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Mobile
Hybrid System

Hybrid IP PBX KX-TDA100D Sales Guide

TDA100D
Hybrid IP-PBX



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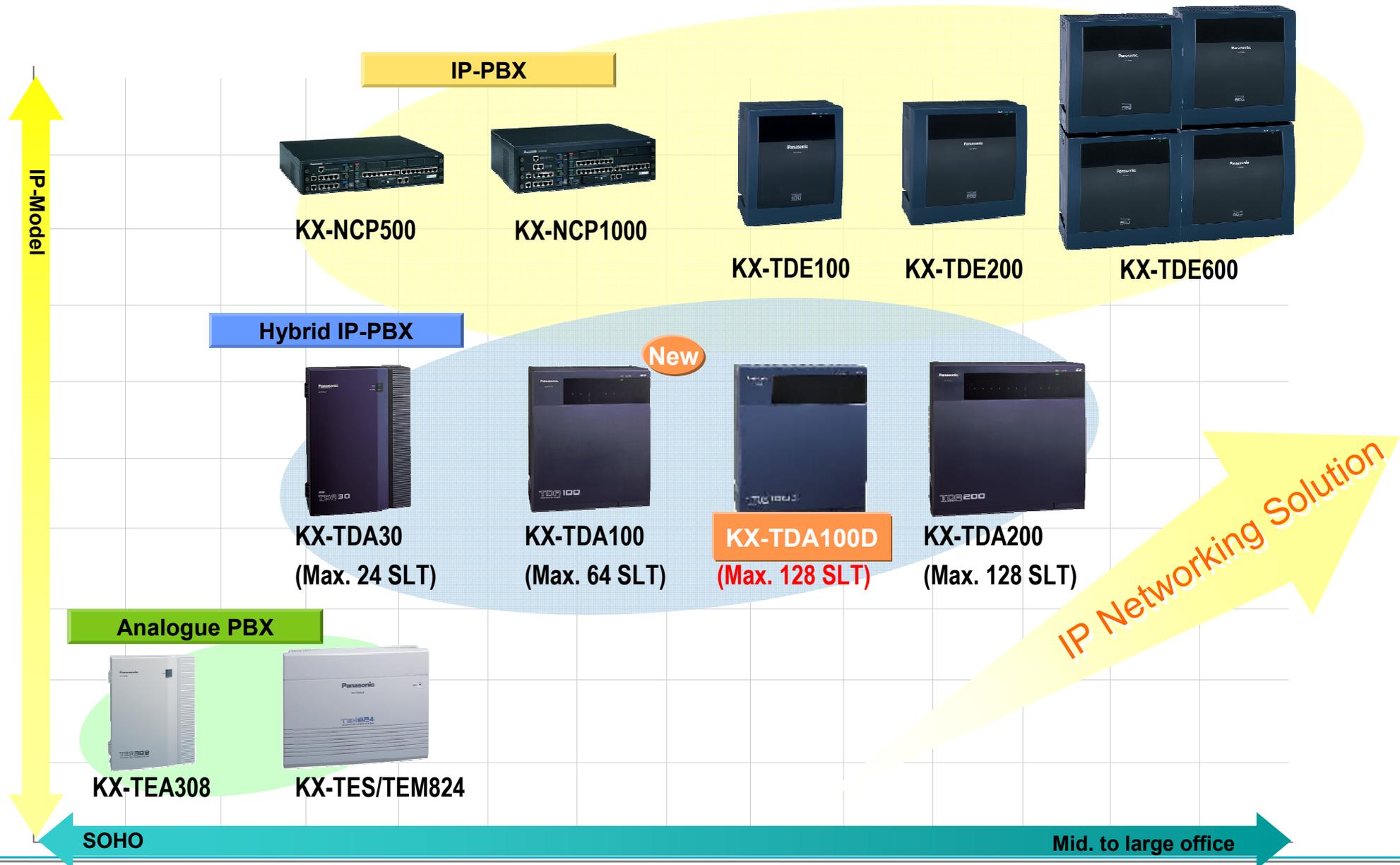
Outline of KX-TDA100D

- 1. PBX Line-up and KX-TDA100D's position**
- 2. Evolution from KX-TDA100**
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1. PBX Line-up and TDA100D's Position

The line-up extends from compact to large - scale systems. New KX-TDA100D is optimized for SLT based office user.

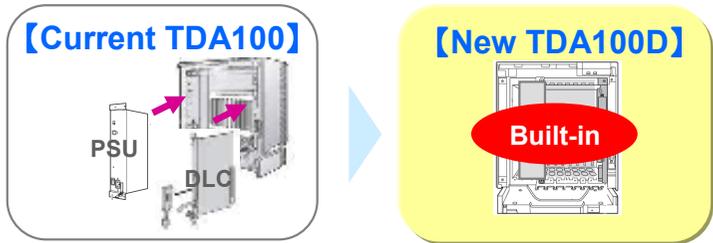


2. Evolution from KX-TDA100

KX-TDA100D is enhanced with these functions compared to existing TDA100 models.

1. Simple Installation

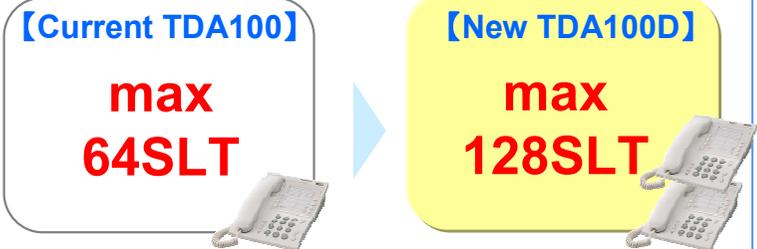
PSU , MEC (Memory Expansion Card) and DLC are Built-in in advance. No need to select PSU and add DLC or MEC.



See details Page 8 - 9

2. Expanded Capacity

It's acceptable to small-mid sized office since it allows to connect up to 128 SLT.



See details Page 10 - 11



3. Four New Efficient Cards

New trunk card and daughter card have built-in Caller ID.

Two new extension cards have built-in Caller ID and Message Waiting Lamp control.

See details Page 12



3. Sales Points

These various features support to enhance business productivity. KX-TDA100D succeeds to the easy operation of the current KX-TDA100 and it is suitable for small-mid sized businesses.

Wireless Solution

With wireless portable station, users can receive calls whether they are at their desks or not , while checking the stock in the warehouse.

See details Page 14 - 21

Cellular Phone Integration

With cellular phone integration, users will be able to receive calls on either their desk phone or cellular phone.

See details Page 22 - 25



Voice Mail Solution

Caller can leave voice mail, whenever you cannot answer the calls. It can be sent to user's PC or smartphone by e-mails.

See details Page 26 - 28

Small Call Centre Solution

Various call distributions, such as Priority Hunting, and automated attendant can provide efficient and prompt telephone operation.

See details Page 29 - 31

VoIP Solution

Versatile modular architecture supports IP convergence, allowing users to migrate to Voice over IP at user's own pace.

See details Page 32 - 34

Note : Fully supports basic PBX Feature such as Door Opener and Paging System. See details Page 35 - 36

Evolution from KX-TDA100

- 1. Simple Installation**
- 2. Expanded Capacity**
- 3. Four New Efficient Cards**



1. Simple Installation

KX-TDA100D has “build-in PSU and new DMPR” which save your time in selecting PSU.

【Current TDA100】

- Select PSU-S or PSU-M
- Add MEC

【New TDA100D】

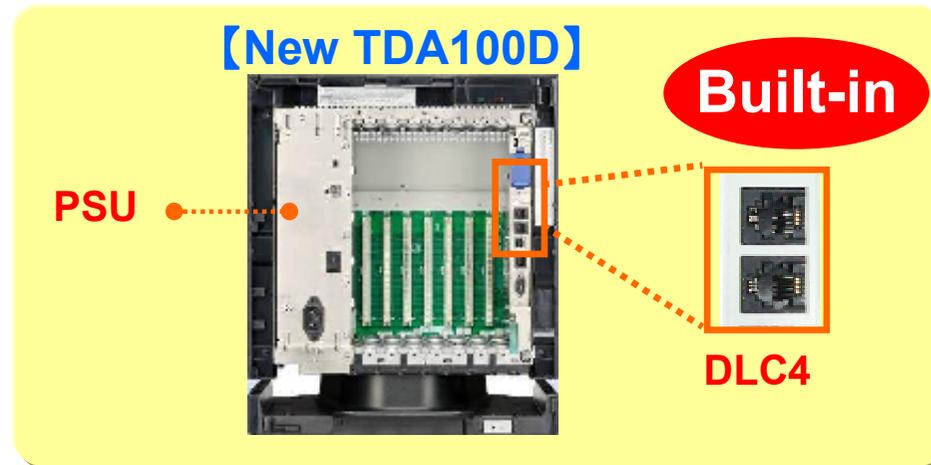
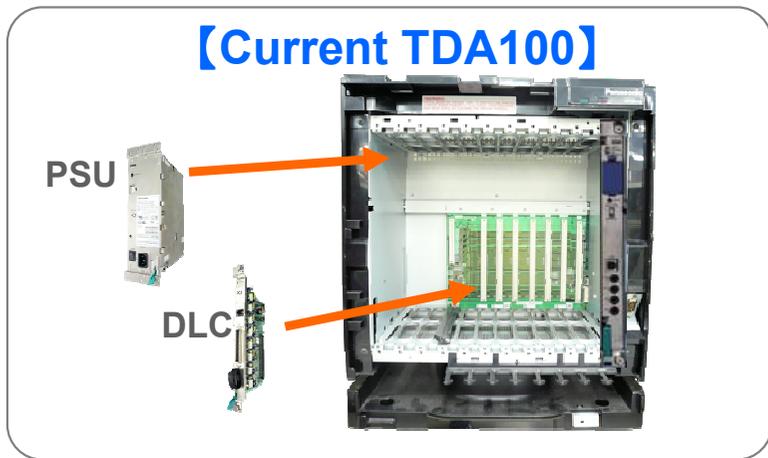
- No need to Select PSU
Build-in PSU covers PSU-M capacity
- No need to Add MEC
Build-in new DMPR covers MEC capacity

Model		KX-TDA100			KX-TDA200			KX-TDA100D
PSU		PSU-S/M	PSU-S	PSU-M	PSU-M/L	PSU-M	PSU-L	New PSU (Built-in)
MEC		without MEC (Max. No. of User is 64)	with MEC		without MEC (Max. No. of User is 64)	with MEC		not necessary MEC
Extension	System Total	64	96	160	128	128	256	176*1
	(SLT)	(64)	(64)	(96)	(128)	(128)		(128)
Trunk	System Total	124(with PRI30 × 2+LCOT16 × 4)			128(with LCOT16 × 8)			126(with PRI30 × 1 +LCOT16 × 6)
SMDR Call Storage		200 calls	4000 calls		200 calls	4000 calls		2500 calls

* Note : In case of PT configuration: Max. 176 extensions with 104 DPT(DXDP) + 48 IP-PT + 24 SLT.

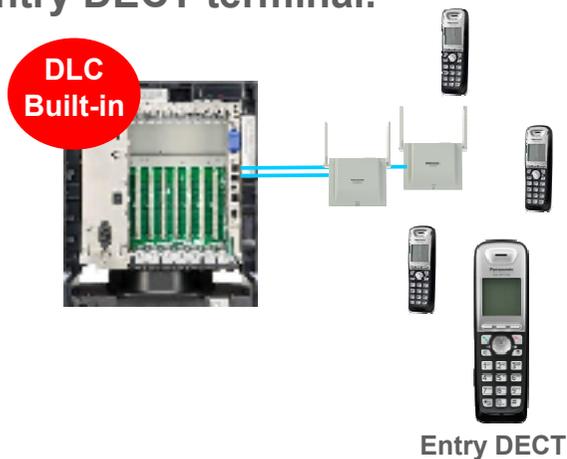
1. Simple Installation

KX-TDA100D also has built-in DLC4 on the MPR which helps not only your selecting time but also proposal to customers because it enables using wireless solutions and DPT reasonably.



