\Orchestrating a brighter world

NEC

Smart communications for
Small Businesses, SoHo and more

SL2100 Communication System

Cost-effective, feature-rich & VoIP-ready solution with more IP technology built-In

The SL2100 works at a number of levels: a cost-effective VoIP enabled phone system, an easily expanded solution with entry-level unified communications or a reliable TDM based PBX with excellent upgrade potential.

Much of the technology is built-in reducing the need for extra hardware, licensing and maintenance, all contributing to sharp price point and low running costs.

These features enable the user to meet the demands of today's business including mobility, security, connectivity and ensuring customer service levels are kept at a premium.

As a premises-based system – the SL2100 provides reliability, reducing the risk of downtime.

Built-in features

> VoIP enabled
> Voicemail
> Music on hold
> Mobility / Homeworking
> Auto Attendant
> Audio Conferencing
> Video Conferencing & Collaboration (licence required)
> Call Recording

At a Glance

> Designed from 4 ports upwards
> ISDN BRI & PRI/Analogue/SIP trunks
> Digital/Analogue/IP Extensions
> On-board Applications
> Built in features
> Wall/rack mountable
> Simple installation
> Simple operation
> Highly featured phone functionality

"NEC provides further reassurance as a financially stable company with over 100 years technological experience"

www.NECSL2100.com

SL2100 Communication System

System characteristics

Chassis dimensions	435 x 92.9 x 330 mm / 2.2Kg
Chassis power supply	90-264 VAC (50/60Hz) 143-182 VA
Compliance	The SL2100 carries a CE mark and complies with: EMC: EN55032 Emission, EN55024 Immunity, EN61000 Powering Safety: EN60950-1 Transmission and signalling: TBR3 (ISDN Basic Rate Access), TBR4 (ISDN Primary Rate Access), TBR8 (ISDN 3.1KHz audio service), ES203-02, TBR38 (Analogue transmission)

CPU option

CPU option	CPU-C1	CPU-C1-A
Built-In Answering Machine Channel / VRS Channel	4	4
Built-in VRS Messages	100	100
Built-in Voicemail Channel	0	4
Built-in Voicemail Storage	0	2 hours
Built-in IP resources	8	8
Built-in SIP trunk licenses	0	4
Built-in IP Extension licenses	0	4

Number of chassis

Number of chassis		1	2	3
Total Ports			240	
Trunk Ports	Maximum	42	84	126
	Analog	12	24	36
	ISDN BRI	16	32	48
	ISDN PRI	30	60	90
	IP Trunk (SIP/H.323)		64	
Extension Ports	Maximum	54	92	130
	Multi-Line Telephone (MLT)	24	48	72
	Single Line Telephone (SLT)	32	64	96
	IP Terminal (SIP-MLT/Std.)		112	
	DSS Console-A	3	6	9
	DSS Console-B		12	
	Door phone		6	
Virtual Extension Port			50	
External Paging			3	
External MOH			1	
BGM			1	
Relay Contacts			11	
Ethernet Port			1	
Analog Modem			1	

Category	Hardware Name	Description	1	2	3
System	IP4WW-Battery Box	External Battery Box	1	2	3
	IP7WW-4KSU-C1	SL2100 Chassis	1	2	3
	IP7WW-EXIFE-C1	Interface card for Expansion Chassis	0	1	2
Option Items on CPU	IP7WW-EXIFB-C1	Interface Card to Expansion Chassis + 16 channel VRS/InMail expansion	1	-	-
	IP7WW-VOIPDB-C1	VoIP Resource Expansion Card	1	-	-
	IP7WW-SDVMS-C1	15 hour voicemail storage expansion	1	-	-
	IP7WW-SDVML-C1	120 hour voicemail storage expansion	1	-	-
Expansion Cards	IP7WW-308U-A1	3 Analog Trunks + 8 Hybrid Extensions card.	4	8	12
	IP7WW-082U-B1	8 Digital + 2 SLT Extensions card			
	IP7WW-008U-A1	8 Hybrid/SLT Extensions card			
	IP7WW-000U-C1	0 Trunk/Extension Card for ISDN BRI/PRI or 3COIDB			
	IP7WW-3COIDB-C1	3 Analog Trunks Daughter Board	4	8	12
	IP7WW-2BRIDB-C1	2 ISDN BRI Daughter Board			
	IP7WW-1PRIDB-C1	1 ISDN PRI Daughter Board	1	2	3

For further information please contact NEC EMEA or:

EMEA (Europe, Middle East, Africa)
NEC Enterprise Solutions
www.nec-enterprise.com

System characteristics

Chassis dimensions	435 x 92.9 x 330 mm / 2.2Kg
Chassis power supply	90-264 VAC (50/60Hz) 143-182 VA
Compliance	The SL2100 carries a CE mark and complies with:

