Empowered by Innovation NEC

SL1000

(Project *Draco*)

System Outline

12,26 February, 2011

NEC Corporation (Thailand)

Product Positioning
&
Concept

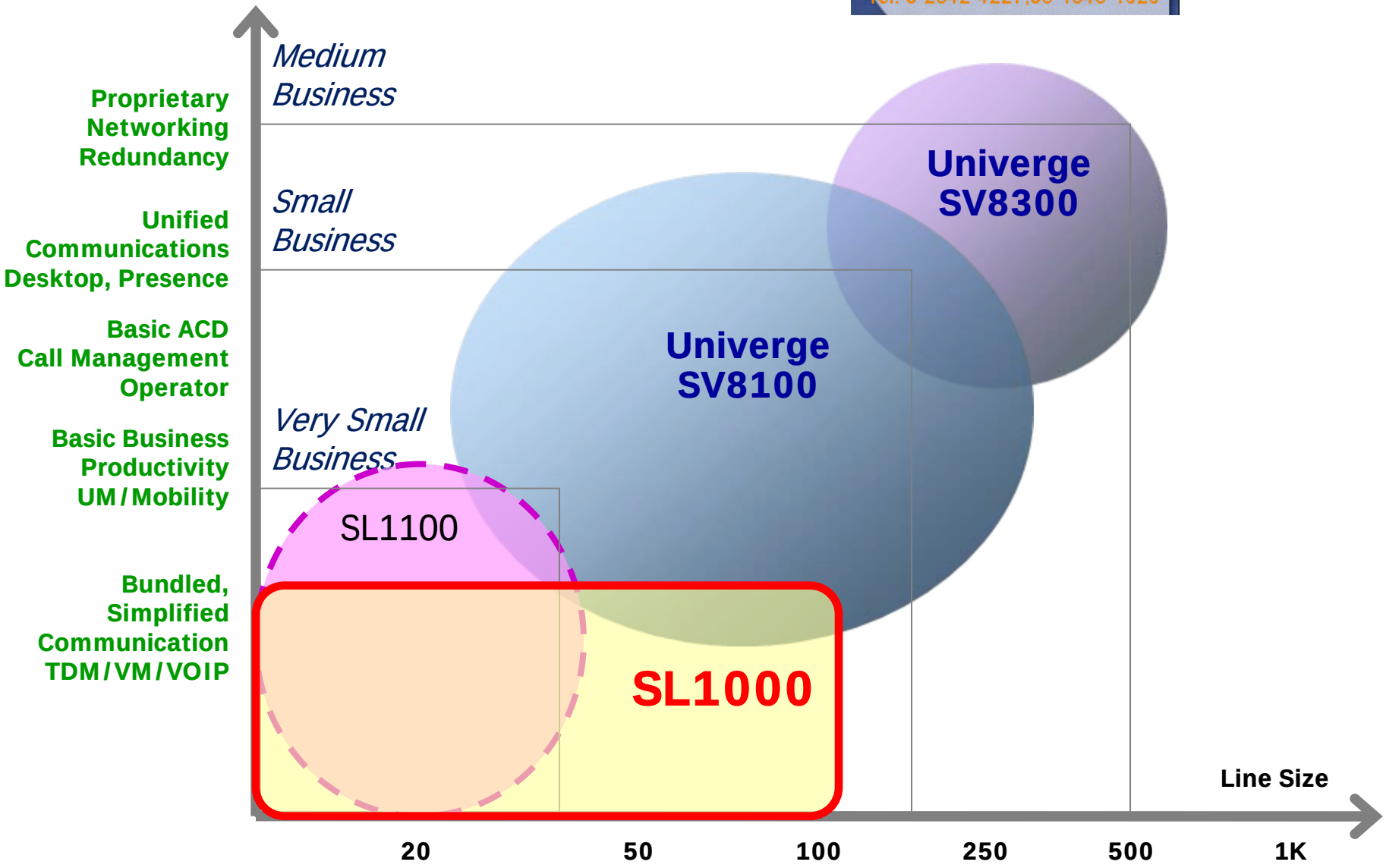
Target Market & Positioning

"SL Series" is the successor of current Topaz and DSX.
(SL1000 : Hybrid Model, SL1100 : Digital Model)

Current Product	SL Series	Target Market	Product Positioning
 Topaz	 SL1000	**Asia** **LASC** Middle East Africa Russia Europe (Selected)	**Next Topaz** - Cost Effective - Full Hybrid Design - IP Enable
 DSX	 SL1100	North America Europe Australia (TBD)	**Next Topaz / DSX (US)** - Cost Effective - Small TDM/IP Converge System - For Wholesaler (US)

SMB Platform Portfolio (General)

SL1000



Product Concept

Global Design	✓ Common KSU/Terminal Design for all markets ✓ Common Architecture *(utilize the SV8100)*
Flexibility	✓Wide Capacity Coverage *(from 408 to around 230 ports)*
Potentiality	✓ Rich System Features *(almost same as SV8100)* ✓ TDM / IP Converge
Simplicity	✓ Smart Configuration / Plug & Play ✓ New Designed, User Friendly PC/Web PRO ✓ Same Programming Method with Topaz/SV8100
Market Trend (Ecology & Security)	✓ Low Power Consumption ✓ Unique “Ecology” features *(Power Saving mode, etc)* ✓ Unique “Security” features *(Room Monitoring from Outside, etc)*
Cost Effective	✓ Competitive price

New Designed KSU

375(W) x 290(H) x 115(D) mm

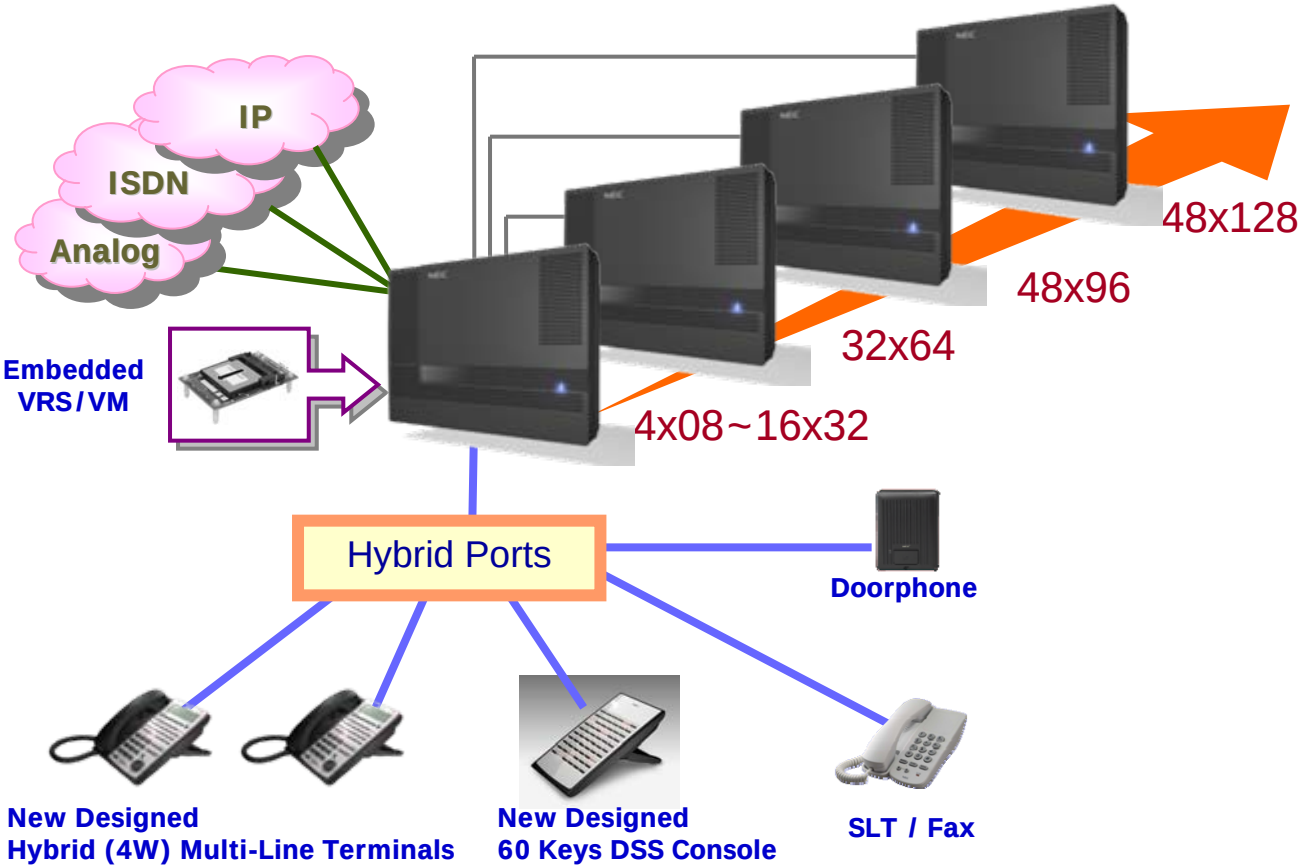
- Straight lines create a static and peaceful atmosphere.
- The provision of a glossy part in the cover creates a sharp image.
- Common design for both main and expansion KSU brings a sense of oneness.
- The combination of black color body and blue illumination impresses premium accents.

New Designed Terminal

- Flatness and thinness are emphasized through a shape extruded based on the track shape (ellipse) of the side panels.
- The face is silver, creating a good contrast with the black keys for a clean look.
- The square buttons and the arrangement of the buttons so as to give the impression of horizontal lines results in a subdued design and a sharp image.

