

Smart Communication Server

SL1000

**Affordable, Efficient and
IP Enabled Solution**



Office Communication in a Box

SL1000 – Benefits

SL1000 is an intelligent cost-effective telecommunication system that is equipped with capability to adapt functions for immediate and emerging business needs.

AFFORDABILITY



Handy and Useful Functions

SL1000 is equipped with rich Built-in functions that improve the employees' communication environment, contributing to save the Total Cost of Ownership.

Hybrid Concept

SL1000 provides Hybrid ports, realizing seamless integration of multiline terminal, single line telephones, facsimiles, and more without complex settings.

Scalable Architecture

SL1000 starts from 4 trunk lines and 8 extensions, scales up to 128 extensions (230 ports). The system is flexible to suit any changing demands of communication infrastructure.

EFFICIENCY

EASY

Productive Communication

Increase efficiency by fully utilizing features such as, Conference, Automated Attendant, Call Forwarding and more, in the system for a productive office communication environment.

Web-based Manager

The terminal and system setting are easily customizable to suit the user's preference.

Unique Features

Office / Home Guard functions are provided. Also Mobile Extension feature provides "Mobility".

IP Telephony



IP-Enabled

SL1000 is ready with the capability of VoIP (Voice over IP) trend, or for possible change in the future for both H.323 and standard SIP (Session Initiation Protocol) trunks and extensions.

Feature Rich IP Terminal

SL1000 provides 24-key IP terminal, having the same usage as a multiline terminal in the office IP environment. And this IP terminal can be located out of office as Remote Extension.

ECOLOGY



Lower Power Consumption

SL1000 uses less power consumption than most legacy systems. It is approximately 25%* lower than previous models, and reduces the total cost of ownership by minimizing the office electricity expense, at the same time saving the environment by going green.

* Comparison with our conventional model.

Power Saving Mode

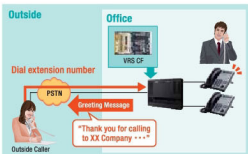
SL1000 allows automatic standby mode during office closing hours. This feature saves the system's energy when it is not in use, and increases its overall performance.

SL1000 - Advanced & Unique Solutions

Unified Messaging

Voice Response System (VRS)* *Option required.

Voice Response System (VRS) provides various voice features such as Automated Attendant, Voice Announcement, Greetings, and others to increase productivity. Initially 4 channels are equipped, and this can be expanded up to 16 channels in case of multiple users, or for frequent use. In addition, SL1000 also provides multiple levels of Automated Attendant (up to 48 greeting messages) that guides callers to reach the desired extension or group without going through a telephone operator.



Voice Mail* *Option required.

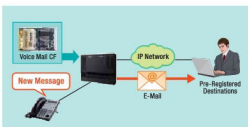
Loss of message is a loss of opportunity. SL1000 has a powerful Voice Mail solution to eliminate any lost messages, with a choice of either 15 hours or 40 hours recording time. Voice mail operation and access to the mail box is easy from the terminal.

Message Notification

When an external caller leaves a voice message at the employees' extension, SL1000 automatically places a call to the pre-assigned number (another extension, mobile phone, home, etc) and sends a notification informing they have received a new message.

Conversation Recording

Users may record and store telephone conversations into the users Voice Mail Box and playback the recorded conversations anytime.



Mobility (Dual Forking)

Mobility is the key to success in expanding business. Mobile phone can be set as the answering terminal when the users are out of the desk/office. No more missing important calls when the users are outside of office. This is the benefit for you that your own Mobile/GSM behaves like an internal extension. This feature is recommendable for sales office, business person who are frequently out of office/town. Also suited for factory and warehouse having wide area/space.



Office / Home Guard

Auto Warning Message

Use the terminal as a tool for reminder. Messages or conversations can be recorded and played back automatically on a periodic schedule over the key telephone's built-in speaker to simulate human presence in the surroundings.

