

# KX-TDA VoIP Solutions

## Gives you Access to VoIP Technology and Networking

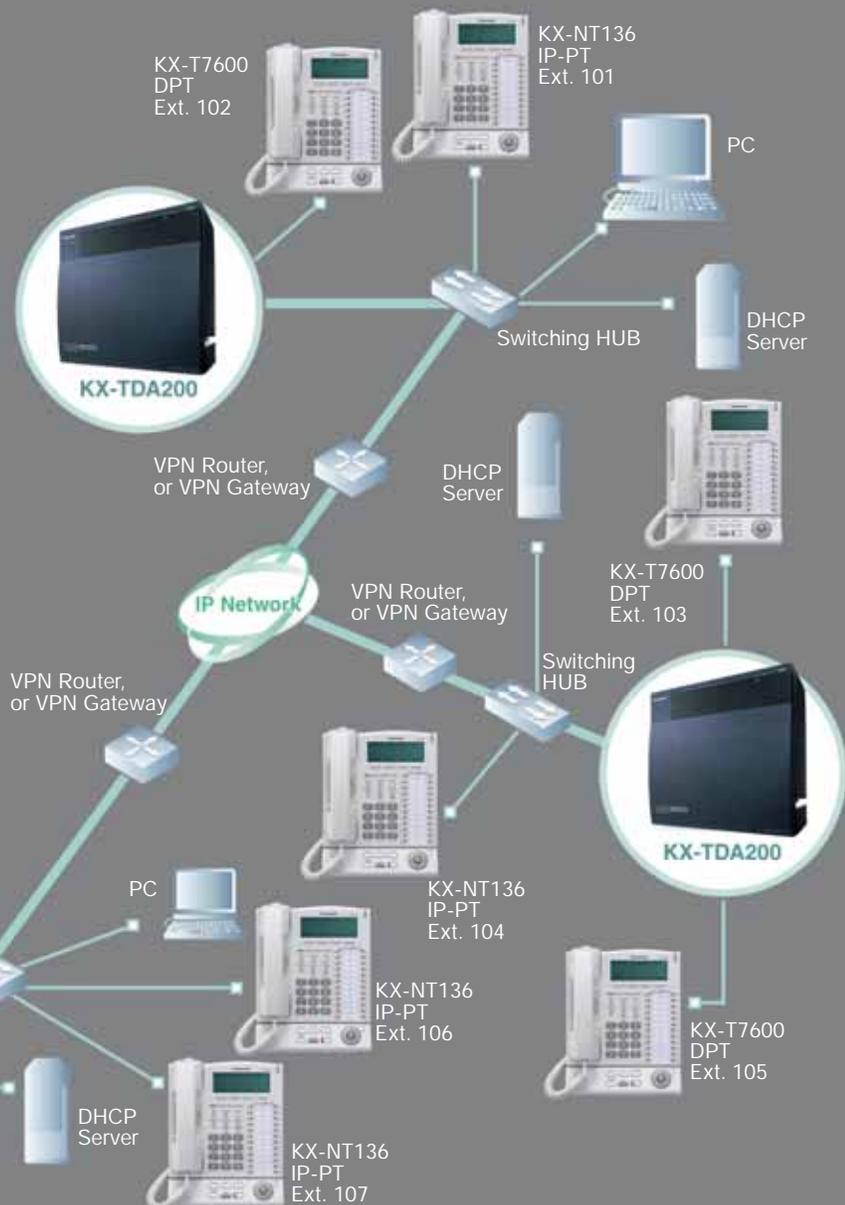
Leverage your data network to keep telephone expenses down; the Hybrid IP-PBX can serve as the core of a cost effective, easy-to-use interoffice communication/voice networking system. Networking personnel and office facilities—using Voice over Internet Protocol (VoIP) on your existing wide area network (WAN) or local area network (LAN) can help reduce costs while providing reliable communications both within the company and outside.

The KX-TDA Hybrid IP-PBX system supports the proprietary wired digital telephones in conjunction with the new KX-NT136 IP telephones delivering a wider variety of configuration options.