Configuration

- Wide system capacity coverage by single platform (Max 230 ports)
- Enable to accommodate various Trunks (Analog, ISDN BRI/PRI, IP)
- Hybrid Extension Ports for flexible configuration
- Rich system features (almost same as SV8100)



Hardware Line-Up
&
Description

IP4xx-1632M-A KSU

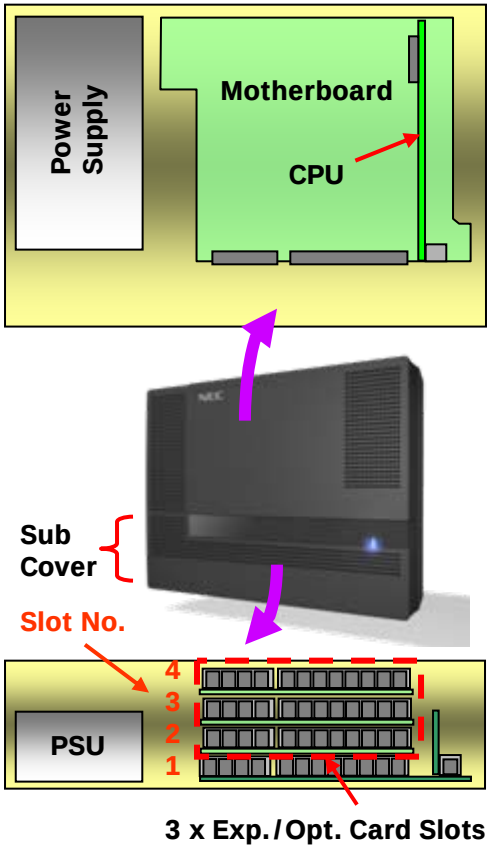
xx : WW (General Export)
xx : EU (EMEA)
x : U (China)

- Wall-Mountable Design
- Sub-Cover for easy cabling
- 3 x Expansion/Option Card Slots (for 408E/008E/PRIU)

All terminals on Slot No.4 must be Analog Terminals.

Initially provides :

Power Supply <100-240V> (MPS6930)	**1 x External Backup Battery Connector**
CPU (IP4xx-CPU-A1) **xx : WW (General Export)** **xx : EU (EMEA)**	**1 x LAN Port (10/100M)** **1 x MEMDB (Expansion Memory) slot** **1 x VM21 (for VRS/VM) slot** **1 x VOIPDB (VoIP Gateway) slot** **Main Software** **1ch x Built-In Auto-Answering (Soft-Channel)**
Motherboard (IP4WW-408M-A1)	**4 x Analog Trunk Ports (4 x RJ11)** ****Enable to use unused Trunk Port as Audio Input / Output purpose (Paging/ExMOH/BGM)** **8 x Hybrid Extension Ports (8 x RJ11)** ****Enable to connect the DSS Console to Port No. 8.** ****Enable to connect up to 2 Doorphones to Port No. 6 and 7.** **1 x Power Failure Circuit** ****Trunk Port No. 1 <-> Hybrid Extension Port No. 8** **2 x Door Unlock Relay** **1 x EXIFB (Bus Card) slot** **SLT Ringer Circuit** **MW Lamp Driver for Analog Terminals**



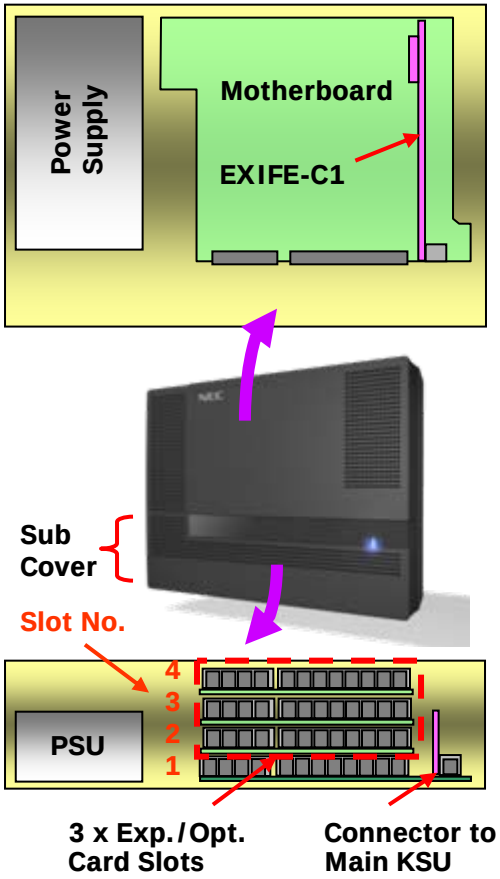
DSP on CPU	**Telephony Resources (for DTMF/DT/BT Detection, FSK CID Receiver/Sender)**	**20**
	Tone Sender Resources (for System Tones sender, DTMF Sender)	**128**
	Conference Resources	**32**

Expansion KSU

IP4xx-1632ME-A EXP

xx : WW (EMEA / General Export)
x : U (China)

- Same design with Main KSU
- Wall-Mountable Design
- Sub-Cover for easy cabling
- 3 x Expansion/Option Card Slots (for 408E/008E/000E/PRIU)



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Bus Card (IP4WW-EXIFE-C1)	**1 x Bus Connector to Main KSU**

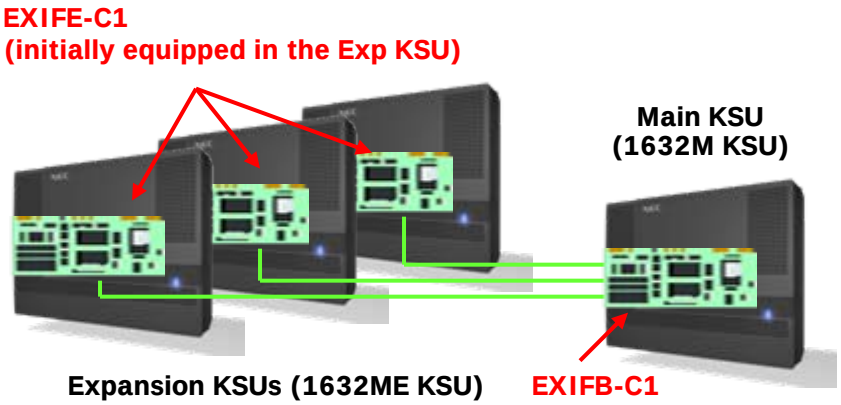
DSP on EXIFE	**Telephony Resources (for DTMF/DT/BT Detection, FSK CID Receiver/Sender)**	**32**

Option Items for KSUs

IP4WW-EXIFB-C1

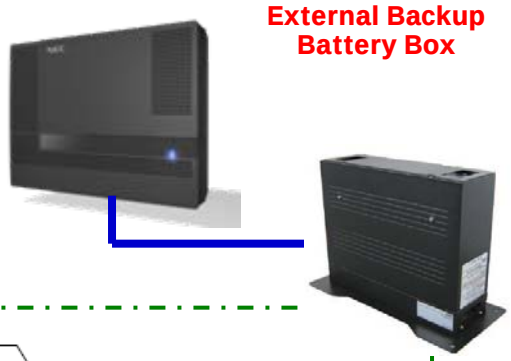
- Bus Card for System Capacity expansion
- Install to the Main KSU
- 3 connectors for Expansion KSUs
- DIM Monitor circuit for maintenance

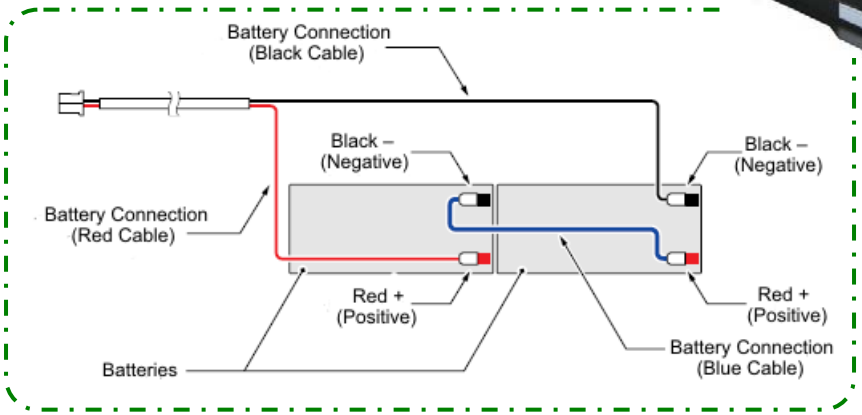
- **Up to 4 KSUs (1 Main KSU & 3 Exp KSUs)**
- **Each KSU requires individual AC Power**
- **No.4 KSU (No.3 Exp KSU) does NOT support any Trunks (Analog, ISDN BRI, PRI).**



IP4WW-Battery Box

- External Backup Battery Box (Color : Black)
- Connect to the Power Supply at each KSU (One box per KSU)
- Attach necessary cables
- Wall / Floor mountable design
- Backup duration is approximately 1 hour





Battery itself is local supply
(12V, 7Am/H x 2 pcs per BOX)

Recommended Battery	**: GS Yuasa NP7-12**
Size (H x W x D) per Battery	**: 100 x 151 x 65 (mm)**

Option Items for CPU (1)