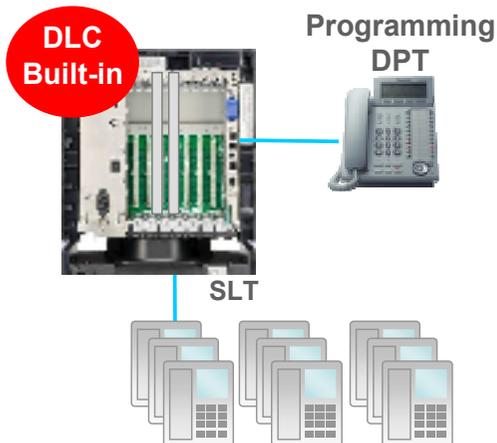
For Wireless System

Provide reasonable wireless system with Built-in DLC and Entry DECT terminal.



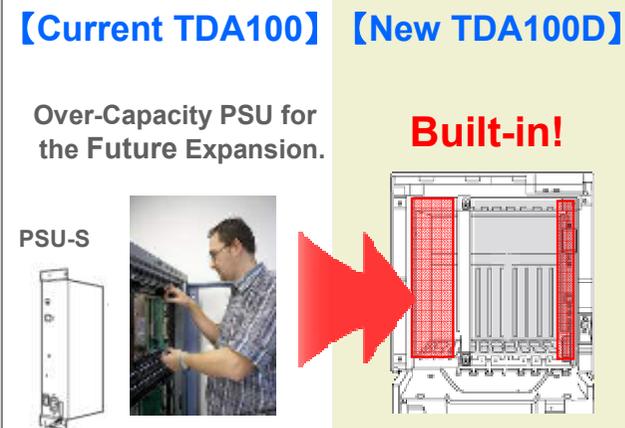
For DPT Programming

Built-in DLC4 can be used for DPT programming without additional DLC.



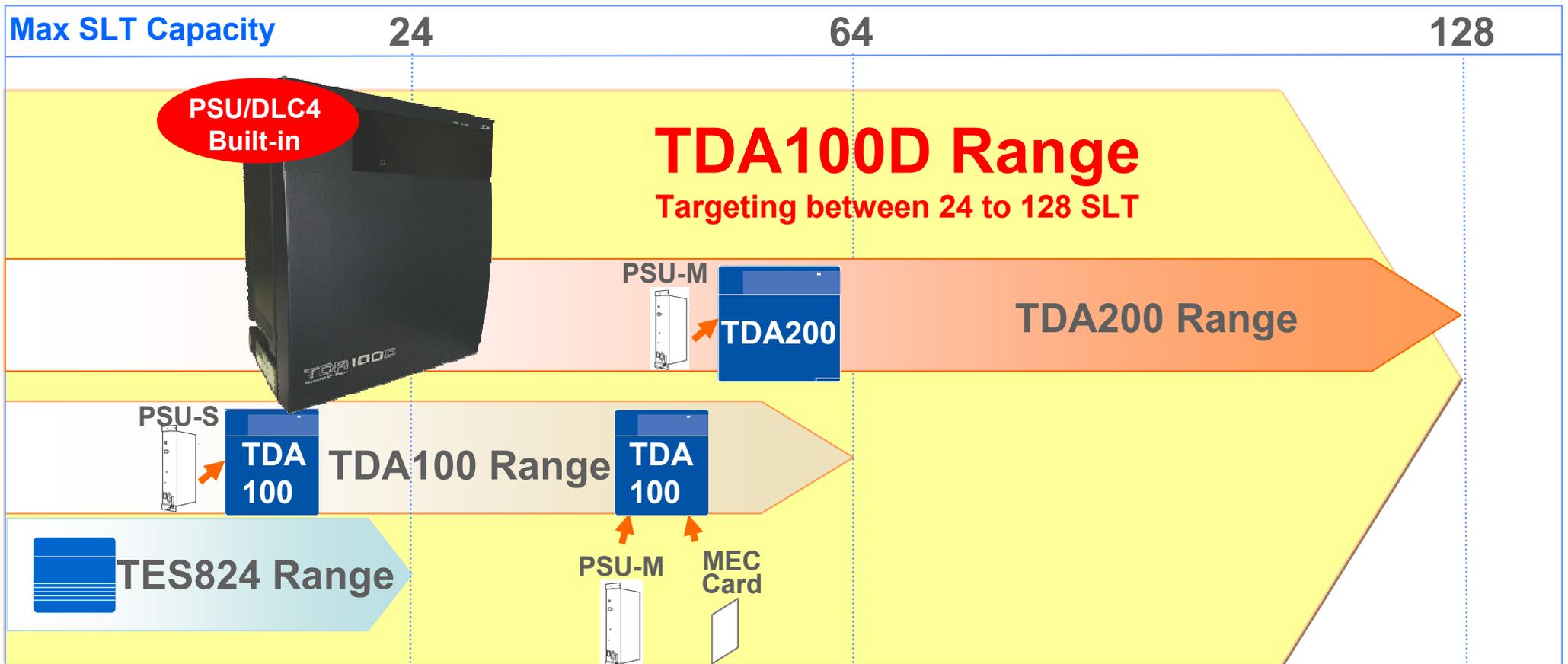
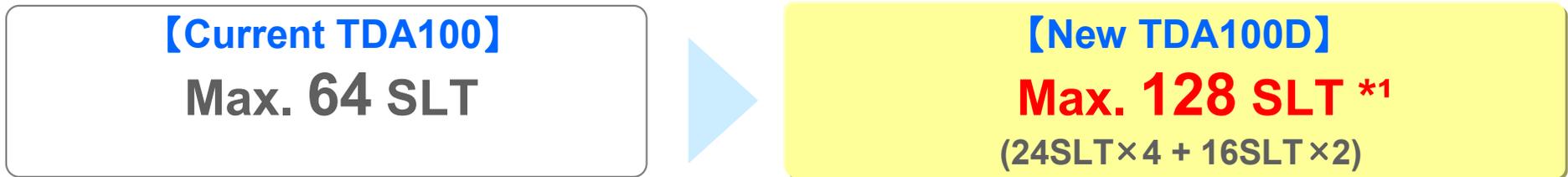
For Future expansion

No need for PSU type selection. Built-in New PSU enables future expansion.



2. Expanded Capacity

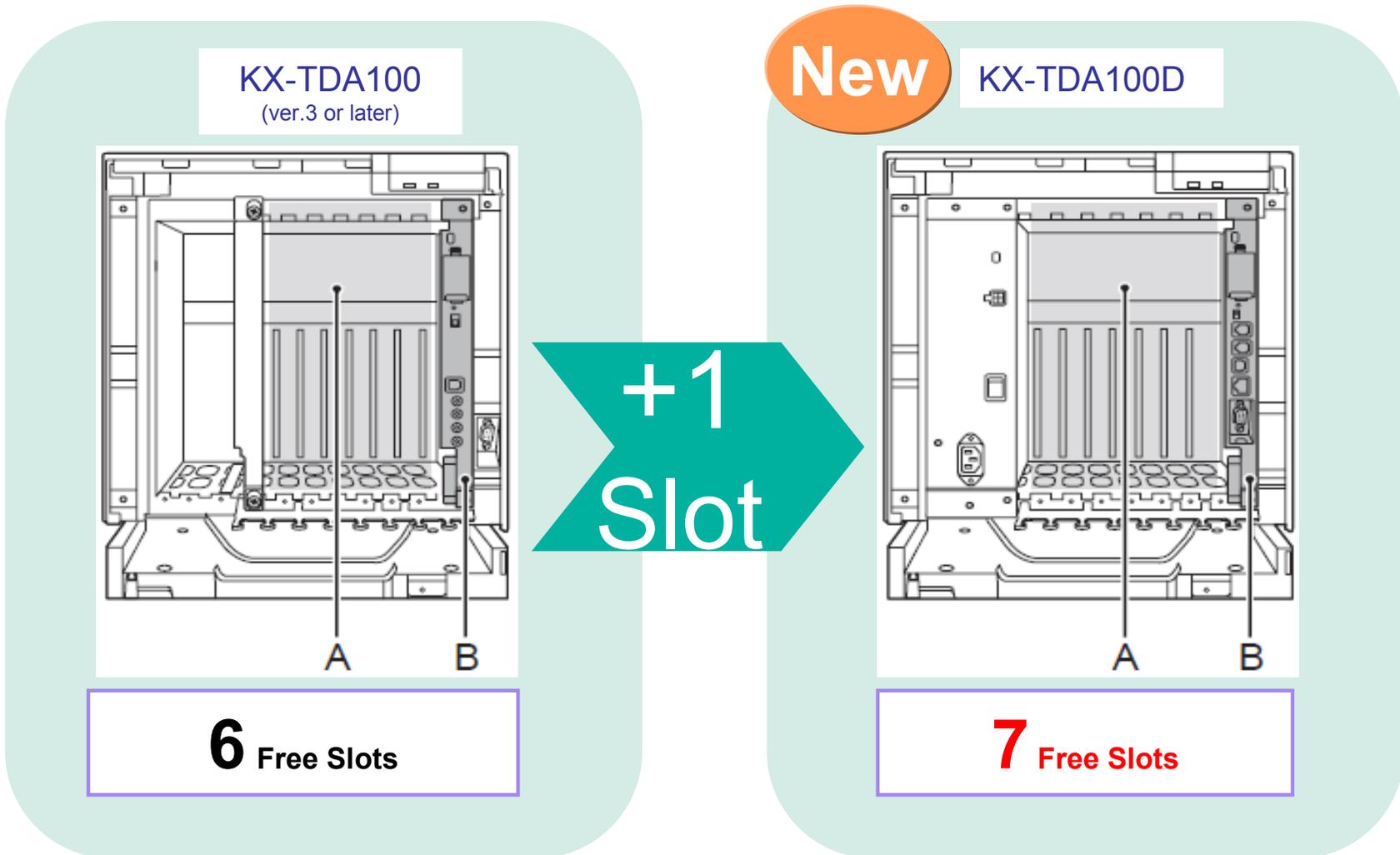
KX-TDA100D can be proposed from SOHO to large - scale office by connecting Max. 128 SLT extensions.



* Note 1 : Built-in DLC is unavailable in case of connecting 128SLT.