Alarm Sensor Support

An Alarm Sensor Support is already built-in. Warn intruders when there is a forced break-in, and have protection against vandalism. Connect a 3rd Party Passive Infrared Sensor (PIR) or motion detectors to the SL1000 and take advantage of the built in alarm system. A pre-recorded warning message can be played back through the built in speaker of the telephone or a paging speaker as a siren, triggered by the PIR sensors.

<NOTE> This is not a real security system. Consult your local supplier/dealer in case you require to set auto call facility to a specific destination.



SL1000 – Built-in Features

SL1000 delivers plenty of built-in features for your needs.

1. Built-in Voice Messaging

Increase productivity of handling incoming calls by Built-in Auto-Answering function. SL1000 is initially built-in with an Auto-Answering feature without additional hardware, and is able to record up to 4 greeting messages by the users. It also keeps up to 10 messages to be recorded from outside.

2. Caller-ID

Acknowledge who has been contacting your office by Caller-ID feature. SL1000 can interface the Caller-ID trunk from Telco, and the information can be displayed on all type of terminals. In addition, incoming ring tone can be set against specified Caller-ID numbers, allowing identification by ring tone.

3. Group Listening

Group Listening function allows you to broadcast your conversations via built-in speaker on the multiline terminal. This enables your surrounding parties to listen to the conversation.

4. Conference

Join a conference without even leaving the desk. This feature allows you to set up a teleconference between internal and/or external parties. (maximum 16 participants per group, total 32 participants simultaneously) Also Remote Conference is available for internal and/or external parties can access to virtual conference room with password.

5. Hotline

Ideal feature for reception, security guard houses, parking attendants, and etc. Set up the terminal for dedicated use. This function allows you to call a pre-assigned extension or external number by just lifting the handset without dialing any numbers.



6. Day / Night Mode

Employers can control Day/Night mode for incoming calls after working hours and at the same time controlling outgoing calls after working hours. SL1000 provides up to 8 system modes which can be switched either automatically or manually. Each mode can be configured to redirect all calls towards specified extensions or groups that match your requirements effectively.

7. Call Forwarding

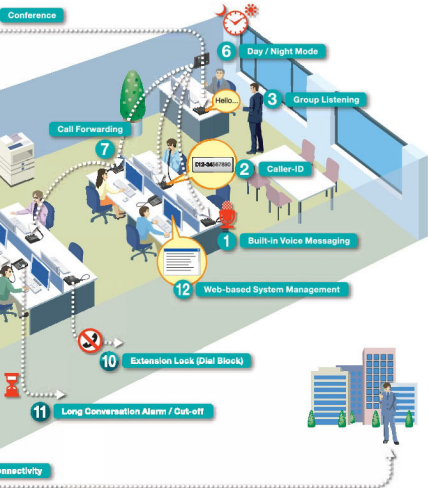
No more hassle for the customers to be reaching an employee who's not at their desk. Call Forwarding feature enables incoming calls to be redirected automatically to another extension or an external number (mobile phone, home and etc.).

8. Doorphone Connectivity

SL1000 provides proprietary doorphone terminal connections at the front door. Additionally, if nobody is in the office, then there is an option that the doorphone ring can be forwarded to your mobile/home.

9. Toll Restriction

Toll Restriction feature prohibits specified extensions from accessing unauthorized numbers which have been pre-programmed into the restriction table. A total of 15 restriction classes can be assigned to each extension.



10. Extension Lock (Dial Block)

Extension Lock (Dial Block) feature prevents unauthorized personnel from making calls from your extension while you are away from your desk. Feature can be switched on or off by entering a security code.