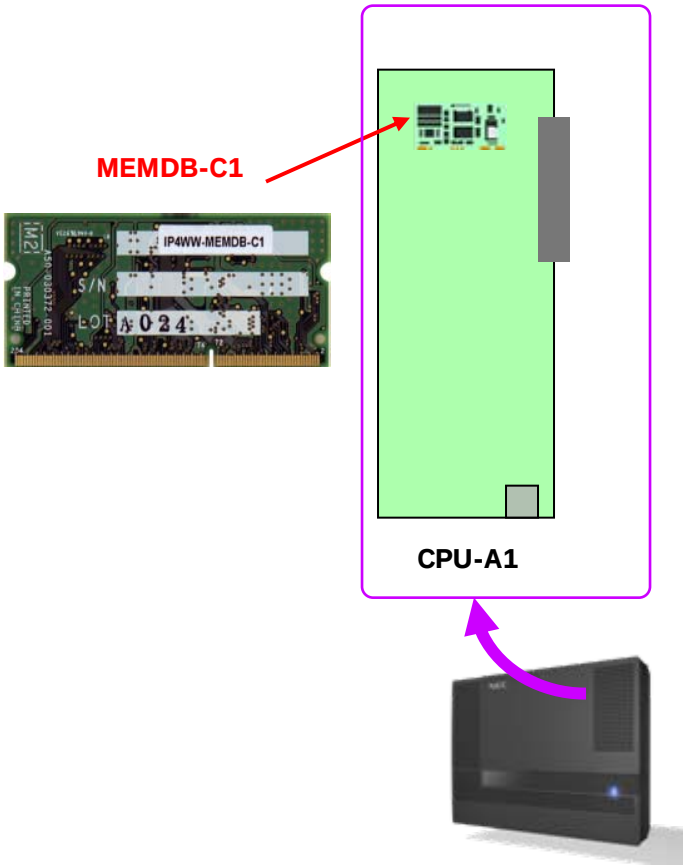
IP4xx-MEMDB-C1

xx : WW (General Export) xx : EU (EMEA)

- Expansion Memory Card for capacity & feature expansion
- Install onto the CPU (MEMDB Slot) at Main KSU

MEMDB Feature List

Feature	Remarks
Expansion KSU	Technical Requirement (Additional hardware memory is required.)
VoIP	Technical Requirement (Additional hardware memory is required.)
E-Mail Notification (In-Mail)	Technical Requirement (Additional hardware memory is required.)
Remote Upgrade (Main Software)	Technical Requirement (Additional hardware memory is required.)
Total VRS/In-Mail Channels Control	Technical Requirement (w/o MEMDB... Max 8ch, w/ MEMDB...Max 16ch)
VRS Channel Control	w/o MEMDB...VRS : 4ch, w/ MEMDB...VRS : 16ch



Option Items for CPU (2)

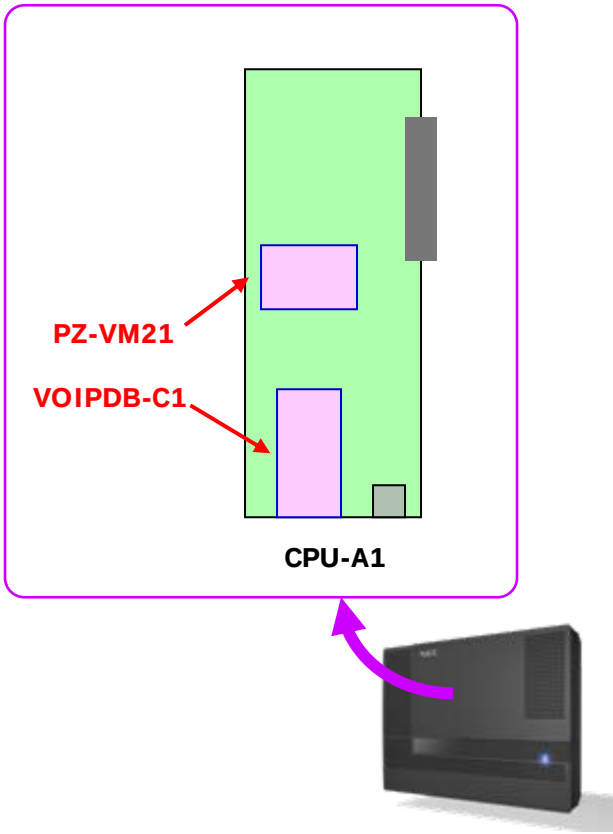
IP4WW-VOIPDB-C1

- VoIP Gateway Card
- Install onto the CPU (VOIPDB Slot) at Main KSU
- 16ch DSP

Refer to "VoIP Configuration" part for more details.

<Note> Available in May/2011

VOIPDB-C1



PZ-VM21

Common Item with SV8100

- Embedded VRS / Voice Mail Card
- Install onto the CPU (VM21 Slot) at Main KSU
- V34 (33.6kbps) analog modem is initially mounted (for remote maintenance)
- VRS / VM CF Card is separate preparation

PZ-VM21

Option Items for CPU (3)

VRS / In-Mail CF

- VRS / Voice Mail CF Card
- Install onto the PZ-VM21 (CF Slot) at Main KSU
- VRS and In-Mail channels are separate control
  - *VRS channel : controlled by MEMDB*
  - *In-Mail Channel : controlled by CF and license*
- Up to 24 prompt languages (see right) are initially contained into the CF Cards.

Built-In Language (for all CF Cards)	
US English	Japanese
UK English	Mandarin Chinese
Australian English	Korean
French Canadian	Iberian Portuguese
Dutch	Greek
Mexican Spanish	Danish
Latin American Spanish	Swedish
Italian	Thai
German	Mandarin Chinese (Taiwan)
Madrid Spanish	Flemish
Norwegian	Turkish
Parisian French	Arabic (TBD)
Brazilian Portuguese	

Item Name	Function	CF Capacity	Channel				Mail Box
			VRS		In-Mail		
			Default	Max	Default	Max	
IP4WW-CFVRS-C1	VRS Only	512MB	4	16 (w/ MEMDB)	N/A	N/A	N/A
IP4WW-CFVMS-C1	VRS & 2ch In-Mail (Approx:15H)	512MB	4	16 (w/ MEMDB)	2	16 (w/ License)	128 (EXT) 16 (Group) 16 (Routing)
IP4WW-CFVML-C1	VRS & 4ch In-Mail (Approx:40H)	1GB	4	16 (w/ MEMDB)	4	16 (w/ License)	128 (EXT) 16 (Group) 16 (Routing)

Note : CF Cards are NOT compatible to SV8100.

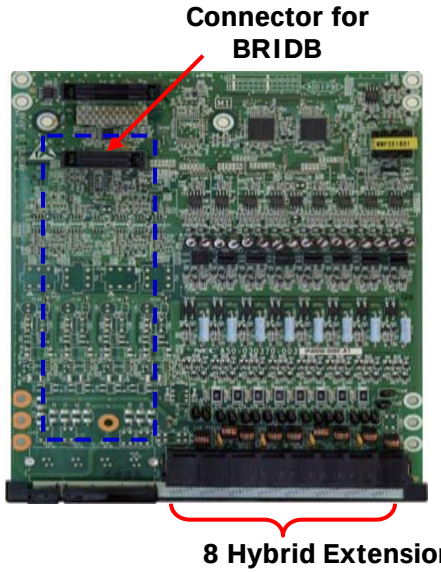
Expansion Cards

IP4WW-408E-A1

- 4 Analog Trunks & 8 Hybrid Extensions Card
- Enable to connect the DSS Console to Hybrid Ext. Port No.8
- Install to the Expansion Card Slot at Main/Expansion KSU
- Max 3 cards per KSU
- Provide 4 pcs of RJ11 connectors for Trunks,
  8 pcs of RJ11 connectors for Extensions
- Provide 1 power failure circuit
  (Trunk Port No. 1 <-> Hybrid Extension Port No. 8)

IP4WW-008E-A1

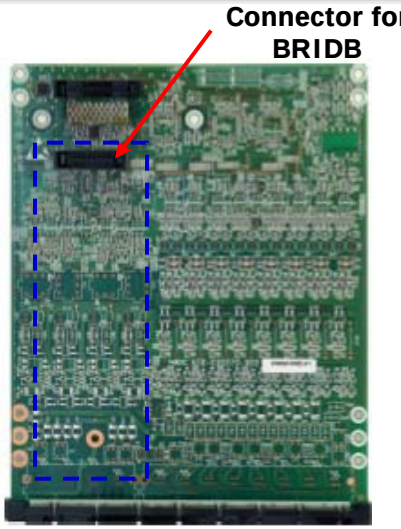
- 8 Hybrid Extensions Card
- Enable to connect the DSS Console to Hybrid Ext. Port No.8
- Install to the Expansion Card Slot at Main/Expansion KSU
- Max 3 cards per KSU
- Provide 8 pcs of RJ11 connectors for Extensions
- Provide 1 connector for ISDN BRI Daughter Board



ISDN BRI Cards

IP4WW-000E-A1

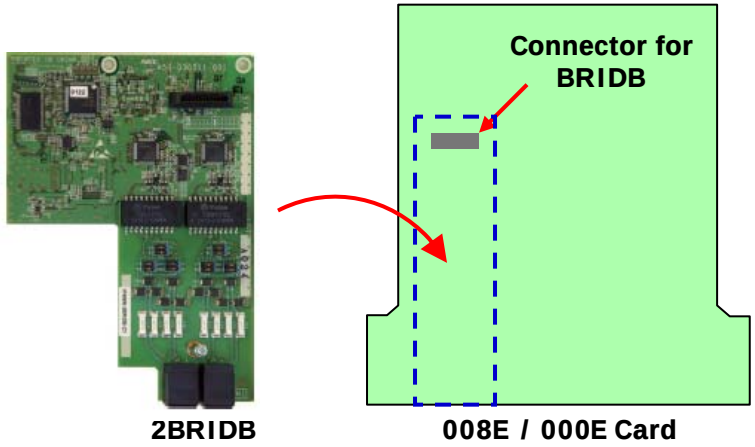
- 0 Trunk/Extension Card for ISDN BRI
- Install to the Expansion Card Slot at Main/Expansion KSU
- Max 3 cards per KSU
- Provide 1 connector for ISDN BRI Daughter Board



IP4WW-2BRIDB-C1

- 2 Euro-ISDN BRI Daughter Board
- Install onto the 008E or 000E card
- Max 3 cards per KSU
- Provide 2 pcs of RJ45 connectors
- Support T/S point connection (Hard-switch)

There is no power feeding for S-point from system.