2. Expanded Capacity

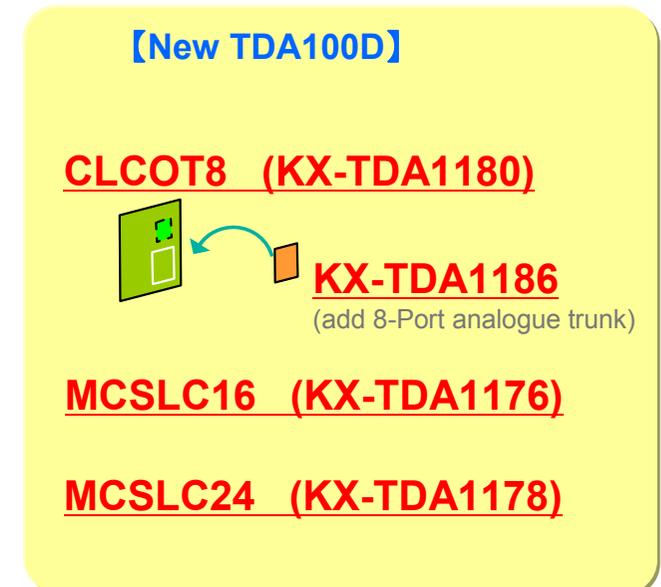
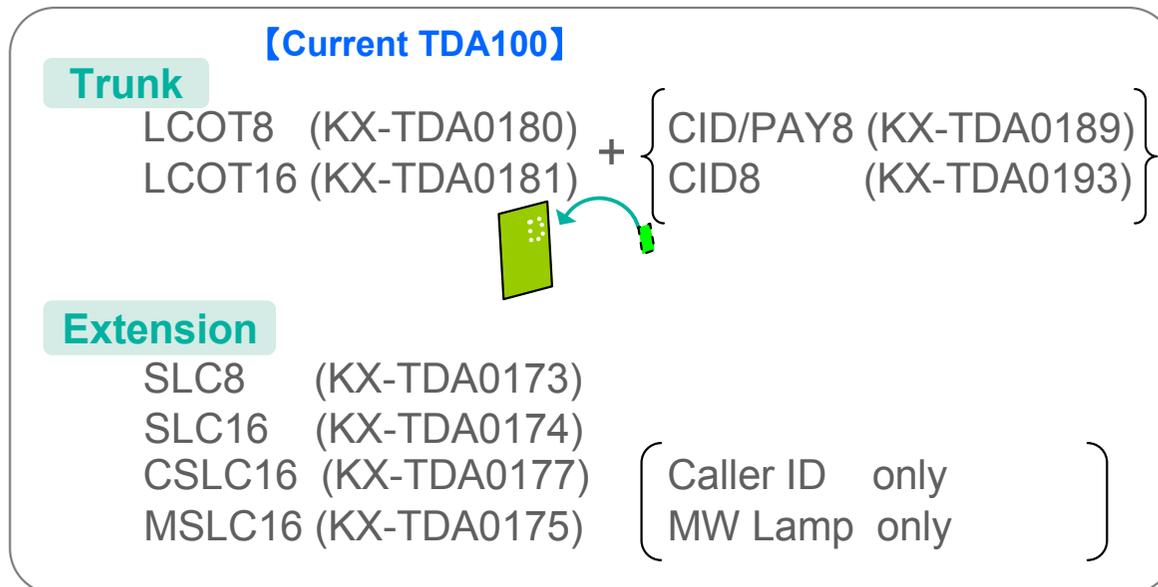
New KX-TDA100D provides 7 Free Slots: 1 free slot is added compared to current KX-TDA100.



3. Four New Efficient Cards -build-in Caller ID and MW Lamp function

The following cards enable to save your time and reduce troublesome selection of cards regarding Caller ID and Message Waiting Lamp while it also enables to expand the capacity.

	Model	Description
Trunk Cards	KX-TDA1180	8-Port Analogue Trunk Card with CID (CLCOT8)
	KX-TDA1186 (daughter card)	8-Port Analogue Trunk with Caller ID daughter Card (CLCOT8E)
Extension Cards	KX-TDA1176	16-Port Single Line Telephone Card with Caller ID & MW Lamp control (MCSLC16)
	KX-TDA1178	24-Port Single Line Telephone Card with Caller ID & MW Lamp control (MCSLC24)



Sales Points

- 1. Wireless Solution**
- 2. Cellular Phone Integration**
- 3. Voice Mail Solution**
- 4. Small Call Centre Solution**
- 5. VoIP Solution**
- 6. System Function**

1. Wireless Solution -Multi Zone-

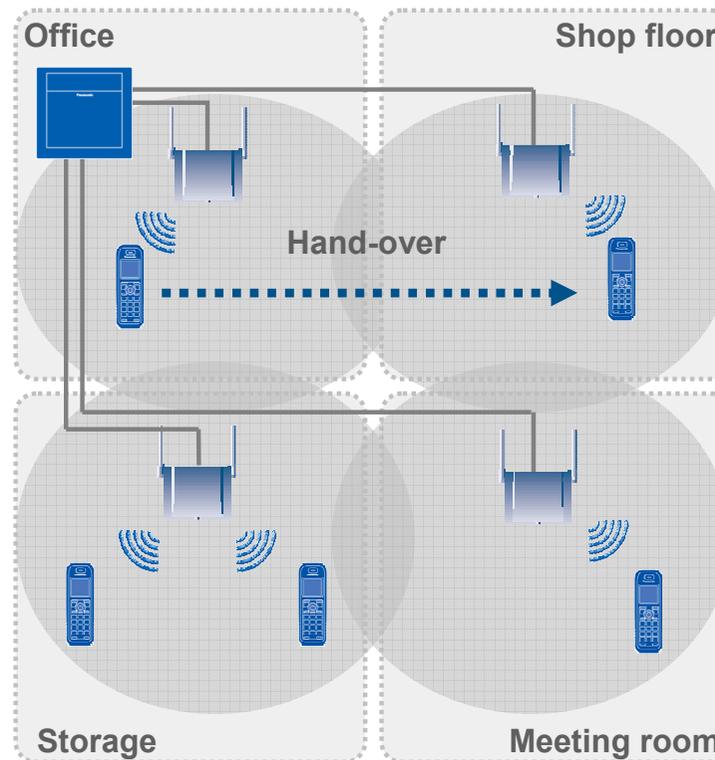
Smooth automatic hand-over between installed cell stations expands coverage to ensure consistent coverage and true communication mobility even in large workspaces.

Features and Benefits

- ▶ On-site employees: efficient because it is not necessary to return to the office to make a call.
- ▶ Call receptionists: less trouble because the person to transfer the call can be reached anywhere.
- ▶ Customers: improved CS because there is less time spent waiting for calls to be transferred.

Suitable Environments

- ▶ Frequent moving about inside the company



Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Hotels
- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Care facilities, Hospitals
- ▶ Restaurants, Maintenance industry, Casino, Leisure Facilities (Service industry)
- ▶ Concert halls, Event halls
- ▶ Factories, Warehouses, Industrial complexes
- ▶ Journalism, TV stations, Editing (Mass media/Press related)

1. Wireless Solution -Telephone Wiring Work Unnecessary-

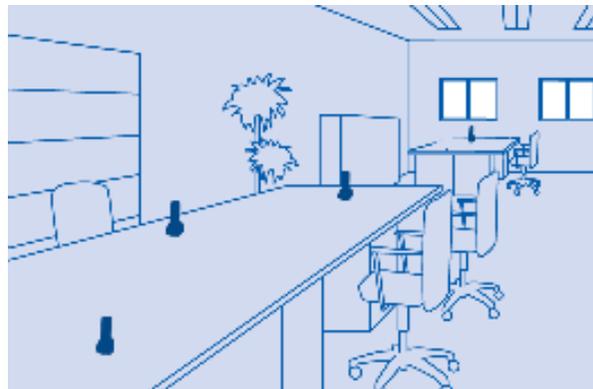
Since terminal is wireless, it is not necessary to wire each device.

Features and Benefits

- ▶ Layout changes can be made freely because no phone wiring is required
- ▶ Phones can be used even during construction work for layout changes
- ▶ No telephone wiring costs incurred when adding wireless solution devices
(Enables costs to be reduced by the cost of wiring one phone x number of terminals)



Layout Free



Suitable Environments

- ▶ Companies with many organizational changes
- ▶ Companies with high employee turnover
- ▶ Layout-free offices

Suitable Type of business

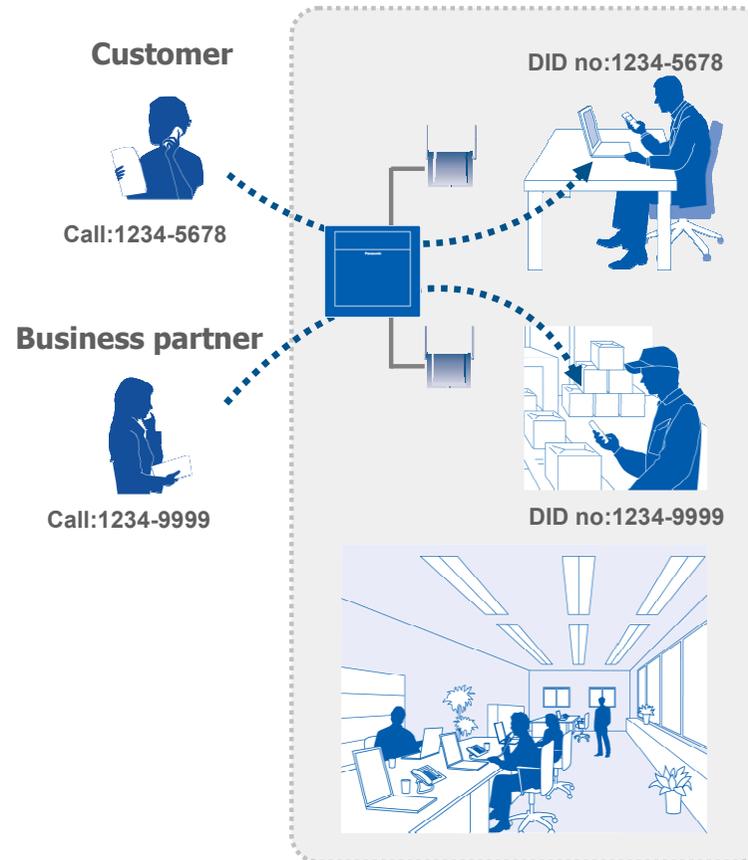
- ▶ Regular corporations/SOHO
- ▶ Schools
- ▶ Concert halls, Event halls
- ▶ Factories, Warehouses , Industrial complexes

1. Wireless Solution -Direct In Dial-

Calls from customers can be directly received with the portable stations without having to manually transfer them.

Features and Benefits

- ▶ A dedicated call receptionist is not required because received calls are directly transferred to the relevant person.
- ▶ Improved CS because customers do not have to wait for calls to be manually transferred.
- ▶ Privacy is protected because customer calls are directly transferred to the relevant person without going through a third party.



Suitable Environments

- ▶ Dedicated employee currently stationed for receiving phone calls
- ▶ Employees are often away from their desks

Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Hotels
- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Care facilities, Hospitals
- ▶ Factories, Warehouses , Industrial complexes
- ▶ Journalism, TV stations, Editing (Mass media/Press related)
- ▶ Tour guides/Travel Agency

1. Wireless Solution -Wireless-XDP-

Both a digital proprietary phone on the user's desk and wireless portable station can be called simultaneously using a single extension number.

Calls can be switched between desk phones and wireless portable station with a simple operation (patented internationally).

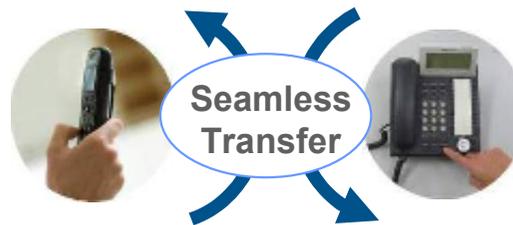
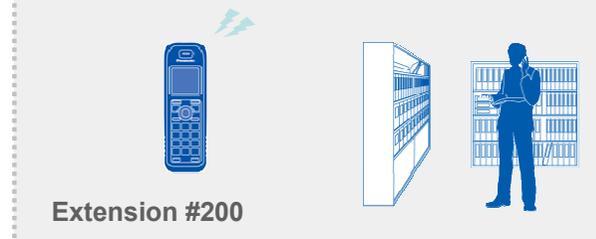
Features and Benefits

- ▶ Complicated button operations not required
- ▶ Calls can be made with anyone using either a desk phone or wireless portable station, so business chances are not missed even if user is away from his seat.