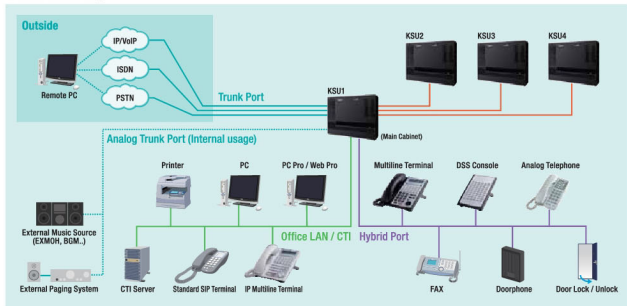
11. Long Conversation Alarm / Cut-off

Manage the length of the conversation for cut down of the communication cost and higher efficiency for the employees. This alarm feature provides callers a beeping tone periodically to remind them, also cut-off feature can be used to disconnect external calls forcefully after the pre-programmed time limit.

12. Web-based System Management

Administration of the system has never been easier with the intuitive Graphical User Interface (GUI). Your own PC can be connected to SL1000 to let you edit/change/manage various terminal settings.

Connection Diagram



Design & Specifications & Capacity

Terminal Design

Call Indicator / Message Wait

Changeable Sheet

Programmable Keys

Feature Keys

Navigation Key



- Incoming Call History (Miss Calls)
- Outgoing Call History (Redial)
- Check/Edit Speed Dial
- Directory
- Station Name
- Volume Up/Down



Specifications

AC Power Input	90 VAC to 264 VAC, 50/60Hz
Power Consumption	172VA @220V-AC (per KSU Cabinet)
Environment	Temperature: 0°C - 40°C (32°F -104°F)
Humidity	10% - 90% (non-condensing)
Dimension	378mm(W) x 115mm(D) x 290mm(H) (for KSU)

Capacity

Number of KSU (Key Service Unit / Main Cabinet)	1 KSU	2 KSU	3 KSU	4 KSU	
Total Ports	66	132	198	230	
Trunk Ports	Maximum Capacity	42	84	126	126
	Analog	16	32	48	48
	ISDN BRI	12	24	36	36
	ISDN PRI/E1 (2M)	30	60	90	90
	IP Trunk (SIP/H.323)	16	16	16	16
	External Paging Speaker	1	2	3	3
	External MOH (Music On Hold)	1	1	1	1
Extension Ports	BGM (Back Ground Music)	1	1	1	1
	Maximum Capacity	32	64	96	128
	Multi-Line Terminal	24	48	72	96
	Analog Terminal	32	64	96	128
	IP Terminal (IP-Multi Line/Standard-SIP)	16	16	16	16
	DSS Console	3	6	9	12
Door phone	2	4	6	8	
Virtual Extension Port	50	50	50	50	
Power Failure Circuit	4	8	12	12	
Door Relay	2	4	6	8	
Ethernet Port	1	1	1	1	
Built-In Answering Machine Channel	1	1	1	1	
VRS (Voice Response System) Channel	4	16	16	16	
In-Mail (Voice Mail) Channel	8	16	16	16	
Analog Modem	1	1	1	1	

Terminal Lineup

12key Multiline Terminal

24key Multiline Terminal

24key IP Multiline Terminal

60key DSS Console

(For any Multiline Terminal)



24key model, White



12key model, Black

Available in Black and/or white for all terminal types



60key DSS, Black (with 24key Multiline)



60key DSS, White (with 12key Multiline)

Available in Black and/or white

Other Terminals

Doorphone

- DP-D-1D1/A

Analog Terminal

- AT-35
- AT-40
- AT-45

Green Initiative and Ecology System

NEC has always been at the forefront when it comes to technological innovations, many of which are related to environmental protection. Our green initiatives are responsible for lowering the energy consumption of products, complying with green manufacturing standards, eliminating chemicals that increase CO2 emissions and using chemicals that are environmentally safe (e.g. eliminating lead and mercury from circuit boards). We are committed to the effective application of an environmental management system that meets ISO 14001:2004 requirements. We are reducing our consumption of materials in all operations and re-use materials wherever possible, by promoting recycling and the use of recycled products.

- Designs and specifications of this product is subject to change without prior notice.
- System features and terminal models may vary between countries, please consult with your local supplier/dealer for its availability.

NEC Asia Pacific Pte Ltd

www.nec.com.sg

Email: privatetnetworks@nec.com.sg

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