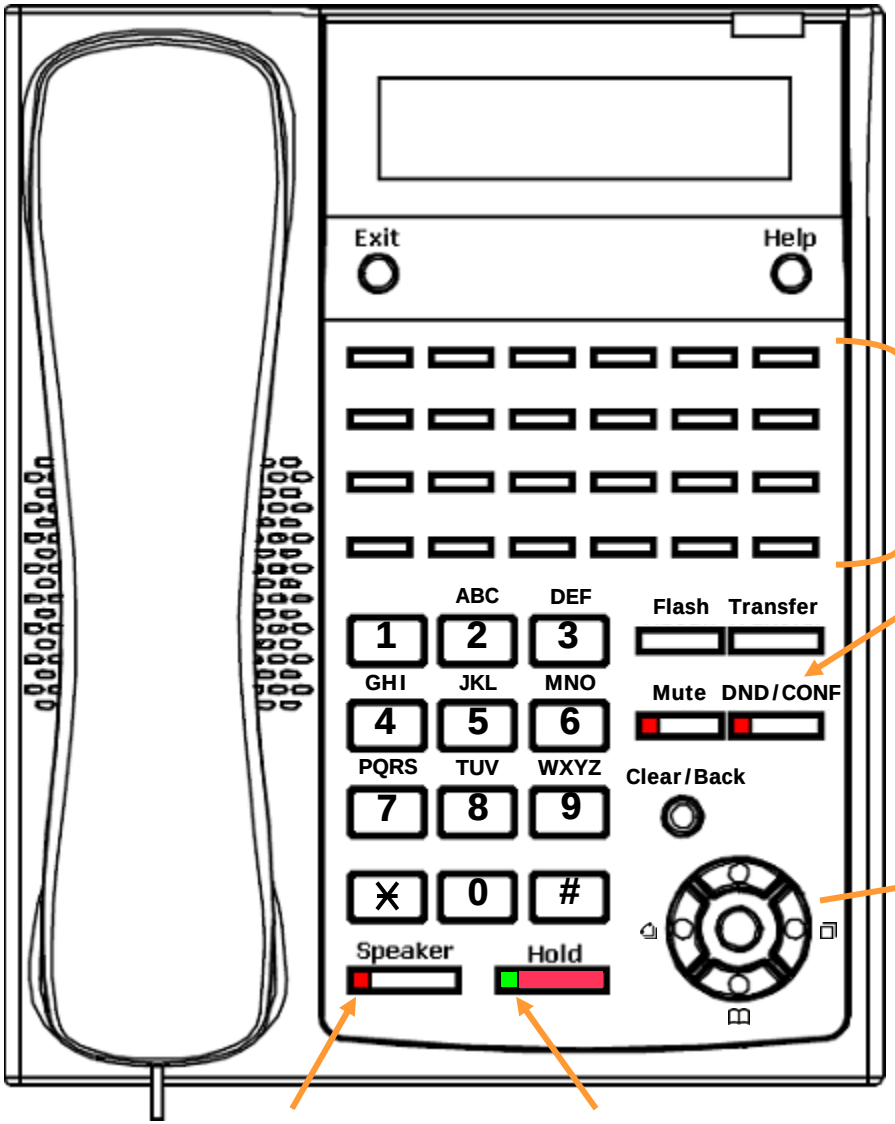
ISDN PRI Cards

IP4WW-PRIU-C1

- 1 ISDN PRI/E1(LASC)
- Install to the Expansion Card Slot at Main/Expansion KSU
- 1 card per KSU, Max 3 cards per system
- Provide 1 pc of RJ45 connector
- Support T/S point connection (Hard-switch)

Terminal Features

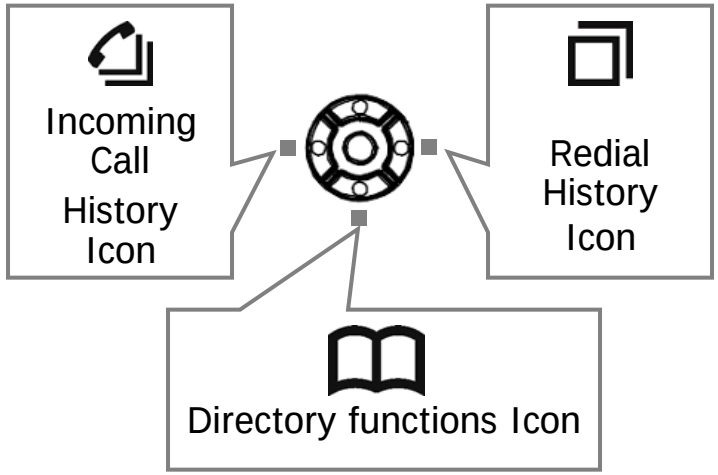
Key Indication & LED



All Key Indications (except Dial Numbers on Ten Key Pad) are printed on the DESI Sheet.

Red / Green Color LED

Red Color LED



Terminals

	IP4WW-12TXH-A-TEL	IP4WW-24TXH-A-TEL
		
Terminal Type	Hybrid (4W) Multi-Line Terminal	Hybrid (4W) Multi-Line Terminal
Connected to	Hybrid Extension Port	Hybrid Extension Port
Color Line-Up	Black/White	Black/White
LCD	16 digits x 2 lines w/o Backlit	16 digits x 2 lines w/o Backlit
Programmable Keys	12 (BLF : Red/Green)	24 (BLF : Red/Green)
Soft Keys	No	No
Menu Cursor Key	Yes	Yes
Incoming LED	1 color (Red)	1 color (Red)
Handsfree	Half-duplex	Half-duplex
Backlit Dial Pad	No	No
Headset Port	No (use Handset Port)	No (use Handset Port)
Angle Adjustment	2-steps (Base)	2-steps (Base)
Wall Mounting Kit	Built-In	Built-In

	IP4WW-60D DSS-A console
	
Terminal Type	Hybrid (4W) DSS Console
Connected to	Ext. Port No.8 at each card
Color Line-Up	Black/White
Programmable Keys	60 (BLF : Red/Green)
Angle Adjustment	2-steps (Base)
Wall Mounting Kit	Built-In

	DP-D-1A / DP-D-1D / DX4NA Doorphone / HS.D503DOR-A
	
Terminal Type	Doorphone
Connected to	Hybrid Port No.6 and 7 at 408M of each KSU

<Note> There is no plan to develop the DLS Console.

IP Terminal

	IP4WW-24TIXH-C-TEL 		
Terminal Type	Multi-Line IP Terminal	Handsfree	Full-duplex
Connected to	Ethernet Port on the Network	Backlit Dial Pad	Yes (Intensity : 8 steps)
Interface	2 x RJ45 Ethernet Ports (10Base-T/100Base-TX) for LAN and PC	Headset Port	Yes
Color Line-Up	Black/White	Angle Adjustment	2-steps (Base)
LCD	24 digits x 3 lines w/ Backlit (Backlit : Support Fade Control)	Wall Mounting Kit	Option
Programmable Keys	24 (BLF : Red/Green)	Power Feeding	AC Adapter (In : AC100V-240V, Out : DC27V,1A) or PoE (IEEE802.3af)
Soft Keys	Yes	Support CODEC	G.711 / G.729a / G.722
Menu Cursor Key	Yes	Open XML Interface	Not Support
Incoming LED	3 colors (Red/Green/Orange)		

<Note> Available in May/2011

Item List & Maximum QTY

SL1000

Category	Hardware Name	Description	1 KSU	2 KSU	3 KSU	4 KSU
KSU	IP4xx-1632M-A KSU	Main KSU (inc. P/S, CPU, 408M M/B)	1	1	1	1
	IP4xx-1632ME-A EXP	Expansion KSU (inc. P/S, Bus Card, 408M M/B)	---	1	2	3
Option Items for KSU	IP4WW-EXIFB-C1	Bus Card for Main KSU	---	1	1	1
	IP4WW-Battery Box	External Backup Battery Box	1	2	3	4
Option Items on CPU	IP4xx-MEMDB-C1	Expansion Memory Card for capacity & feature expansion	1	1	1	1
	IP4WW-VOPIDB-C1	VoIP Gateway Card (Available in May/2011)	1	1	1	1
	PZ-VM21	Embedded VRS/Voice Mail Card (Common for SV8100)	1	1	1	1
	IP4WW-CFVRS-C1	VRS CF Card	1 (Total)	1 (Total)	1 (Total)	1 (Total)
	IP4WW-CFVMS-C1	VRS/In-Mail (2ch, 15H) CF Card				
	IP4WW-CFVML-C1	VRS/In-Mail (4ch, 40H) CF Card				
Expansion Cards	IP4WW-408E-A1	4 Analog Trunks + 8 Hybrid Extensions Card	3	6	9	9
	IP4WW-008E-A1	8 Hybrid Extensions Card	3	6	9	12
	IP4WW-000E-A1	0 Trunk/Extension Card for ISDN BRI	3 (Total)	6 (Total)	9 (Total)	12 (Total)
	IP4WW-2BRIDB-C1	2 ISDN BRI Daughter Board	3	6	9	9
	IP4WW-1PRU-C1	1 ISDN PRI (E1 for Latin America) Card	1	2	3	3
Terminals	IP4WW-12TXH-A-TEL (BK/WH)	12 Keys, Hybrid (4W) Multi-Line Terminal (Black / White)	24	48	72	96
	IP4WW-24TXH-A-TEL (BK/WH)	24 Keys, Hybrid (4W) Multi-Line Terminal (Black / White)	24	48	72	96
Terminal Options	IP4WW-60D DSS-A console (BK/WH)	60 Keys, Hybrid (4W) DSS Console (Black / White)	3 (Total)	6 (Total)	9 (Total)	12 (Total)
	DP-D-1A / DP-D-1D / DX4NA Doorphone / HS.D503DOR-A	Doorphone Box	2	4	6	8
IP Terminal	IP4WW-24TIXH-C-TEL (BK/WH)	24 Keys, IP Multi-Line Terminal (Black / White) (Available in May/2011)	16	16	16	16