Suitable Environments

- ▶ Employees often going back and forth from their desk to make calls
- ▶ For executive rooms and reception corners

Wherever user goes in the office



On user's desk



Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Secretarial work
- ▶ Reception
- ▶ Care facilities, Hospitals
- ▶ Car dealers
- ▶ Regular households
- ▶ Journalism, TV stations, Editing (Mass media/Press related)

1. Wireless Solution -Repeater-

The call zone can be expanded without wiring extra cell stations to the PBX unit.

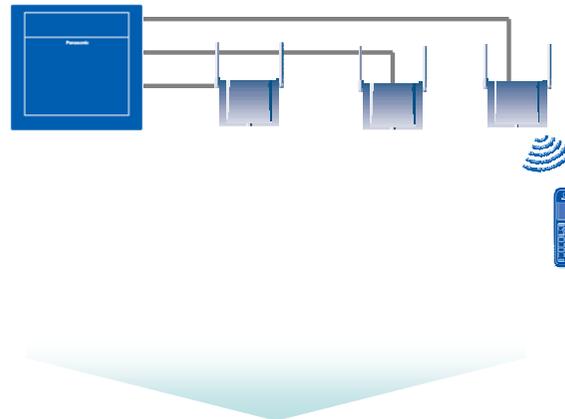
Features and Benefits

- ▶ The call zone can be expanded as long as power is available
- ▶ Call zone expansion can be enabled at a low cost because it is not necessary to wire extra cell stations to the PBX

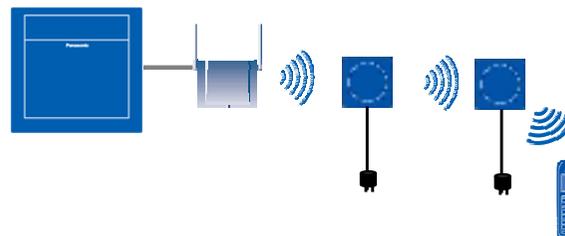
Suitable Environments

- ▶ Locations with low call traffic
- ▶ Locations where it is difficult to wire to the PBX
- ▶ Locations where it is difficult to install a cell station

Cell Station



Repeater



Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Hotels
- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Schools
- ▶ Regular households
- ▶ Concert halls, Event halls
- ▶ Factories, Warehouses , Industrial complexes

1. Wireless Solution -Tough Type Model-

Dust resistance and water resistance for use in locations with high amounts of dust and humidity (IP64 Compliant)

Tough type Model KX-TCA364

Features and Benefits

- ▶ In humid or dusty environments, repair costs can be reduced compared to non-resistant models
- ▶ Dust resistance
IP6X : Dust Resistance, no invading of dust.
- ▶ Water resistance
IPX4 : Water Resistance protection against splash water.

Suitable Environments

- ▶ Environments with warehouses and garages
- ▶ Locations near kitchens, baths, etc.



Suitable Type of business

- ▶ Trading companies
- ▶ Hotels
- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Care facilities, Hospitals
- ▶ Schools
- ▶ Restaurants, Maintenance industry, Casino, Leisure Facilities (Service industry)
- ▶ Regular households
- ▶ Concert halls, Event halls
- ▶ Factories, Warehouses , Industrial complexes
- ▶ Railway, home delivery centers (Transport/Shipping industry)

*Note : This model will be available to limited region.

[See Line-up Page 39](#)

1. Wireless Solution -Noise canceling*-

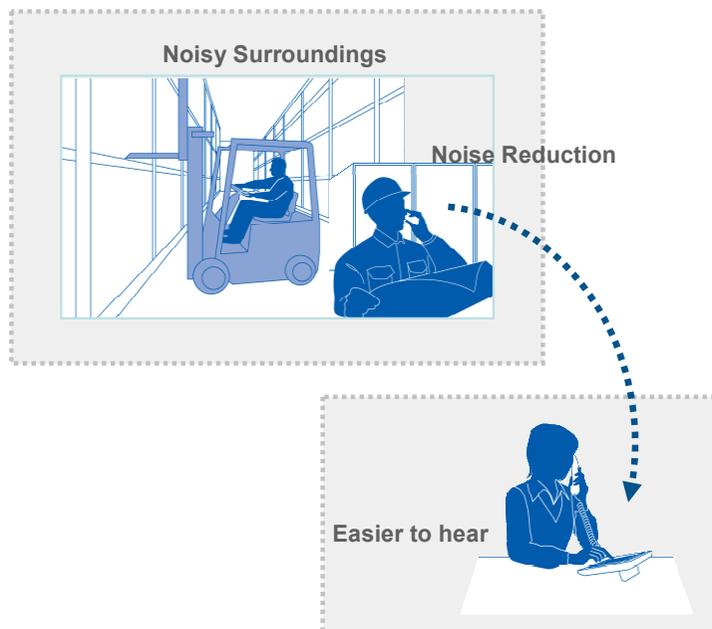
When user is in a noisy environment, the noise can be reduced to make it easier for the other party to hear.

Features and Benefits

- ▶ Easy to hear calls even in noisy environments

Suitable Environments

- ▶ Workplaces with noisy surroundings, such as car workshops, restaurants, and casinos, etc.
- ▶ Noisy offices that are close to construction sites, roads, railways, or airports, etc.



Suitable Type of business

- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Restaurants, Maintenance industry, Casino, Leisure Facilities (Service industry)
- ▶ Concert halls, Event halls
- ▶ Factories, Warehouses, Industrial complexes
- ▶ Railway, home delivery centers (Transport/Shipping industry)



Noisy Environments

*Note : Noise canceling is called “Noisy Area Mode” by KX-TCA175/275/364 and also called “Noise Reduction” by KX-WT115.

1. Wireless Solution -Hands Free-

Hands-free calls can be made by connecting a headset to the headset jack of a wireless Portable Station.

Features and Benefits

- ▶ Both hands can be used when talking on the phone because the portable station does not need to be held
- ▶ Less strain on necks and arms because the portable station does not need to be held
- ▶ Calls can be made without using the user's hands, but the other party's voice cannot be heard by those around him, as with a speaker phone

Suitable Environments

- ▶ Workplaces where employees do work while talking on the phone



Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Hotels
- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Care facilities, Hospitals
- ▶ Restaurants, Maintenance industry, Casino, Leisure Facilities (Service industry)
- ▶ Concert halls, Event halls
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- ▶ Journalism, TV stations, Editing (Mass media/Press related)

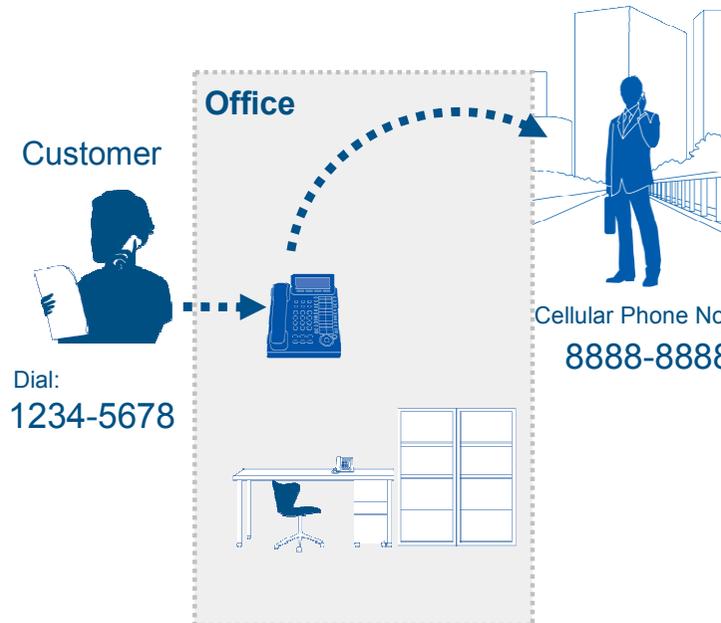
2. Cellular Phone Integration -One Number Solution (incoming)-

DID (Direct Inward Dialing) can be utilized to link extensions with cellular phones.

Customers can easily contact the user using a single number, whether the user is inside or outside of the company.

Features and Benefits

- ▶ Customer calls made to the office can be received on a cellular phone even if user is outside of the office. Business chances expand because of the increased rate of receiving customer calls
- ▶ Calls can be made using the (DID) phone number of the company, rather than a personal cellular phone number. Customers can continue to use the same number, even if the person in charge changes
- ▶ Less work for people transferring phone calls because calls are automatically transferred



Suitable Environments

- ▶ Many employees telecommuting or working outside of the office
- ▶ Frequent employee turnover
- ▶ Close relationships with customers

Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Railway, home delivery centers (Transport/Shipping industry)
- ▶ Journalism, TV stations, Editing (Mass media/Press related)
- ▶ Tour guides/Travel Agency



2. Cellular Phone Integration -One Number Solution (outgoing)-

By routing cellular phone usage through a PBX, call costs made by employees outside the office can be managed in the company.

Features and Benefits

- ▶ Usage status for the cost of cellular phones can be centrally managed
- ▶ Since the history of customer calls is retained, user can know the customers' phone numbers, and can smoothly support customers even if the person in charge leaves the company.



CA Call Accounting

KX-TDA100D cannot notify DID numbers as CLIP, when cellular user makes call through PBX DISA.

Suitable Environments

- ▶ Workplaces with many telecommuters and employees that go directly home from outside of the office
- ▶ Companies that want to centrally manage costs

Suitable Type of business

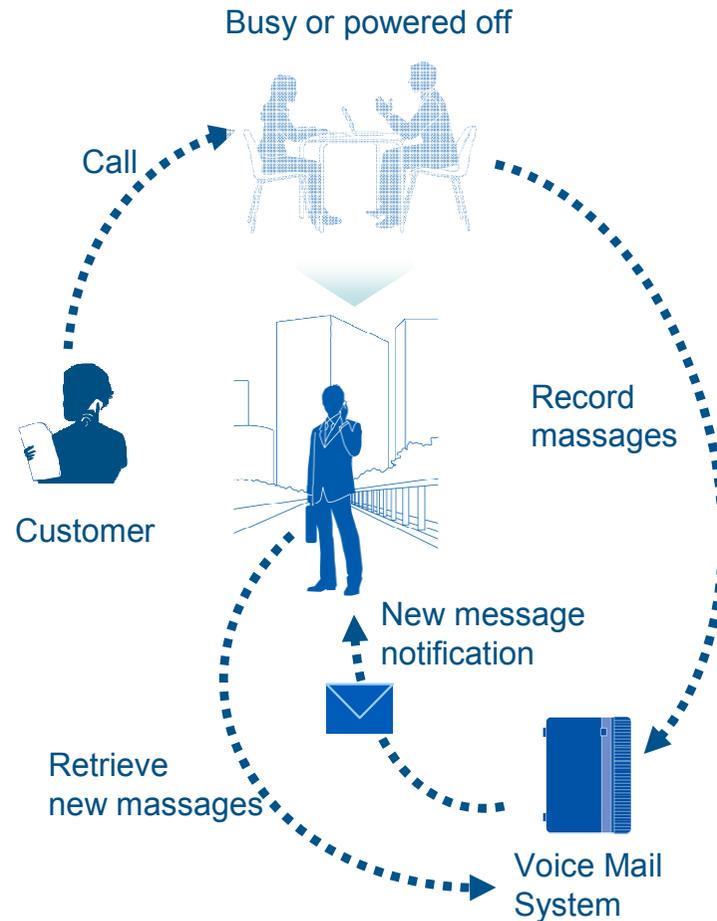
- ▶ Regular corporations/SOHO
- ▶ Railway, home delivery centers (Transport/Shipping industry)
- ▶ Journalism, TV stations, Editing (Mass media/Press related)
- ▶ Tour guides/Travel Agency

2. Cellular Phone Integration -Voice Mail Linking-

Voice mail can automatically respond to customer calls that couldn't be transferred to a cellular phone, because of a busy line or the phone being powered off.

