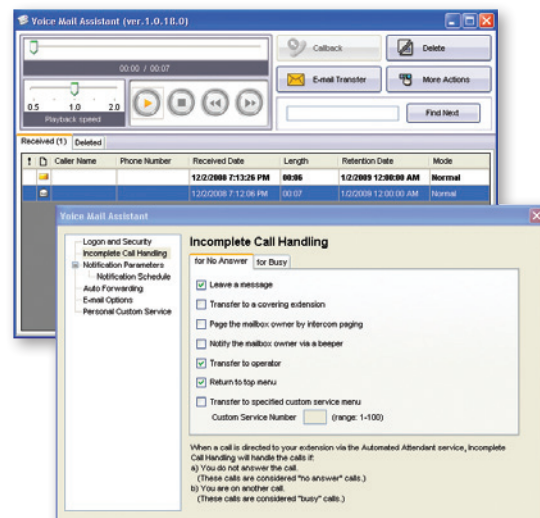


## VM Assistant – Flexible, Easy-to-Use, Unified Messaging

Access any voice messages you have and in the order that you prefer to retrieve them. All you need is a computer with network access with VM Assistant.

Additionally, companies using the optional KX-TVA Voice Messaging Solution can use Communication Assistant to visually manage their voice mails with Voice Mail Assistant. This allows you to:

- Visually See Voicemail Messages
- Play and Pause Messages
- Skip Messages Forward or Rewind Messages
- Change the Playback Speed
- Delete Unwanted Messages
- Change and Administer Voice Mailbox Options
- Export Messages to a PC
- Call Back the Person Who has Left a Message
- Send a Message as Email Attachment



# Suit Your Business Needs

## Call Center Solutions

Achieve efficient, cost-effective call center management with the TDE600's built-in call center functions. In addition to its powerful monitoring and reports functions, the system can organize and distribute calls according to purpose and priority, making your call center more efficient while maximizing customer service.

Calls can be queued while your team is busy with other calls, and music or prerecorded promotional messages can be played for waiting callers to help reduce lost calls and missed business opportunities. You can also assign an additional backup destination for calls that are not answered within a specific period of time. Preferred customers and VIPs can even have their calls priority routed to specific staff members, allowing you to provide special attention to special clients.

## KX-NCV200 ACD Reports Server

The KX-NCV200 bolsters the TDE600's call center functions with monitoring and performance reports, call information history, and agent log-in. It's easy to optimize call center management with the NCV200's readable and comprehensive performance reports, which can be reproduced in emails or color graphs.

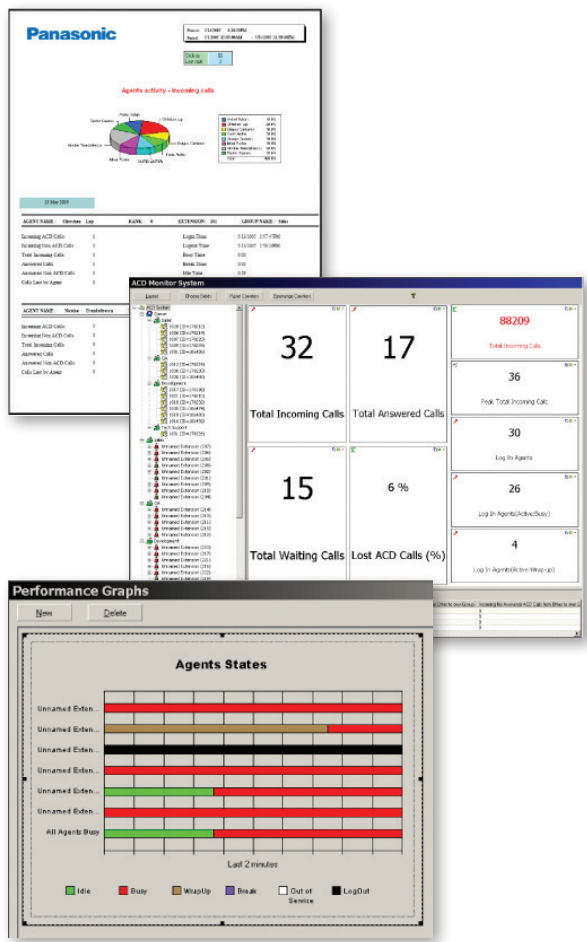


## Industry Specific Solutions

Panasonic works with a wide range of industry third party product providers to offer a complete integrated solution to meet your business. Please consult with your Panasonic dealer to learn more.