System Capacity

SL1000

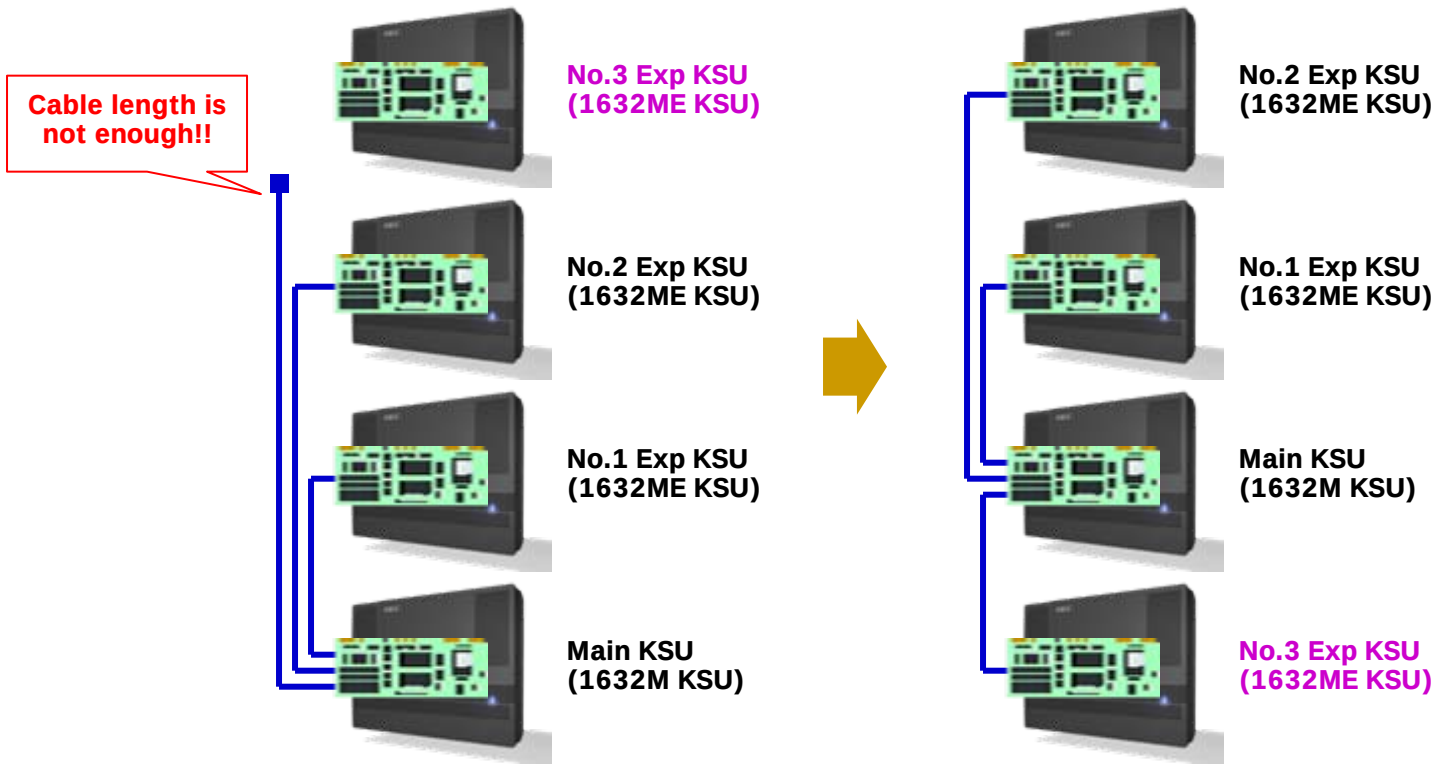
Number of KSU			1 KSU	2 KSU	3 KSU	4 KSU	Remarks
Total Ports			66	132	198	230	
	Trunk Port	Max	42	84	126	126	
		Analog	16	32	48	48	
		ISDN BRI	12	24	36	36	
		ISDN PRI/E1 (2M)	30	60	90	90	1 card per KSU, Max 3 cards per system
		IP Trunk (SIP/H.323)	16	16	16	16	IPLA & MEMDB is required Need license to be Max
		External Paging	1	2	3	3	Use Analog Trunk ports
		External MOH	1	1	1	1	Use Analog Trunk port
		BGM	1	1	1	1	Use Analog Trunk port
	Extension Ports	Max	32	64	96	128	
		Multi-Line Terminal	24	48	72	96	
		Analog Terminal	32	64	96	128	
		IP Terminal (SIP-MLT/Std.)	16	16	16	16	IPLA & MEMDB is required Need license to be Max (SIP-Std)
		DSS Console	3	6	9	12	Connect to Hybrid Extension ports
		Door phone	2	4	6	8	Connect to Hybrid Extension ports
Virtual Extension Port			50	50	50	50	
Power Failure Circuit			4	8	12	12	1 circuit per 408M/408E
Door Relay			2	4	6	8	Located on 408M of each KSU
Ethernet Port			1	1	1	1	Located on CPU
Built-In Answering Machine Channel			1	1	1	1	Mounted on CPU
VRS Channel			4	16	16	16	
In-Mail Channel			8	16	16	16	Need license to be Max
Analog Modem			1	1	1	1	Mounted on PZ-VM21

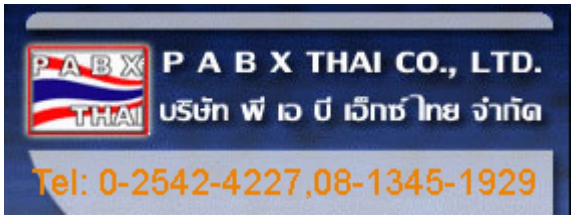
Appendix : Notice for No.4 KSU

No.4 KSU (No.3 Expansion KSU) has following limitations.

- Any trunk (Analog, ISDN BRI/PRI) does NOT work.
- Power Failure circuits are not available because of no trunks support.
- Multi-Line Terminals, SLTs and DSS Consoles work but Doorphone and Relay do NOT work.
- Due to the cable length limitation, installation position of No.4 KSU must be careful.

Expansion cable is special design and can NOT be extended by yourself to avoid any transmission error.



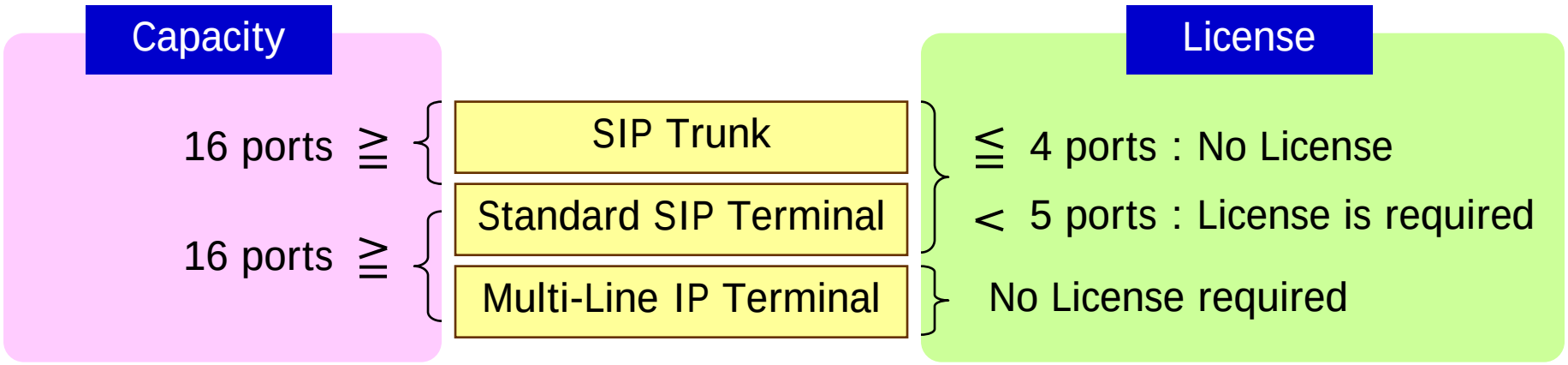


VoIP Configuration

VoIP Configuration (1)

- Install VOIPDB (DSP : 16) and MEMDB cards for VoIP solution.
  (MEMDB must be installed because additional memory is required for VoIP)
- Up to 16 DSPs are automatically activated just installing the above hardware.
- Maximum IP Trunk/Extension capacity is :
  - Max 16 IP Trunks + 16 IP Extensions
- Up to 4 ports license are initially bundled for SIP Trunks / Standard SIP Extensions.
- Enable to increase the number of available ports by adding the software license.
- Multi-Line IP Terminal does NOT need any license. (SIP-MLT license is initially included into the terminal), however it must be counted as IP Extensions. Total number of IP Extensions (both Multi-Line IP Terminal & Standard SIP Terminals) must not exceed 16.

VoIP Configuration (2)



Example Configuration	Required License
SIP Trunk : 4 Standard SIP Terminal : 0 Multi-Line IP Terminal : 16	None
SIP Trunk : 2 Standard SIP Terminal : 2 Multi-Line IP Terminal : 14	None
SIP Trunk : 16 Standard SIP Terminal : 0 Multi-Line IP Terminal : 16	Additional IP Port License is required. (12 ports)
SIP Trunk : 4 Standard SIP Terminal : 4 Multi-Line IP Terminal : 4	Additional IP Port License is required. (4 ports)

License Scheme

License Concept & List

- Use current SV8100 Facility (License Server and Scheme) without any modification.
- Prepare unique licenses for SL Series on the SV8100 License Server.
- For the easy installation & operation, majority of SL Series users must not need to add the license.