Features and Benefits

- ▶ Employees that cannot answer a call with their cellular phone when they are out of the office can check their voice mail later
- ▶ Since the voice mail can also be forwarded via e-mail, it can be checked using a cellular phone or computer when outside of the office or at home
- ▶ Voice mail can be centrally organized at the company (or trouble saved by sometimes using the answering machine function of the cellular phones and sometimes using the company VM)
- ▶ When a customer calls the person in charge but that person cannot answer, the customer can still convey what they want via phone. (It is not necessary to call again or leave an e-mail each time)



Suitable Environments

- ▶ Many subtle nuances that cannot be conveyed via e-mail
- ▶ Not continuously at their seats because of hard work

Suitable Type of business

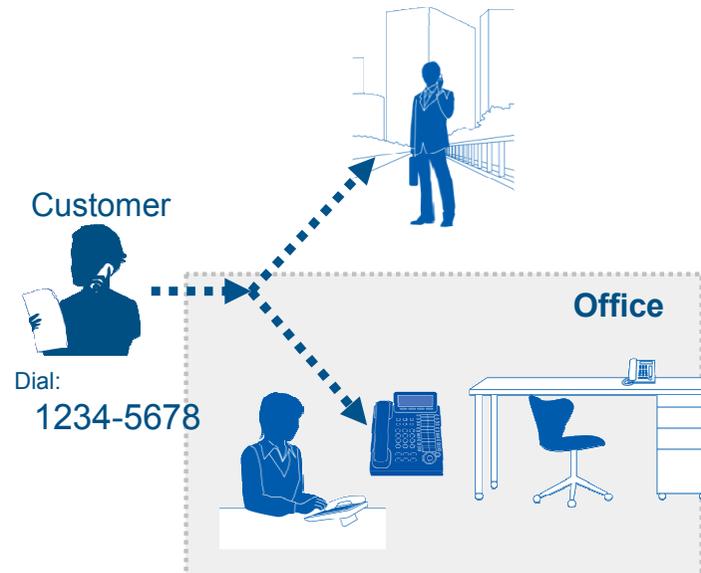
- ▶ Regular corporations/SOHO
- ▶ Hotels
- ▶ Regular households
- ▶ Railway, home delivery centers (Transport/Shipping industry)
- ▶ Journalism, TV stations, Editing (Mass media/Press related)
- ▶ Tour guides/Travel Agency

2. Cellular Phone Integration -Simultaneous Ringing-

Calls made to the company can be received whether the user is outside or inside the company by using both extensions and cellular phones.

Features and Benefits

- ▶ When a customer calls, both extensions and a registered cellular phone can be made to ring, enabling the call to be received with either phone.
- ▶ Max 4 cellular phones can be registered into an ICD group with other wired extensions.

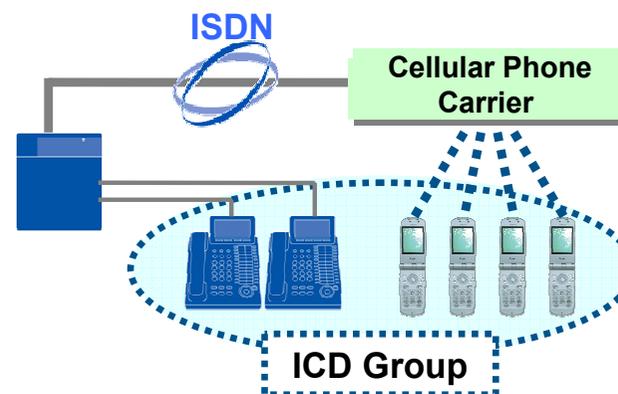


Suitable Environments

- ▶ Companies with not many people available to answer the phone
- ▶ Many employees working outside of the office

Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Secretarial work



*Note : Max. 128 ICD groups are available.
KX-TDA0920/TDA3920 SD Memory Card is required.
Feature is not available with Analogue CO.

3.Voice Mail Solution

Incoming Calls can be recorded any time of day or night, even when the office is closed, so user doesn't lose his business opportunities.

Features and Benefits

- User can forward his calls to a Voice Mail System and let calling parties leave messages in his mailbox when he is unable to receive calls.

Thank you for calling. I'm sorry I can't answer your call right now. Please leave your name and message. Thank you.



Suitable Environments

- Companies with not many people available to answer the phone.
- Companies which get calls out of business hours.

Suitable Type of business

- Regular corporations/SOHO
- Trading companies
- Tour guides/Travel Agency

Voice Mail System Specification	Enhanced Simple Voice Mail		External Solution	
	KX-TDA0192	KX-TDA0194	KX-TVM50	KX-TVM200
Number of Ports	2	4	2 to 6	0 to 24
Voice Storage	Max : 2hours	Max : 2hours	Max : 8hours	Max : 1000hours
Number of Mailboxes	N/A	N/A	Max : 64	Max : 1024
Number of Messages	250	2X250	Unlimited	Unlimited
E-mail integration	N/A	N/A	Yes	Yes

3.Voice Mail Solution

Voice Mail Systems deliver a new level of communication with ease and efficiency that can help businesses to be more productive.

Features and Benefits

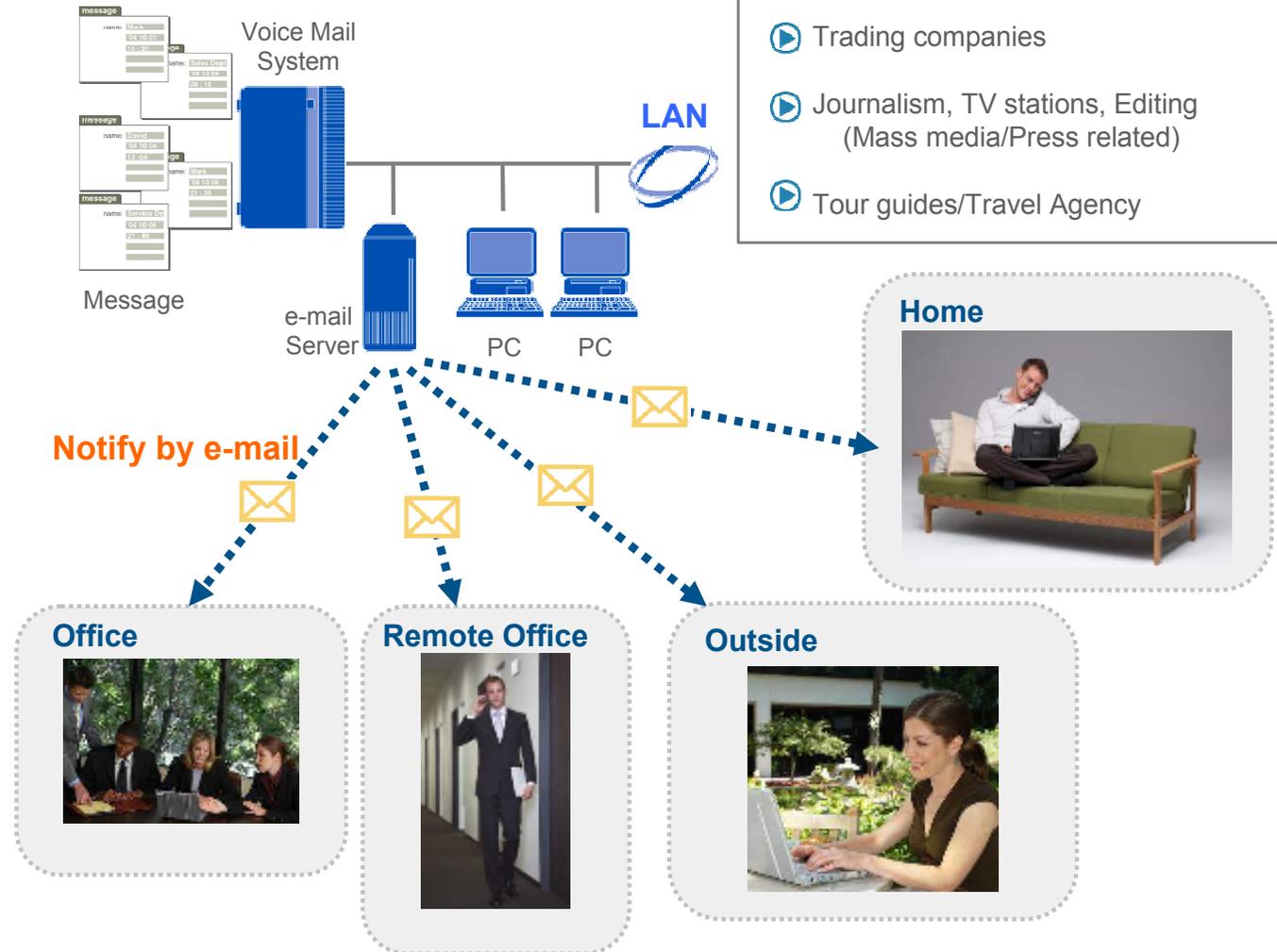
- ▶ Voice Mail System notifies by e-mail when a new message is received.
- ▶ User can log in to his mailbox remotely and listen to his messages and he can also easily forward them by e-mail to other parties.

Suitable Environments

- ▶ Companies which get calls out of business hours.
- ▶ Employees who work away from the phone or out of the office.

Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Trading companies
- ▶ Journalism, TV stations, Editing (Mass media/Press related)
- ▶ Tour guides/Travel Agency

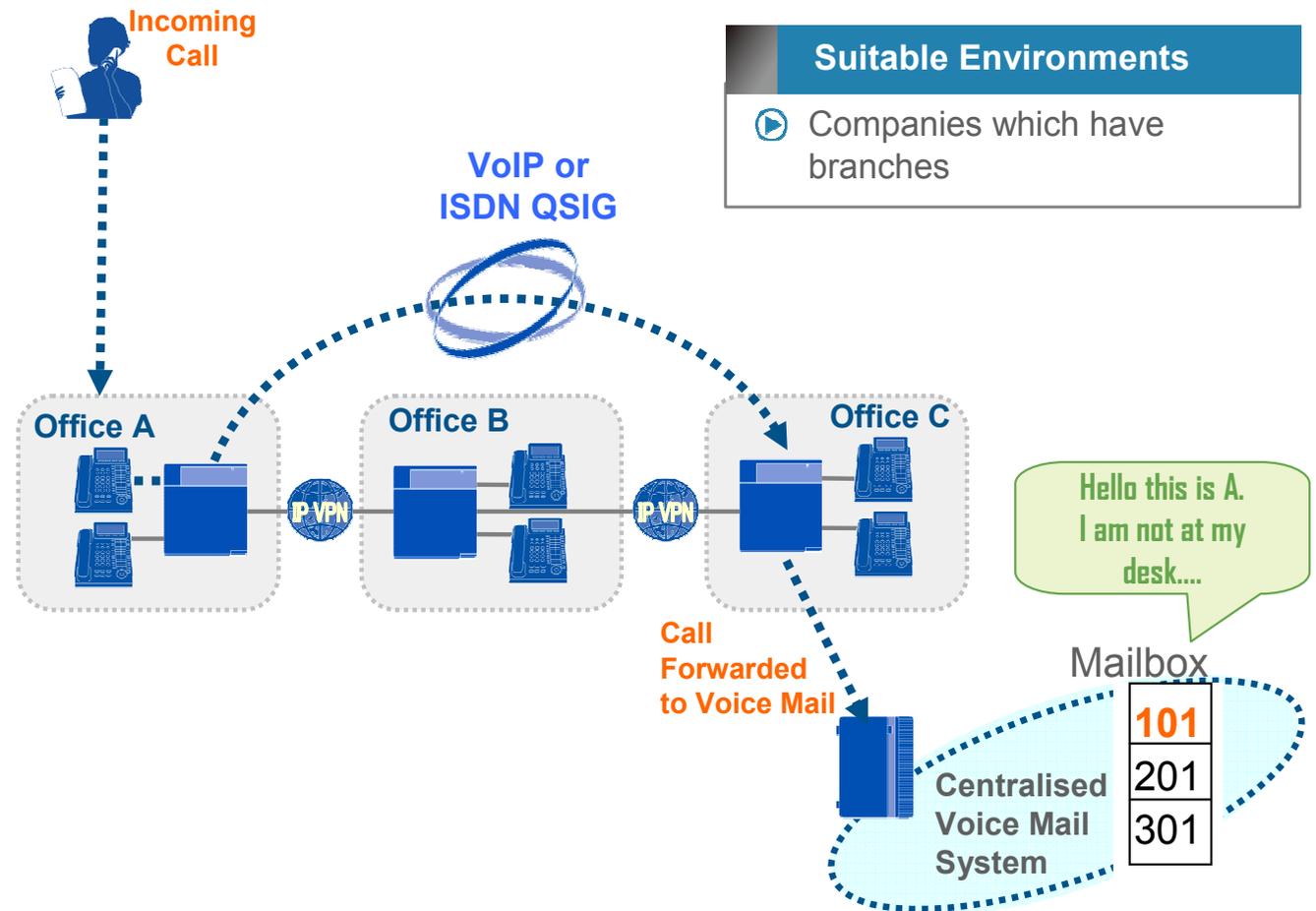


3.Voice Mail Solution

Two or more networked TDA PBX systems can economically share a single Voice Mail system.