## Support for SIP Trunking

The KX-TDE600 can easily connect with an ever-growing list of providers offering SIP trunking services—an excellent way to maximize savings on your long distance charges. Calls between business locations can be routed by the service provider over its own network, thereby keeping the call from entering the network of other carriers who may charge connection, local toll and long distance charges. It also offers many other benefits by combining the internet connection with the telephone line connection while allowing each employee to have their own direct phone number. Panasonic assures out-of-the box functionality for a complete end-to-end solution.







## Integrated Messaging Solutions

Integrated messaging solutions automate your message delivery so your customers can get the responsive, professional support they deserve. The system records messages automatically, keeping you in touch 24-hours a day. And of course, you'll love the cost savings. Panasonic messaging combine convenience with cost-savings all while producing a more satisfied customer.

### Email Integration and Voice Mail with Auto Attendant

Add a KX-TVA series voice processing system and easily manage calls using the built-in automated attendant service, voice mail with email integration, and more. With the high level of integration between the TVA and the TDE600, you can enjoy features like voice mail LCD menus that allow you to access and manage your voice mailbox using the LCD display and soft keys. With so many choices, it's easy to custom design a system that's right for you.

MAXIMUM CO LINES				
Type	Base Unit	Base Unit +1 Expansion Shelf	Base Unit +2 Expansion Shelves	Base Unit +3 Expansion Shelves
<b>Total Number of CO Lines</b>	192	352	512	640
CO Line (Physical CO Line Card)	160	320	480	640
CO Line (Virtual CO Line Card)	32			

MAXIMUM TERMINAL EQUIPMENT				
Type	Base Unit	Base Unit +1 Expansion Shelf	Base Unit +2 Expansion Shelves	Base Unit +3 Expansion Shelves
<b>Telephone (using Digital Extra Device Port)</b>	368 (432) <sup>1</sup>	608 (736) <sup>1</sup>	848 (1008) <sup>1</sup>	992 (1152) <sup>1</sup>
Single Line Port / Single Line Telephone	240	480	720	960
KX-DT300/KX-T7600 series Digital Proprietary Telephone	256	512	640	640
Other Digital Proprietary Telephone	128	256	384	512
Analog Proprietary Telephone	80	160	240	320
IP Proprietary Telephone	224	384	544	672
IP Proprietary Telephone <sup>2</sup> (supported by IP-EXT16 card)	160	320	480	640
IP Proprietary Telephone <sup>3</sup> (supported by IPCEMPR card)	64			
SIP Extension	128			
DSS Console	64			
Cell Station	32	64	96	128
High-Density Cell Station	16	32	48	64
Multicell Wireless Phone	512			
Voice Processing System (VPS) <sup>4</sup>	8			
Doorphone	16	32	48	64
Door Opener	16	32	48	64
External Sensor	16	32	48	64
External Relay	16	32	48	64

1 Even when Digital Extra Device Port is used, each shelf supports a maximum of 256 KX-DT300/KX-T7600 series Digital Proprietary Telephones.

2 KX-NT300 series (except KX-NT366/KX-NT305), KX-NT265, and KX-NT136.

3 KX-NT300 series and KX-NT265 (software version 2.00 or later only).

4 Only a single VPS can be connected to one optional service card.



### Panasonic Communication Company of North America

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[www.panasonic.com/ecs](http://www.panasonic.com/ecs)

### Panasonic Customer Service

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10 am - 7 pm (EST) Sat. and Sun.  
1-800-211-PANA

[www.panasonic.com/support](http://www.panasonic.com/support)

For hearing or speech impaired TTY users, TTY 1-877-833-8855