Feature	License Name	Description	Type of License	Activation Method	Bundled License	System Max	Note
VoIP	SL-IP-SIPTRK/SIPEXT-1 LIC	SIP Trunk / Standard SIP Terminal License	Port Base	Requires from 5th port	4	16TRK+16EXT	MEMDB and VOIPDB is required
VoIP Encryption	SL-IP-ENCRYPTION LIC	Encryption License for Multi-Line IP Terminal	System Base	Requires if this feature needs to be activated	None	On	On/Off license
VoIP NAPT	SL-IP-NAPT LIC	NAPT License for Multi-Line IP Terminal	System Base	Requires if this feature needs to be activated	None	On	On/Off license
In-Mail	SL-VM-CHANNEL-2 LIC	Additional In-Mail Channel License (2ch)	Channel Base	Requires from 3rd or 5th Channel	2 (15H CF) 4 (40H CF)	16ch	
In-Mail Advance	SL-VM-ADVANCE LIC	In-Mail Advanced Features License *- E-Mail Notification* *- Cascading message notification* *- Find-Me/Follow-Me* *- Password Option* *- Hotel/Motel*	System Base	Requires if this feature needs to be activated	None	On	On/Off license MEMDB is required for E-Mail Notification
Mobile Extension	SL-SYS-MOBILE-1 LIC	Additional Mobile Extension Port License	Port Base	Requires from 5th port	4	32	
Hotel/ Motel	SL-SYS-HOTEL LIC	Hotel/Motel Feature License	System Base	Requires if this feature needs to be activated	None	On	On/Off license

Highlight Features

Low Power Consumption

Less than 25% from previous model

Power Saving Mode

Automatically off the power
(Stand-by mode) during Night Mode

Office Guard

Room Monitoring from Outside (via DISA)

Access from outside to monitor the room sound from terminal built-in microphone.

Warning Message

Automatically and periodically send the VRS Message from built-In Speaker on Multi-Line Terminal during night mode.

Security with 3rd Party Equipment

- *Room Monitoring with PIR(*)*
- *Emergency Button*

Work with 3rd Party PIR / Emergency Button to provide Security feature such as Auto-Emergency Call and Warning Message Sending.

(*) PIR : Passive Infrared Sensor

Remote Inspection

Automatically ring the terminal with pre-programmed schedule in order to check whether users answer or not. Auto-Emergency Call is placed if no answer.

Be aware of offering those functions in the sense of Contact / Court cases

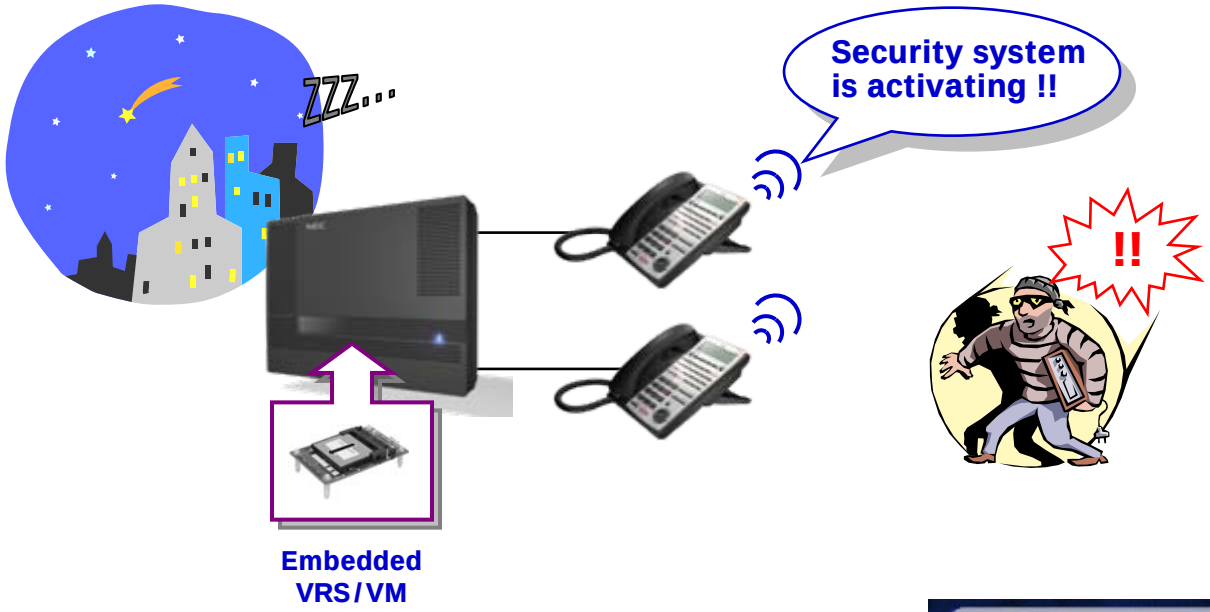
Office Guard : Room Monitoring from Outside

SL1000

- Enable to monitor the room sound from outside via DISA.
- Activate the built-in microphone of Multi-Line Terminal.
- This feature is under DISA password control for secure operation.

Office Guard : Warning Message

- Enable to send the VRS Message automatically and periodically from built-in Speaker on Multi-Line Terminal as “Warning Message” during Night Mode.
- It is expected to act as a deterrent even if there is no tight security facility.



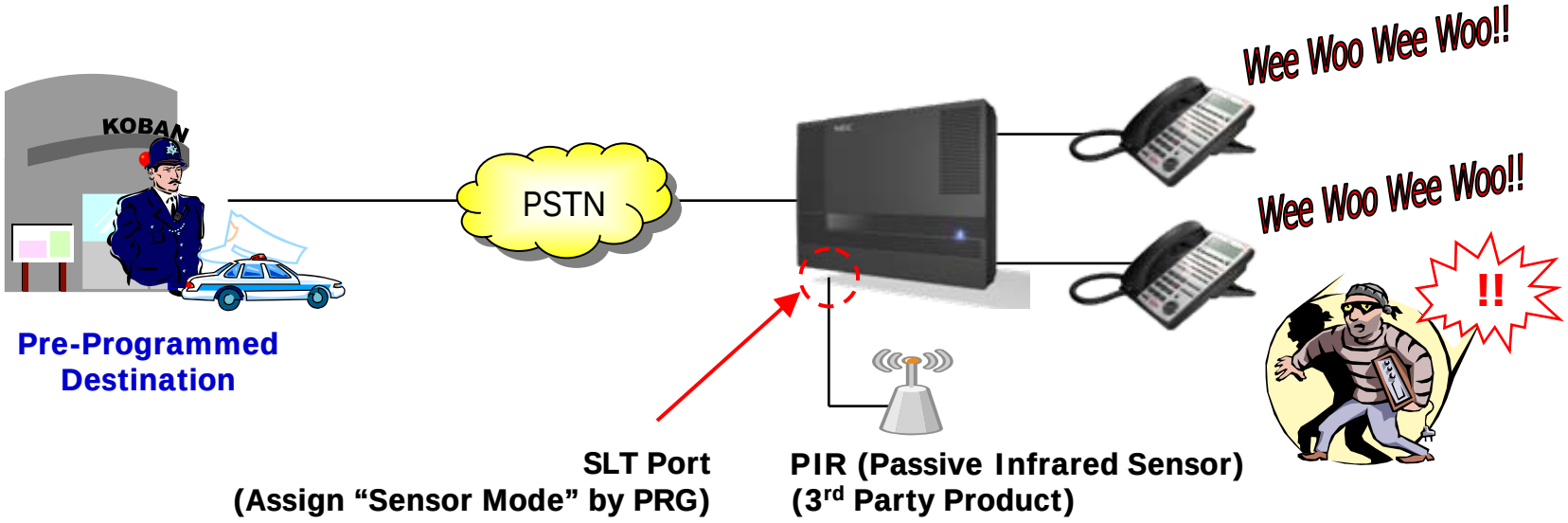
Office Guard : with 3rd Party Equipment (1)

Idea 1 : Room Monitoring with PIR(*)

(*) PIR : Passive Infrared Sensor

- Enable to accommodate the 3rd Party PIR equipment for Guard feature.