The KX-NT136 IP telephone can be installed and supported anywhere within your IP network. For customers with multiple offices and branch facilities the KX-NT136 can eliminate the need for multiple PBX units to support a branch office. The administration of the KX-TDA Hybrid IP Communication System can be centrally managed from a single location or with the addition of the CTI link card from your branch offices over the data network. The KX-NT136 IP telephones supports most of the functions of the digital telephones located in the main office, including the KX-TVA voice processing system with its unified message functions.

The KX-TDA Hybrid IP-PBX system also supports the powerful QSIG communications protocol when you use our VoIP gateway card. This allows you to interconnect multiple KXTDA PBX systems in different locations to build a large, effective and seamless virtual telephone system. Combined with the KX-TDA Intelligent Routing functions, your network becomes the backbone for an advanced multi-node communication system, helping to lower your communication cost and raise your work force productivity.

As an example, customers with a large corporate office and multiple satellite offices can be connected by using a single KX-TDA100 or KXTDA200 and their existing wide area network (WAN). Caller ID information or extension information is passed to the display of the telephone through the network. A simple 3 to 5 digit numbering plan makes dialing from one office to another as easy as dialing from an extension within the same office. With A Panasonic VoIP solution you can reduce you telecommu- nications costs by eliminating costly local exchange carrier costs while maintaining a the high quality of service that you need for your voice communications.



**Panasonic ideas for life**

# IP Telephones: Versatile and Efficient

Panasonic IP telephones provide access to a wide range of advanced applications, while maintaining your familiarity with the popular KX-T7600 series telephones.

## User-friendly Display

The backlit display gives visual feedback that makes it easier to handle calls and perform other tasks. Use the display to view a variety of information or to access the various features of your Hybrid IP-PBX. KX-NT136

## Message/Ringer Lamp (Dual Color)

The Message/Ringer Lamp lights to indicate when a call comes in or when a message has been received, so you can always tell when you have a call or message—even from a distance.

## Dual-Ethernet Ports

With 2 Ethernet ports built in, there is no need to sacrifice an existing hub or router connection for each IP-PT. Simply connect each IP-PT to an existing LAN cable, then connect each extension user's PC to the corresponding IP-PT. No PC software settings are necessary, and no additional hubs or routers are needed!

## Effortless LAN Integration

After installing an optional 16-channel IP extension card in the Hybrid IP-PBX, the PBX can be integrated with your existing LAN by simply connecting to your existing router or switching hub.

## Programmable Keys with Red/Green LED

Extension users can customise their telephones to provide quick access to outside lines, other extensions, or commonly used features. For increased administration and control, the system administrator can also customise the programmable keys for multiple extension users using a PC and the KX-TDA Maintenance Console software.

## Time-Saving, Easy-to-Use Navigator Key

The intuitive Navigator Key helps extension users quickly select and control various features, including commonly used settings such as ringer and speaker volume.



## IP Proprietary Telephone Specifications (KX-NT136)

Display	Alphanumeric Display (Lines x Characters)	6x24
	Tilt-Angle Adjustment	4 Steps
	Display Contrast Adjustment	4 Levels
	Backlit	•
	Feature Access Keys for Display	4
Keys	Programmable CO Keys with Dual-Colour LED	24
	Direct Station Selection (DSS) Keys with Busy Lamp Field (BLF)	•
	Navigator Key	•
	Message/Ringer Lamp	•
Audio	Speaker-Phone (Monitor) Volume Control	12 Levels
	Handset Volume Control	4 Levels
	Ringer Volume Control	4 Levels
	Whisper OHCA	•
Connections	IP-PT to LAN Connection	•
	IP-PT to PC Connection	•
	Optional Headset (KX-TCA89) Compatible	•
Others	Station Speed Dial Numbers	10
	Wall Mountable	•

## Advantages of IP Telephony

### Low-cost

There's no need for an off-site PBX or traditional telephone wiring.

### Transparent integration

You can administer and operate your IP telephones just like your other extension telephones.

### Flexible

IP technology allows you to send data and voice over the same lines.