Features and Benefits	
▶	Voice mail resource can be shared across the network.
▶	Extension users can forward calls to voice mail system and access messages using Voice Mail access codes.
▶	Calls between separate offices can be forwarded to voice mail as easily as if they were being made in the same office.

Suitable Environments	
▶	Companies which have branches



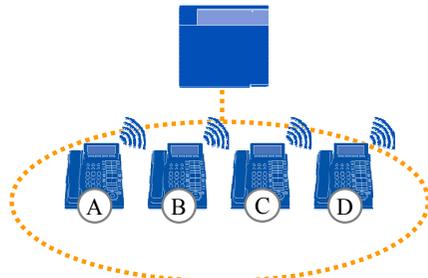
4.Small Call Centre Solution -Call Distribution-

The KX-TDA100D provides a variety of call distribution options. When a call comes in to a busy line or an unattended phone, the system can distribute it to another extension, a voice mail system, a home or mobile telephone, or other pre-programmed destinations.

Call Distribution Examples

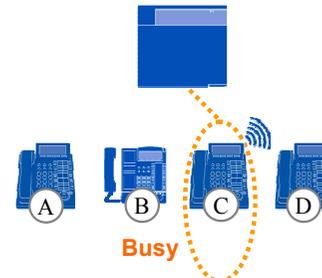
Programmed Order: A⇒B⇒C⇒D (except Case 1)

1. Ring all extensions



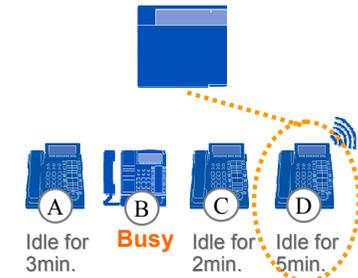
Ring **all** extensions

2. UCD (Uniform Call Distribution)



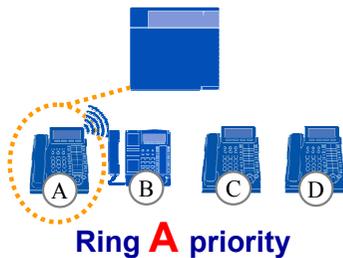
Ring the extension of the **next** in order

3. ACD (Automatic Call Distribution)

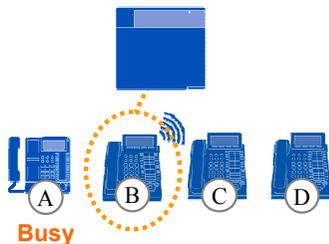


Ring the extension of the **longest idle**

4. Priority Hunting

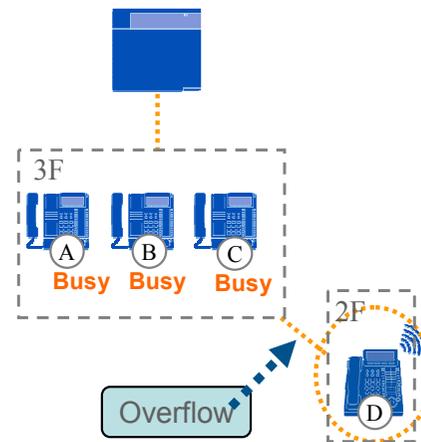


Ring **A** priority



Only In case of A is busy,
ring the extension of the **next** in order

5. Overflow extension



Ring the Overflow **extension**,
if all extensions in the group are busy

Suitable Environments

- Companies which want to make efficient call operation without installation of a special and expensive call centre system

4.Small Call Centre Solution -Agent Features-

The KX-TDA100D has many Agent features that increase Small Call Centre functionality. A Small Call Centre environment can be set-up with no additional software needed.

Agent Features examples

1. Hot Desking

The concept where an agent can log-in to any unused desk phone with a pre-programmed ID number, and that phone takes on their settings.

2. Log-in / Log-out

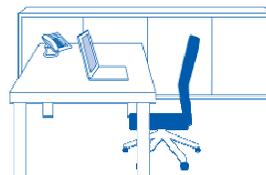
Allows agents to log into a ring group with an ID number. All calls received by the agent are displayed on the report until the agent has logged-out.

3. Wrap up time

On completion of a call, Wrap-up time is activated to give the agent a short pre-programmed time before they can receive a new call.

Suitable Environments

- ▶ Call operators who don't have their own phones but share according to their working schedule.



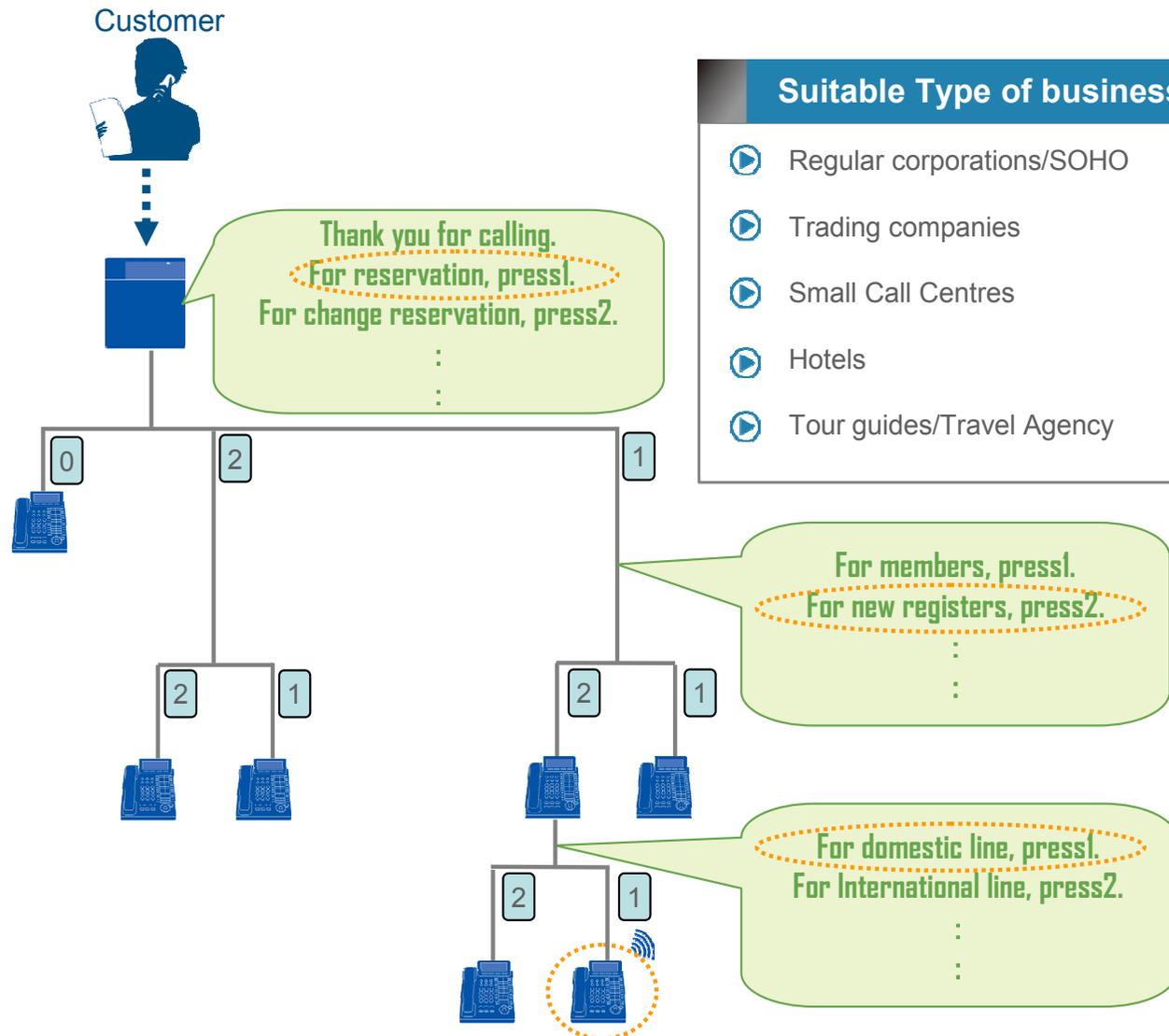
4.Small Call Centre Solution -DISA-

With DISA/Auto Attendant (AA), callers can reach the intended party without going through an operator. These functions allow small companies to provide the same level of service as a large corporation.

Features and Benefits	
▶	These features provide users with greater flexibility and increase staff productivity.
▶	Incoming call distribution queue.
▶	Timed reminder messages
▶	Advanced automated attendant (VPS)

Suitable Environments	
▶	Companies which have various departments.
▶	Companies which get specific calls which need to be answered by the person in charge.

Suitable Type of business	
▶	Regular corporations/SOHO
▶	Trading companies
▶	Small Call Centres
▶	Hotels
▶	Tour guides/Travel Agency

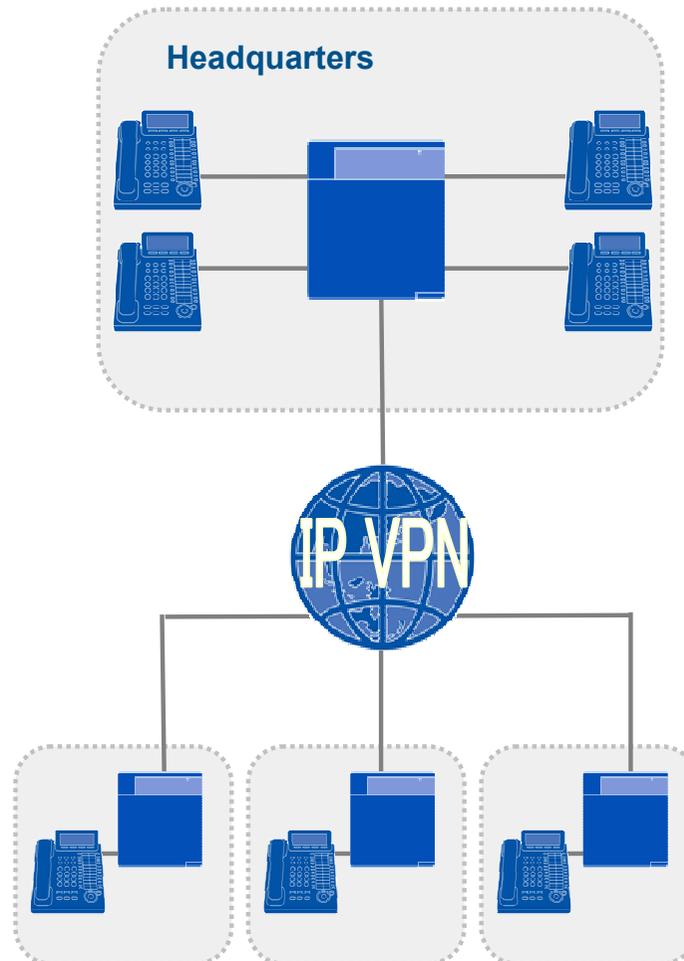


5.VoIP Solution

Using IP Private Line (VPN) will help to lower communication costs between the head office and a branch office.