EMC	EN55032 Emission, EN55024 Immunity, EN61000 Powering
Safety	EN60950-1
Transmission and signalling	TBR3 (ISDN Basic Rate Access)
	TBR4 (ISDN Primary Rate Access)
	TBR8 (ISDN 3.1KHz audio service)
	ES203-021, TBR38 (Analogue transmission)

CPU option

	CPU-C1	CPU-C1-A
Built-In Answering Machine Channel / VRS Channel	4	4
Built-in VRS Messages	100	100
Built-in Voicemail Channel	0	4
Voicemail Channel expansion	16	16
Built-in Voicemail Storage	0	2 hour
Voicemail storage expansion	15/120 hour	15/120 hour
Built-in VoIP resources	8	8
VoIP resource expansion	16~128	16~128
Built-in SIP trunk licenses	0	4
Built-in IP Extension licenses	0	4
Built-in Mobile Extension licenses	4	4
Built-in Web video conference sessions	4	4

Capacity Table

		TXH-A terminals		
Number of chassis		1	2	3
Total Ports		240		
Trunk Ports	Maximum	42	84	126
	Analog	12	24	36
	ISDN BRI	16	32	48
	ISDN PRI	30	60	90
	IP Trunk (SIP/H.323)	64		
Extension Ports	Maximum	48	80	112
	Multi-Line Telephone (MLT)	24	48	72
	Single Line Telephone (SLT)	32	64	96
	IP Terminal (SIP-MLT/Std.)	112		
	DSS Console	3	6	9
	Door phone	6		
Virtual Extension Port		50		
External Paging		3		
External MOH		1		
BGM		1		
Door Relay		11		
Ethernet Port		1		
Analog Modem		1		

Capacity Table		TXH-B terminals		
Number of chassis		1	2	3
Total Ports		240		
Trunk Ports	Maximum	42	84	126
	Analog	12	24	36
	ISDN BRI	16	32	48
	ISDN PRI	30	60	90
	IP Trunk (SIP/H.323)	64		
Extension Ports	Maximum	54	92	128
	Multi-Line Telephone (MLT)	24	48	72
	Single Line Telephone (SLT)	32	64	96
	IP Terminal (SIP-MLT/Std.)	112		
	DSS Console	12		
	Door phone	6		
Virtual Extension Port		50		
External Paging		3		
External MOH		1		
BGM		1		
Door Relay		11		
Ethernet Port		1		
Analog Modem		1		

Hardware Table – Terminals are connected			TXH-A terminals		
Category	**Hardware Name**	**Description**	1 chassis	2 chassis	3 chassis
System	IP7WW-KSU-C1	SL2100 Chassis	1	2	3
	IP7EU-CPU-C1	SL2100 CPU card	1	-	-
	IP7EU-CPU-C1-A	SL2100 CPU card	1	-	-
	IP7WW-EXIFE-C1	Interface card for Expansion Chassis	0	1	2
	IP4WW-Battery Box	External Battery Box	1	2	3
Option Items on CPU	IP7WW-EXIFB-C1	Interface Card to Expansion Chassis + 16 channel VRS/InMail expansion	1	-	-
	IP7WW-VOIPDB-C1	VoIP Resource Expansion Card	1	-	-
	IP7WW-SDVMS-C1	15 hour voicemail storage expansion	1	-	-
	IP7WW-SDVML-C1	120 hour voicemail storage expansion	1	-	-
Expansion Cards	IP7WW-308U-A1	3 Analog Trunks + 8 Hybrid Extensions card	4	8	12
	IP7WW-008U-C1	8 Hybrid/SLT Extensions card	4	8	12
	IP7WW-000U-C1	0 Trunk/Extension Card for ISDN BRI/PRI or 3COIDB	4	8	12
	IP7WW-3COIDB-C1	3 Analog Trunks Daughter Board	4	8	12
	IP7WW-2BRIDB-C1	2 ISDN BRI Daughter Board	4	8	12
	IP7WW-1PRIDB-C1	1 ISDN PRI Daughter Board	1	2	3

Hardware Table – Terminals are connected			TXH-B terminals		
Category	Hardware Name	Description	1 chassis	2 chassis	3 chassis
System	IP7WW-KSU-C1	SL2100 Chassis	1	2	3
	IP7EU-CPU-C1	SL2100 CPU card	1	-	-
	IP7EU-CPU-C1-A	SL2100 CPU card	1	-	-
	IP7WW-EXIFE-C1	Interface card for Expansion Chassis	0	1	2
	IP4WW-Battery Box	External Battery Box	1	2	3
Option Items on CPU	IP7WW-EXIFB-C1	Interface Card to Expansion Chassis + 16 channel VRS/InMail expansion	1	-	-
	IP7WW-VOIPDB-C1	VoIP Resource Expansion Card	1	-	-
	IP7WW-SDVMS-C1	15 hour voicemail storage expansion	1	-	-
	IP7WW-SDVML-C1	120 hour voicemail storage expansion	1	-	-
Expansion Cards	IP7WW-082U-B1	8 Digital + 2 SLT Extensions card	4	8	12
	IP7WW-008U-C1	8 SLT Extensions card	4	8	12
	IP7WW-000U-C1	0 Trunk/Extension Card for ISDN BRI/PRI or 3COIDB	4	8	12
	IP7WW-3COIDB-C1	3 Analog Trunks Daughter Board	4	8	12
	IP7WW-2BRIDB-C1	2 ISDN BRI Daughter Board	4	8	12
	IP7WW-1PRIDB-C1	1 ISDN PRI Daughter Board	1	2	3