When the system detects the signal from connected PIR (3rd Party Product), pre-recorded Warning Message is paged to the built-in SPK on Multi-Line Terminals (and/or Paging Speaker), and the system automatically places an outgoing call to the pre-programmed destination as emergency call. (pre-recorded message shall be sent after answering)



Relay Contact Rating		
Mode 1	40mA	30Vdc
Mode 2	40mA	10Vdc

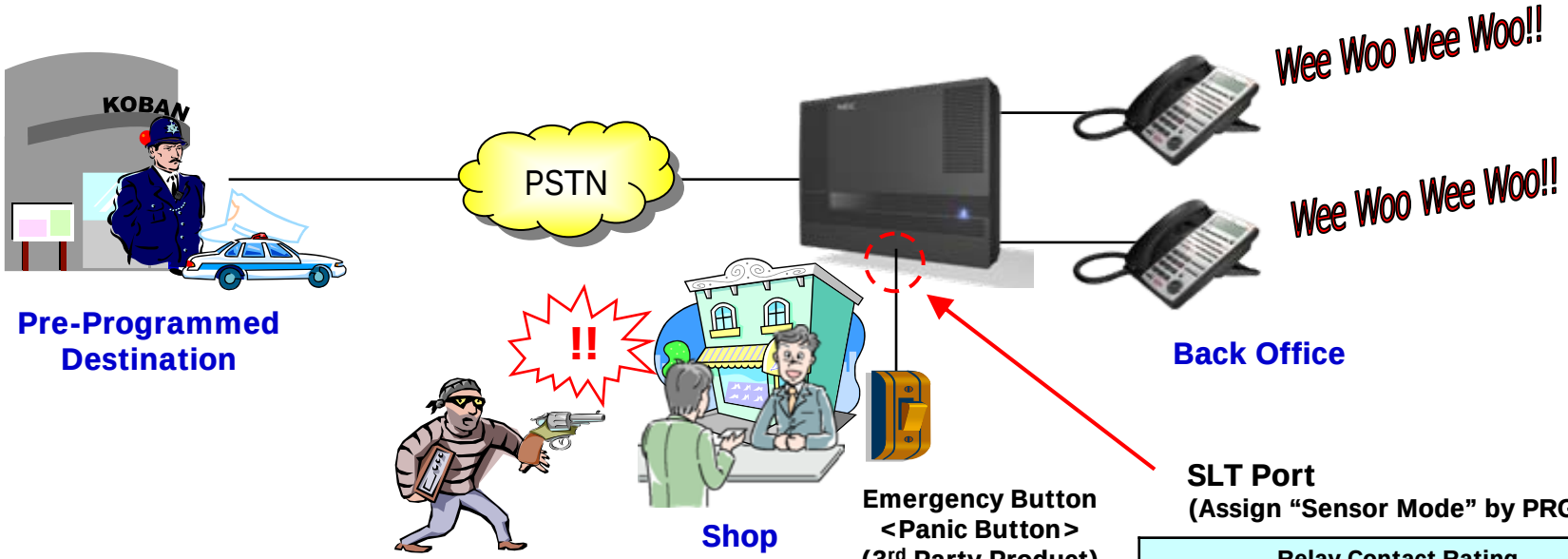
Be aware of offering automatic outgoing call in the sense of Contact / Court cases

Office Guard : with 3rd Party Equipment (2)

Idea 2 : Emergency Button

- Enable to accommodate the 3rd Party Emergency Button for Security feature.

In the event of emergency, the user presses an emergency button to request further help.
When the system detects the signal from emergency button (3rd Party Product), pre-recorded Warning Message is paged to the built-in SPK on Multi-Line Terminals (and/or Paging Speaker), and the system automatically places an outgoing call to the pre-programmed destination as emergency call. (pre-recorded message shall be sent after answering)

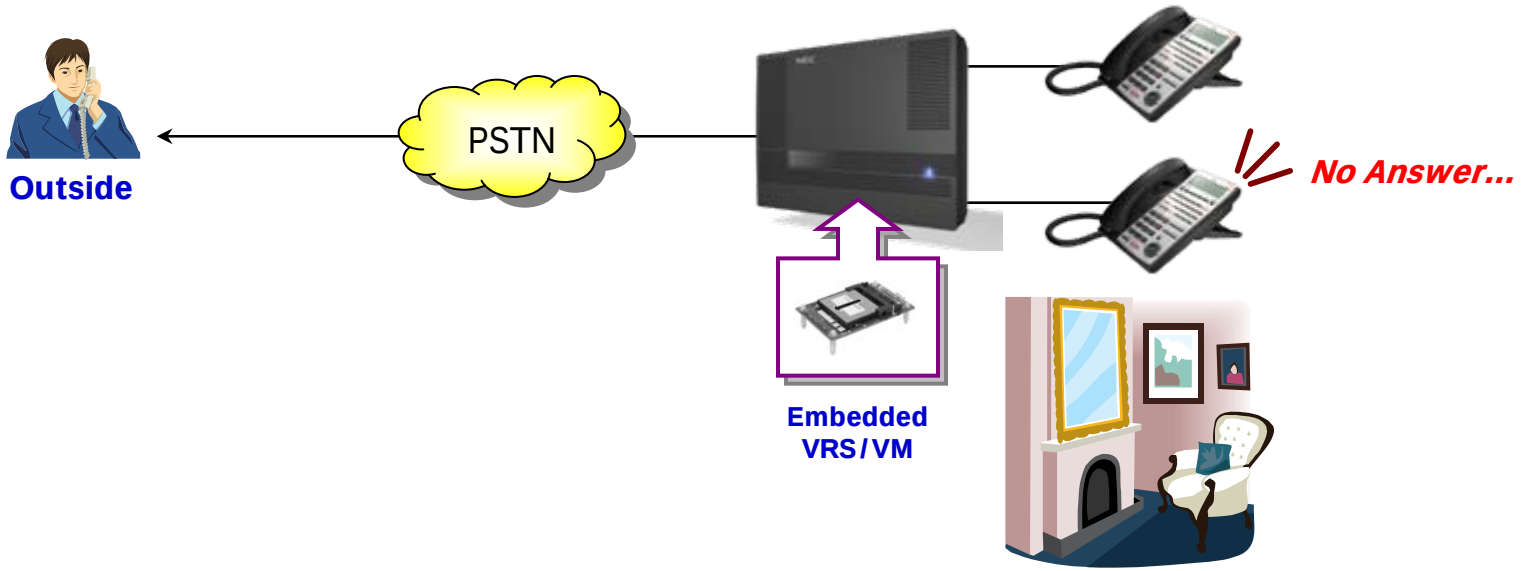


Relay Contact Rating		
Mode 1	40mA	30Vdc
Mode 2	40mA	10Vdc

Be aware of offering automatic outgoing call in the sense of Contact / Court cases

Office Guard : Remote Inspection

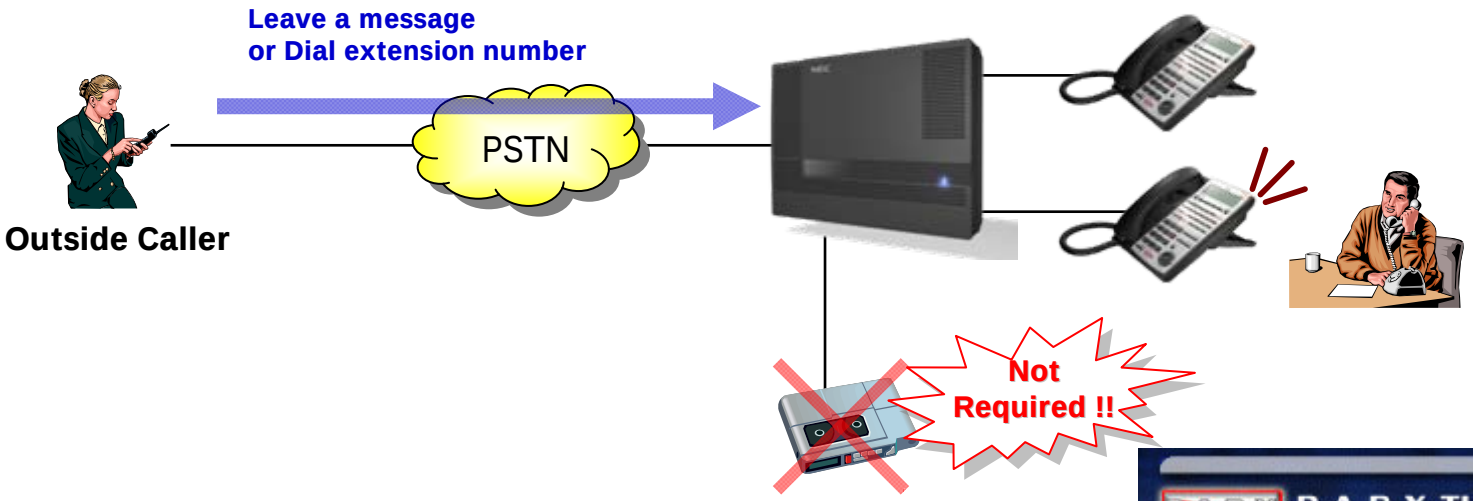
- Automatically ring the terminal with pre-programmed schedule in order to check whether users answer or not.
- Place an auto-emergency call with pre-recorded VRS Message to the pre-programmed destination if no answer.



Be aware of offering automatic outgoing call in the sense of Contact/Court cases

Built-In Auto-Answering

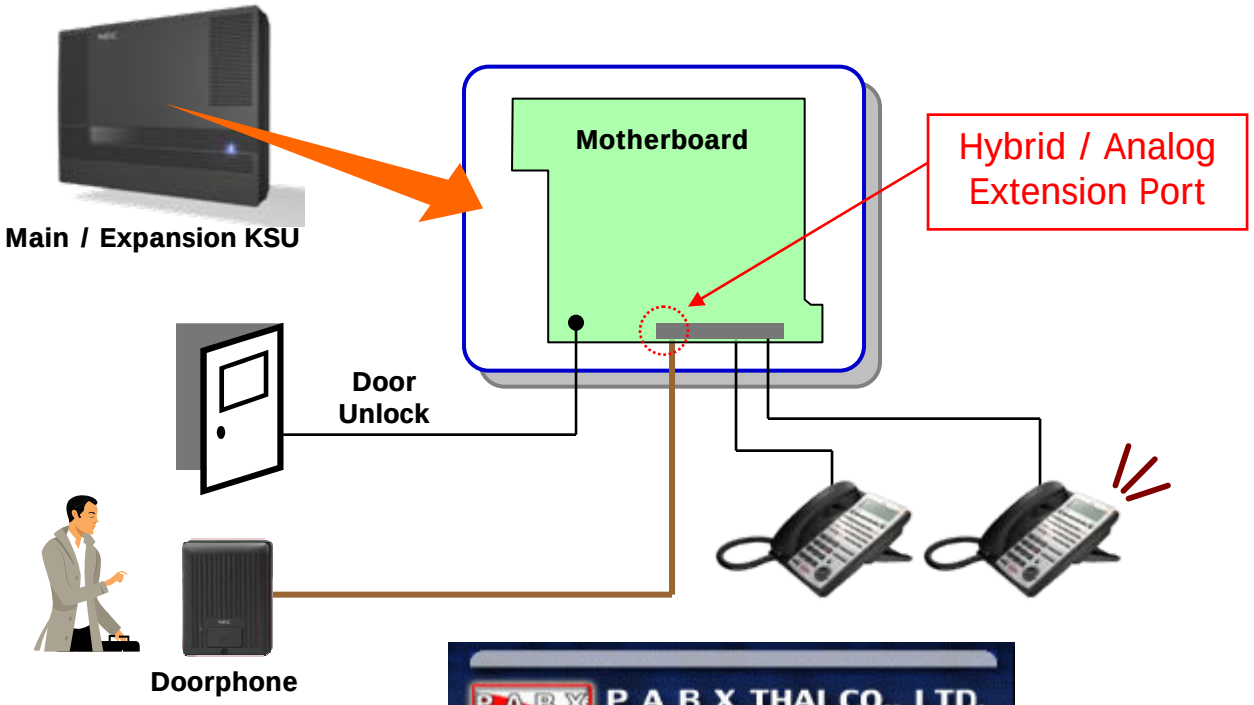
- Initially equipped the Auto-Answering feature (1ch : Soft-channel) in the CPU without any additional hardware.
- Enable to record up to 4 greeting messages by users.
- Enable to leave a message from outside. (10 Messages)
- Total 8 minutes of recording time (in conjunction with greeting and left messages)
- Enable to use as simple VRS (Operator Assistance) as well.