Features and Benefits

- ▶ If user use a leased line for the IP network, VoIP allows him to talk to remote offices anywhere in the world for no additional charge.
- ▶ VoIP also allows simultaneous voice and data transmission.



Suitable Environments

- ▶ Companies which have branches.
- ▶ Companies using IP network system.

Suitable Type of business

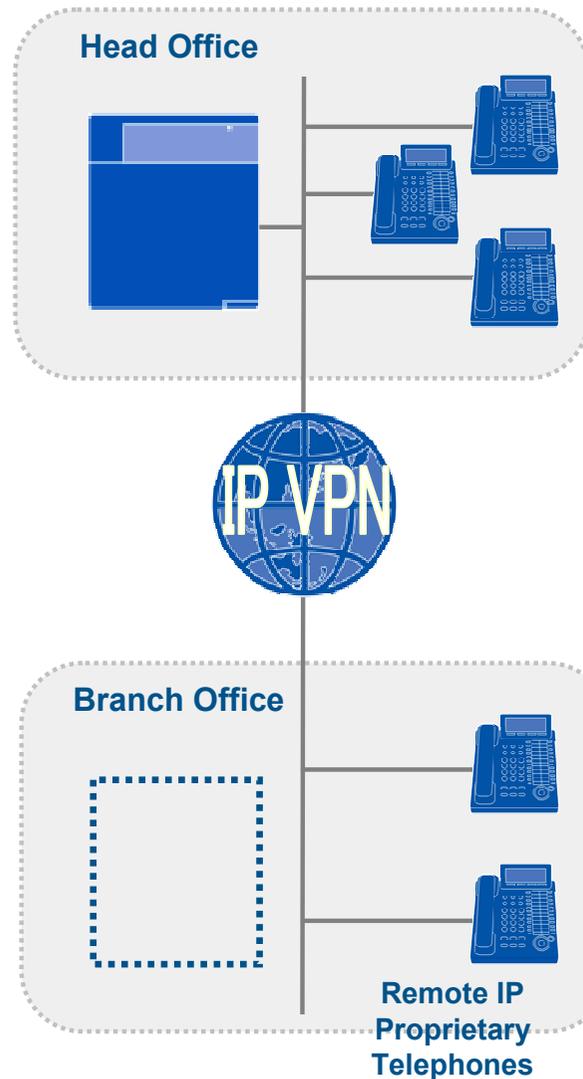
- ▶ Regular corporations/SOHO
- ▶ Trading companies
- ▶ Hotels
- ▶ Journalism, TV stations, Editing (Mass media/Press related)
- ▶ Tour guides/Travel Agency

5.VoIP Solution

It also reduces installation costs because installing the KX-TDA100D in the headquarters and remote IP Proprietary Telephones in the branch office eliminates the need for one in the branch office.

Features and Benefits

- ▶ No need to install the KX-TDA100D's base unit in the branch office, if one is installed in the head office.



Suitable Environments

- ▶ Companies which have branches all over the world.

Suitable Type of business

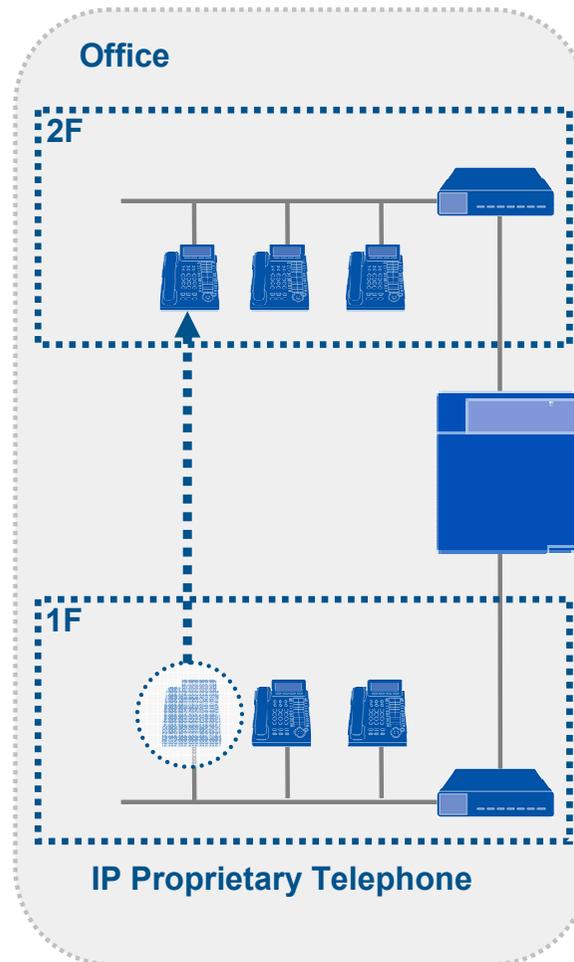
- ▶ Regular corporations/SOHO
- ▶ Trading companies
- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Restaurants, Maintenance industry, Casino, Leisure Facilities (Service industry)
- ▶ Factories, Warehouses, Industrial complexes
- ▶ Railway, home delivery centers (Transport/Shipping industry)
- ▶ Journalism, TV stations, Editing (Mass media/Press related)
- ▶ Tour guides/Travel Agency

5.VoIP Solution

By using IP phones as extensions, there is no need to change the settings at the PBX each time the office layout is changed, as is normally required. Simply move the phone, and then connect it to the LAN for quick and easy use.

Features and Benefits

- ▶ No need to change the PBX setting when the phone is moved to another place.



Suitable Environments

- ▶ Companies with a need to change the office layout sometimes.
- ▶ Companies which have LAN network system.

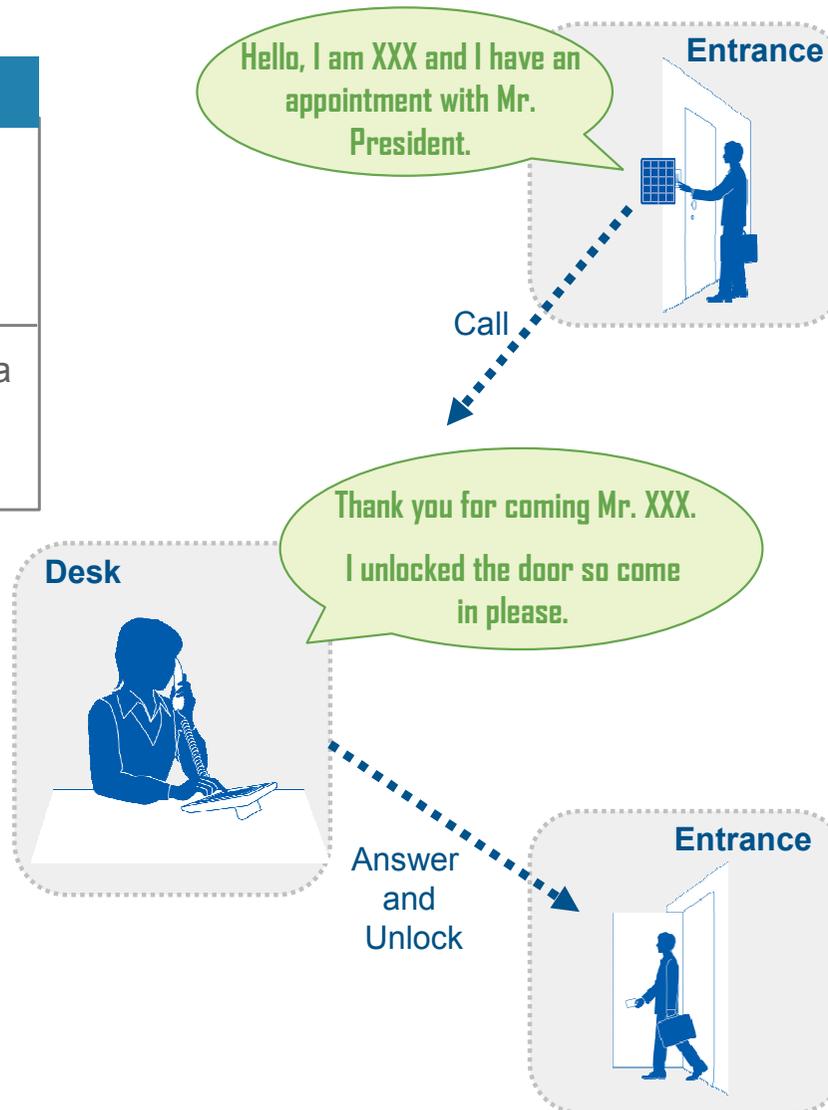


6. System Function -Doorphone / Door Opener-

Using an optional Doorphone Card, user can respond to a visitor and even unlock the door without leaving his desk, saving time for both him and his guest.

Features and Benefits

- ▶ Users can have a designated telephone, including a mobile phone, ring when a visitor presses the door bell.
- ▶ User can unlock the door for a visitor from an extension telephone.



Suitable Environments

- ▶ Companies which doesn't always have a reception attendant.
- ▶ Employees work away from the door.

Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ Hotels
- ▶ Reception
- ▶ Care facilities, Hospitals
- ▶ Schools
- ▶ Factories, Warehouses , Industrial complexes

6. System Function -Paging System-

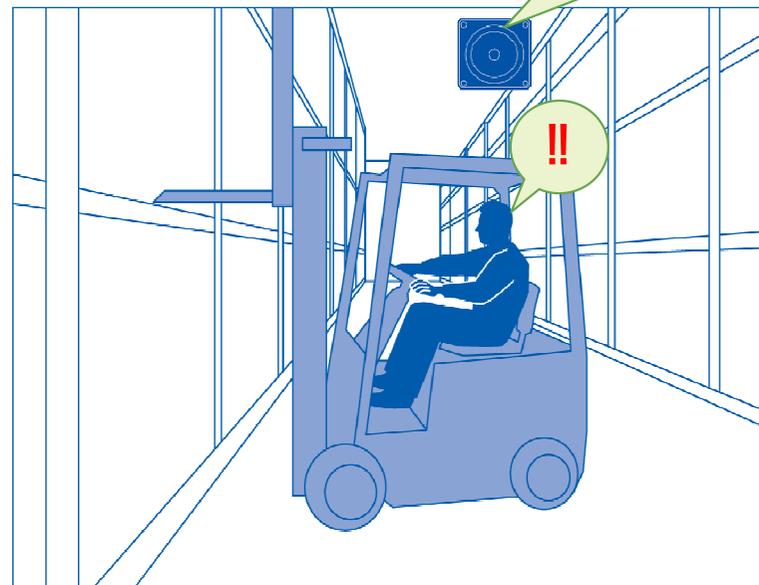
By connecting to public paging facilities, it is able to page someone who doesn't have a wireless.

Features and Benefits

- ▶ Call dedicated number to connect paging facilities.
- ▶ It is able to answer by using a nearby phone.