Licenses Table		CPU-C1
Category	License Name	Description
IP Related	SL2100 IP TRUNK-01 LIC	Required for SIP trunks 1~64
	SL2100 IP EXT-01 LIC	Required for IP extensions 1~112 (not required for 8IPLD)
	SL2100 IP CHANNEL-16 LIC	Additional 16 IP resources when VOIPDB card is installed, max = 7
	SL2100 ENCRYPTION LIC	Encryption for IP terminals (8IPLD, DT820, DT830)
System Features	SL2100 VM E-MAIL NOTIFY LIC	InMail e-mail notification
	SL2100 HOTEL LIC	Hotel features
	SL2100 PMS LIC	Hotel PMS interface
	SL2100 REMOTE CONF-01 LIC	Conference Bridge (Remote Conference) max = 4
	SL2100 XMLPRO LIC	XMLPro system configuration interface
	SL2100 3RD CTI LIC	3rd Party CTI
	SL2100 IN-ACD LIC	ACD Features
	SL2100 ACD P-EVENT LIC	ACD P-event interface
Client	SL2100 MOBILE EXT-01 LIC	Additional Mobile Extension 5~112 (4 included)
	SL2100 IN-UC WEB CLIENT-01 LIC	InUC User 1~128
	SL2100 WEB VIDEO CNF-01 LIC	Additional Web video Conference 5~32 (4 included)
	SL2100 IN-UC 1st CTI-01 LIC	Web Client Deskphone Control 1~112
On Board Applications	SL2100 INGUARD LIC	Toll Fraud Guard
	SL2100 INREPORTS LIC	Call Management and reports
	SL2100 INHOTEL LIC	Hotel Front of House
Local Applications	MyCalls Call Manager	System Call Management, monitoring & reporting
	MyCalls Call Centre	ACD Call Management, monitoring & Reporting
	MyCalls Console	System Operator application

Licenses Table		CPU-C1-A
Category	**License Name**	**Description**
IP Related	SL2100 IP TRUNK-01 LIC	Required for SIP trunks 5~64 (4 included)
	SL2100 IP EXT-01 LIC	Required for IP extensions 5~112 (not required for 8IPLD) (4 included)
	SL2100 IP CHANNEL-16 LIC	Additional 16 IP resources when VOIPDB card is installed, max = 7
	SL2100 ENCRYPTION LIC	Encryption for IP terminals (8IPLD, DT820, DT830)
System Features	SL2100 VM E-MAIL NOTIFY LIC	InMail e-mail notification
	SL2100 HOTEL LIC	Hotel features
	SL2100 PMS LIC	Hotel PMS interface
	SL2100 REMOTE CONF-01 LIC	Conference Bridge (Remote Conference) max = 4
	SL2100 XMLPRO LIC	XMLPro system configuration interface
	SL2100 3RD CTI LIC	3rd Party CTI
	SL2100 IN-ACD LIC	ACD Features
	SL2100 ACD P-EVENT LIC	ACD P-event interface
Client	SL2100 MOBILE EXT-01 LIC	Additional Mobile Extension 5~112 (4 included)
	SL2100 IN-UC WEB CLIENT-01 LIC	InUC User 1~128
	SL2100 WEB VIDEO CNF-01 LIC	Additional Web video Conference 5~32 (4 included)
	SL2100 IN-UC 1st CTI-01 LIC	Web Client Deskphone Control 1~112
On Board Applications	SL2100 INGUARD LIC	Toll Fraud Guard
	SL2100 INREPORTS LIC	Call Management and reports
	SL2100 INHOTEL LIC	Hotel Front of House
Local Applications	MyCalls Call Manager	System Call Management, monitoring & reporting
	MyCalls Call Centre	ACD Call Management, monitoring & Reporting
	MyCalls Console	System Operator application

On-board Application	
InUC	Web Client, Instant Messaging, Presence, Web Video
InGuard	Toll Fraud Guard
InReports	Call Management and monitoring
InHotel	Hotel room management, reservations & billing

Local Application	
MyCalls Call Manager	System Call Management, monitoring & reporting
MyCalls Call Centre	ACD Call Management, monitoring & Reporting
MyCalls Console	System Operator application
MyCalls Call Recorder	Analogue/ISDN/SIP Trunk Call recorders

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