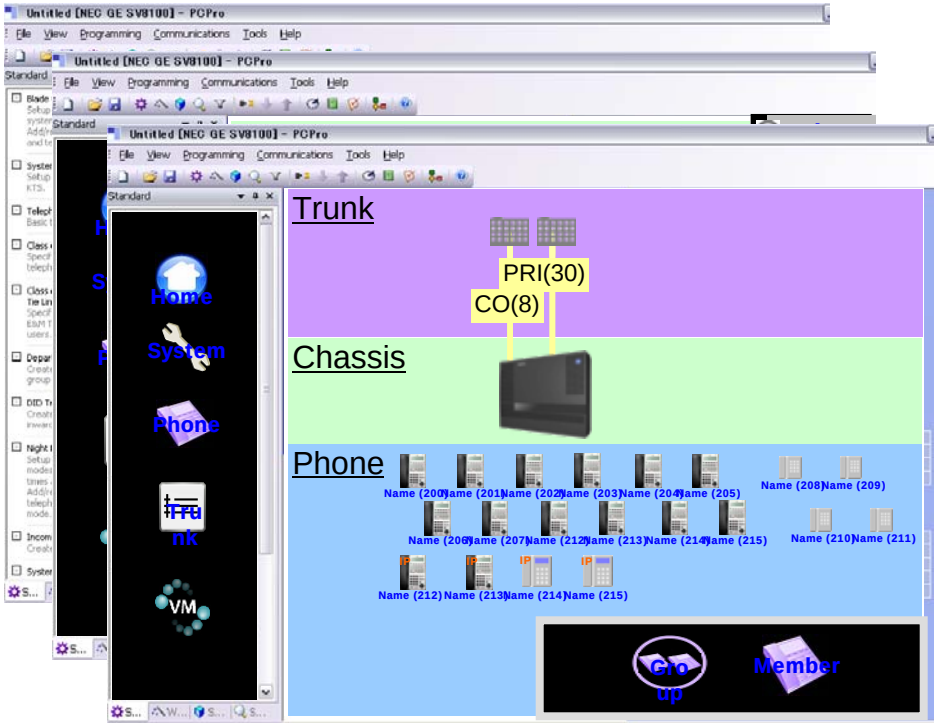
▲ <Note>
This feature is applicable for all markets except US.
(In-Mail Auto-Attendant feature is equipped for US version SL Series.)

Doorphone

- Enable to accommodate Doorphone Box to the specified Hybrid / Analog Extension Ports on the Motherboard of each KSU directly without any special hardware.
- Initially equipped Door Unlock Relay (2 circuit) on the Motherboard of each KSU.
- Provides easy installation and cost-effectiveness, and suitable for SOHO users.



- New designed PCPRO / Web PRO / User Pro for easy installation and setup.
- Enable Remote Upgrading of Main Software.

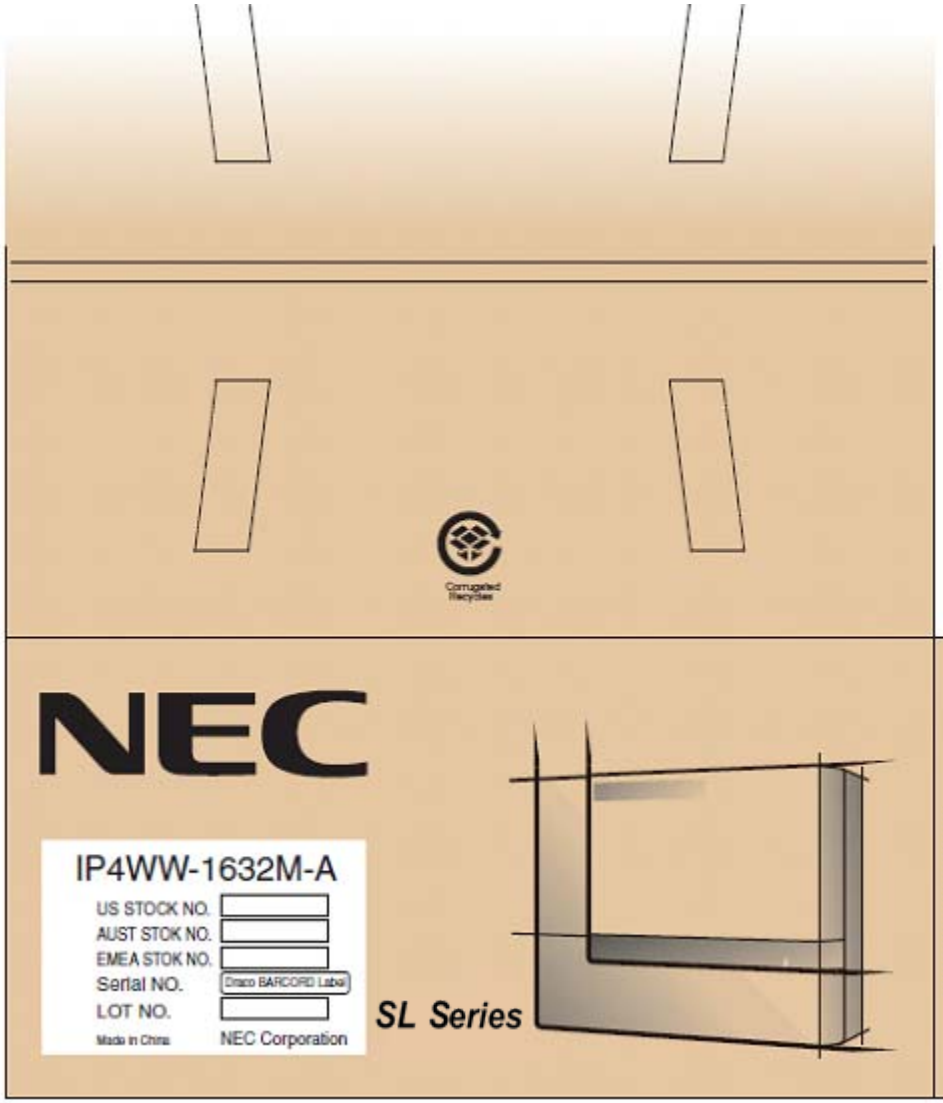


New Designed PCPRO / Web PRO / User PRO

Local / Remote Access

Packing Box Design

Packing Box Design (KSU)



<Size (mm)> : 440(W) x 353 (D) x 223 (H)

Label Design (KSU) & Accessories Box

Label Design

IP4WW-1632M-A

US STOCK NO.	(BARCORD)
AUST STOK NO.	(Number)
EMEA STOK NO.	(BARCORD)
Serial NO.	Draco BARCORD Label
LOT NO.	(Number)

Made in China NEC Corporation

IP4WW-1632ME-A EXP

US STOCK NO.	(BARCORD)
AUST STOK NO.	(Number)
EMEA STOK NO.	(BARCORD)
Serial NO.	Draco BARCORD Label
LOT NO.	(Number)

Made in China NEC Corporation

Accessories Box

<Size (mm)> 300 (W) x 300 (D) x 54 (H)

Packing Box Design (Terminal)

This box will be used for DSS Console as well. There will be a TEL Drawing (abstract design) on the box, but exact DSS Drawing will be indicated on the Label.

<Size (mm)> 275 (W) x 202 (D) x 105 (H)

Label Design (Terminal)

SL1000

<Meaning of Indication>

A : SL1000 Terminal
B : SL1100 Terminal
C : IP Terminal

<Meaning of Indication>

12 : 12 Keys
24 : 24 Keys

IP4WW-24TXH-B-TEL (WH)

US STOCK NO. (BARCORD)
AUST STOCK NO. (Number)
EMEA STOCK NO. (BARCORD)
Serial NO. (BARCORD)
LOT NO. (Number)
Made in China

Link

B	24
WHITE	

NEC Corporation

<Meaning of Indication>
Terminal Color

IP4WW-12TXH-A-TEL (BK)

US STOCK NO. (BARCORD)
AUST STOCK NO. (Number)
EMEA STOCK NO. (BARCORD)
Serial NO. (BARCORD)
LOT NO. (Number)
Made in China

A	12
BLACK	

Corporation

TEL Drawing on the Label will be exactly same with contained Terminal.

Empowered by Innovation

NEC