Suitable Environments

- ▶ Business types where much work is conducted far from a phone or difficult to answer a call.



Paging Mr. XXX, a guest is waiting for you at the lobby. Please contact to the reception, please.



Suitable Type of business

- ▶ Regular corporations/SOHO
- ▶ DIY stores, Supermarkets (Large shopping centers)
- ▶ Care facilities, Hospitals
- ▶ Schools
- ▶ Restaurants, Maintenance industry, Casino, Leisure Facilities (Service industry)
- ▶ Concert halls, Event halls
- ▶ Factories, Warehouses, Industrial complexes

Appendix

1. Product Line-up

- a) Terminal Line-up
- b) Wireless Terminal Line-up
- C) Option List

2. System Capacity

3. Incompatible Model

1. Product Line-up a) Terminal Line-up

Proprietary Telephone

	Digital Proprietary Telephone				IP-Proprietary Telephone		
Model Number	KX-DT346 	KX-DT343 	KX-DT333 	KX-DT321 	KX-NT346 	KX-NT343 	KX-NT321 
LCD	24×6 Lines	24×3 Lines	24×3 Lines	16 ×1 Lines	24×6 Lines	24×3 Lines	16×1 Lines
DSS console	KX-DT390	KX-DT390		KX-DT390	KX-NT305	KX-NT305	
Add-on Key Module	KX-NT303	KX-NT303			KX-NT303	KX-NT303	
Bluetooth®	KX-NT307	KX-NT307	KX-NT307		KX-NT307	KX-NT307	

Recommended Single Line Telephone

KX-TS500



KX-TSC11



*Note : Some models will be available to limited region.

1. Product Line-up

b) Wireless Terminal Line-up

Portable Station

	DECT				2.4GHz	
Model Number	KX-WT115 	KX-TCA175 	KX-TCA275 	KX-TCA364 	KX-TD7684 	KX-TD7694 
LCD	12digit (Number) Monochrome	16 x6 Lines Colour	16x6 Lines Colour	16x 6 Lines Monochrome	16x 6 Lines Monochrome	16x6 Lines Monochrome
*PBX Linked Feature	N/A	Yes	Yes	Yes	Yes	Yes
IP64	N/A	N/A	N/A	Yes	N/A	N/A
Soft Keys	3	2	2	2	2	2
Noise Canceling	Yes (Noise Reduction)	Yes (noisy area)	Yes (noisy area)	Yes (noisy area)	No	No

*Examples of PBX Linked Feature : PBX Call Log -PBX System Phonebook -PBX Personal Programming

Cell Station



	DECT			2.4GHz	
Model Number	KX-TDA0155	KX-TDA0156	KX-TDA0158	KX-TDA0151	KX-TDA0152
Speech Path	2ch	4ch	8ch	2ch	3ch
Installed In	build-in DLC port / DLC Card	CSIF Card	build-in DLC port / DLC Card	build-in DLC port / DLC Card	CSIF Card

Repeater*

KX-A405



KX-A272



*Only for DECT Wireless System.

*Note : Some models will be available to limited region.

1. Product Line-up

C) Option List

	Model	Description
Optional SD Memory Cards	KX-TDA0920	SD Memory Card for Software Upgrade to Enhanced Version
MPR Option Card	KX-TDA0196	Remote Card (RMT)
Trunk Cards	KX-TDA0180	8-Port Analogue Trunk Card (LCOT8)
	KX-TDA0181	16-Port Analogue Trunk Card (LCOT16)
	KX-TDA0182	8-Port DID Card (DID8)
	KX-TDA0183	4-Port Analogue Trunk Card (LCOT4)
	KX-TDA0184	8-Port E & M Trunk Card (E&M8)
	KX-TDA0187	T-1 Trunk Card (T1)
	KX-TDA0188	E-1 Trunk Card (E1)
	KX-TDA0189	8-Port Caller ID/Pay Tone Card (CID/PAY8)
	KX-TDA0193	8-Port Caller ID Card (CID8)
	KX-TDA0284	4-Port BRI Card (BRI4)
	KX-TDA0288	8-Port BRI Card (BRI8)
	KX-TDA0290CE	PRI Card (PRI30)
	KX-TDA0290	PRI Card (PRI23)
	KX-TDA0480	4-Channel VoIP Gateway Card (IP-GW4)
	KX-TDA0484	4-Channel VoIP Gateway Card (IP-GW4E)
	KX-TDA0490	16-Channel VoIP Gateway Card (IP-GW16)
	Extension Cards	KX-TDA0143
KX-TDA0144		8 Cell Station Interface Card (CSIF8)
KX-TDA0171		8-Port Digital Extension Card (DLC8)
KX-TDA0172		16-Port Digital Extension Card (DLC16)
KX-TDA0470		16-Channel VoIP Extension Card (IP-EXT16)

*Note : Some models will be available to limited region.

1. Product Line-up

C) Option List

		Model	Description
Other Cards		KX-TDA0161	4-Port Door phone Card (DPH4)
		KX-TDA0162	2-Port Door phone Card (German Type) (DPH2)
		KX-TDA0164	4-Port External Input/Output Card (EIO4)
		KX-TDA0166	16-Channel Echo Canceller Card (ECHO16)
		KX-TDA0190	Optional 3-Slot Base Card (OPB3)
		KX-TDA0191	4-Channel Message Card (MSG4)
		KX-TDA0192	2-Channel Simplified Voice Message Card (ESVM2)
		KX-TDA0194	4-Channel Simplified Voice Message Card (ESVM4)
		KX-TDA0410	CTI Link Card (CTI-LINK)
Cell Stations (CSs)	2.4GHz	KX-TDA0151	2-Channel CS Using a DHLC/DLC Card for 2.4 GHz PS
		KX-TDA0152	3-Channel CS Using a CSIF Card for 2.4GHz PS
	DECT	KX-TDA0155CE	2-Channel CS Using a DHLC/DLC Card for DECT PS
		KX-TDA0156CE	4-Channel CS Using a CSIF Card for DECT PS
		KX-TDA0158CE	8-Channel CS Using a DHLC/DLC Card for DECT PS
	DECT 6.0	KX-T0155	2-Channel CS Using a DHLC/DLC Card for DECT 6.0 PS
		KX-TDA0156	4-Channel CS Using a CSIF Card for DECT 6.0 PS
		KX-T0158	8-Channel CS Using a DHLC/DLC Card for DECT 6.0 PS
Proprietary Equipment		KX-A228	S/M-type Back-up Battery Cable
		KX-A258	Blank Slot Cover
		KX-T30865	Door Phone
		KX-T7765	Door Phone

*Note : Some models will be available to limited region.

1. Product Line-up

C) Option List

		Model	Description
DPT	DT300 Series	KX-DT346	6Line-LCD, with Backlight, 12CO, USB, Bluetooth optional
		KX-DT343	3Line-LCD, with Backlight, 12CO, USB, Bluetooth optional
		KX-DT333	3Line-LCD,24CO
		KX-DT321	1Line-LCD, 8CO
	NT300 Series	KX-NT346	6Line-LCD, with Backlight, 24CO, Bluetooth optional
		KX-NT343	3Line-LCD, with Backlight, 24CO, Bluetooth optional
		KX-NT321	1Line-LCD, 8CO
APT		KX-T7710	No-LCD, Message Lamp
PS	DECT	KX-TCA155,TCA256,TCA355, CA175、 TCA275, etc.	
	DECT6.0	KX-TD7685,TD7695, TD7996	
	2.4G	KX-TD7684,TD7694, etc.	
Voice Mail		KX-TVM200	TDA100D supports two VM system (12port/24ch)
		KX-TVM50	TDA100D supports two VM system (3port/6ch)

Compatible Telephone:KX-7600 Series

*Note : Some models will be available to limited region.

2. System Capacity

Maximum Trunk		KX-TDA100D	KX-TDA100	KX-TDA200
		Without MEC Card	Without MEC Card	Without MEC Card
			PSU-S/PSU-M	PSU-M/PSU-L
System Total		126 *1	124 *2	128 *3
Free Slot	LCOT	112	96	128
	BRI	112 (56BRI)	96 (48BRI)	128 (64BRI)
	PRI	120 (4PRI)	120 (4PRI)	120 (4PRI)
	IP-GW	64	64	64

Maximum Terminal Equipment		KX-TDA 100D	KX-TDA100			KX-TDA200			
		Without MEC Card	Without MEC Card	With MEC Card		Without MEC Card	With MEC Card		
			PSU-S/ PSU-M	PSU-S	PSU-M	PSU-M/ PSU-L	PSU-M	PSU-L	
Total Number of Telephone *4		176 *5	64	96	160	128	128	256	
Free Slot	MPR	DPT (DXDP)	4 (8)	0	0	0	0		
	Free Slot	SLT	128	64	64	96	128	128	
		DPT (DXDP)	96 (96)	64	64 (64)	96 (128)	128	128 (128)	128 (256)
		IP-PT	112	64	96		128	128	
DSS console		8	8	8		8	8		
CS		26	16	32		32	32		
High-density CS		13	16	16		16	16		
PS		128	128	128		128	128		
Voice Mail System		2	2	2		2	2		
Doorphone		16	16	16		16	16		
External Sensor		16	16	16		16	16		
External Relay		16	16	16		16	16		

*1 Max.126 trunks with one PRI30 + 96LCOT

*2 Max.124 trunks with two PRI30 + 64LCOT

*3 Max.128 trunks with 128LCOT

*4 Compatible telephone : KX-DT300 Series, KX-NT300 Series, KX-T7600 Series, KX-T7710.

Incompatible Telephone : KX-T7400 Series, KX-T7500 Series, KX-T7700 Series,

KX-T30800 Series, KX-T123200 Series, KX-TD7500 DECT portable station

*5 In case of PT configuration: Max.176 extensions with 104 DPT(DXDP) + 48 IP-PT + 24 SLT

*Note : Some models will be available to limited region.

3. Incompatible Model

The following existing model cannot be available in KX-TDA100D.

		Model	Description
Optional SD Memory Cards		KX-TDA0820	SD Memory Card for Software Upgrade
Extension Cards		KX-TDA0170	8-Port Digital Hybrid Extension Card (DHLC8)
		KX-TDA0173	8-Port Single Line Telephone Extension Card (SLC8)
		KX-TDA0174	16-Port Single Line Telephone Extension Card (SLC16)
		KX-TDA0175	16-Port Single Line Telephone Card with MW Lamp (MCSLC16)
		KX-TDA0177	16-Port Single Line Telephone Card with Caller ID (CSLC16)
Other Cards		KX-TDA0168	Extension Caller ID Card (EXT-CID)
MPR Cards		KX-TDA0105	Memory Expansion Card (MEC)
Power supply Units (PSUs)		KX-TDA0103	L-Type Power Supply Unit (PSU-L)
		KX-TDA0104	M-Type Power Supply Unit (PSU-M)
		KX-TDA0108	S-Type Power Supply Unit (PSU-S)
Cell Stations (CSs)	2.4GHz	KX-TDA0141	2-Channel CS Using a DHLC/DLC Card for 2.4 GHz PS
		KX-TDA0142	3-Channel CS Using a CSIF Card for 2.4GHz PS
	DECT	KX-TDA0141CE	2-Channel CS Using a DHLC/DLC Card for DECT PS
		KX-TDA0142CE	4-Channel CS Using a CSIF Card for DECT PS
Proprietary Equipment		KX-A229	L-type Back-up Battery Cable
DPT		KX-T7500 Series	
		KX-T7400 Series	
		KX-T7200 Series	
APT		KX-T7700 Series	
		KX-T7300 Series	
		KX-T7100 Series	
		KX-T7000 Series	