Release Notes

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SL1x00 V7.20

Product	-	SL1000 & SL1100
Version	-	Release V7.20
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Contents

1   INTRODUCTION

This FCO provides information about the Maintenance Release of Univerge SL1000 & SL1100 Main Software.

SL1000 & SL1100 Main Software V7.20

2   IDENTIFICATION

This release is SL1000 / SL1100 Main Software V7.20.

3   Associated Products

MEMDB card (Optional memory expansion card) for the SL1x00.
The MEMDB card is loaded with a copy of the Main Software, see upgrade instructions later in this document.

4   COMPATIBILITY

Any SL1000 / SL1100 can be upgraded with this system software.

4.1   SL1x00 System

V7.13 software is compatible with all SL1x00 systems.

4.2   PCPro

The following PCPro Application is compatible with SL1x00 Main software V7.13

SL1x00 Main Software	Compatible PCPro
V7.20	V7.20.xx

.xx is any number 00-99.

4.3   IPDECT

The following IPDECT DAP firmware is compatible with SL1x00 Main Software V7.20

SL1x00 Main Software	Compatible DAP Firmware
V5.11 or later	4910b62b 4920b62b

Note - DAP Firmware compatibility is due to a change in the system Server Agent implemented in SL1x00 Main Software V5.11, therefore when upgrading the SL1x00 Main Software to V5.11 or later, you must ensure the DAP firmware is also upgraded, otherwise the DAPs will not function.

4.4   TAPI and Toll Fraud Guard

If running 3rd Party TAPI and Toll Fraud Guard, TAPI will not start after a reboot of the SL1x00 (for example upgrade) if the Toll Fraud Guard is running.

Please stop the Toll Guard from the Application Manager and then run the TAPI applications installed at site. When TAPI applications running successfully, start the Toll Fraud Guard.

5   UPGRADE INSTRUCTIONS

It is always advisable to save the system configuration prior to any upgrade.

This can be taken either with PCPro or by installing a blank CF card into the PZ-VM21 card installed in the system and use PRG90-03 (Save Data), use 90-04 (Load Data) to re-load the data to the system.

5.1   There are two methods that you can use to upgrade the system software.

1.   Using a compact flash card installed in the PZ-VM21 card,
2.   Using PCPro

Method 1 can be used with/without the MEMDB card installed in the system.

Method 2 can also be used with/without the MEMDB card is installed in the system BUT you must select the correct package to upload to the system.

- With a MEMDB card installed use the **.pkg** file
- Without the MEMDB card installed use the **.nomem** file

5.2   Overview of SL1x00 software on the CPU card and MEMDB card.

The SL1x00 has two locations that the Main Software can be loaded.

- In the memory of the CPU card
- In the memory of the MEMDB card

If MEMDB card is NOT installed

The SL1x00 will run using the software loaded onto the CPU card.

With MEMDB card installed

The SL1x00 will run using the software loaded onto the MEMDB card; this software contains the additional files for VOIP, Expansion KSU etc.

The software files on the CPU card are not used when the MEMDB card is installed.

5.2.1 Method 1 - To perform a system software upgrade by Compact Flash Card:

Note.

You will require the following parts:

- Compact Flash card (9600 589 91489 or compatible) with the SL1x00 software files loaded to the root directory.
- PZ-VM21 (BE106339) card if there is not one already installed in the system.

- You must be on site to perform this method of upgrade.
- This method will upgrade the software on the CPU card and the MEMDB card (if installed).

If Expansion KSU(s) are installed, turn the power on/off in the order of Expansion 3 KSU, Expansion 2 KSU, Expansion 1 KSU and then Main KSU.

1. Power off the system and disconnect the AC cord from the KSU.
2. Remove the Sub-Cover.
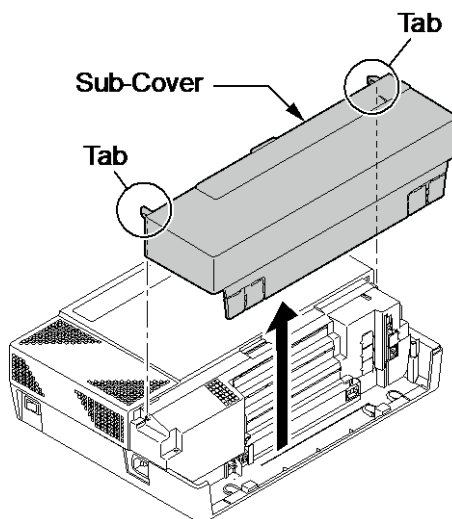
Figure 5-1 Removing the Sub-Cover

3. Loosen two screws and remove the Main-Cover.
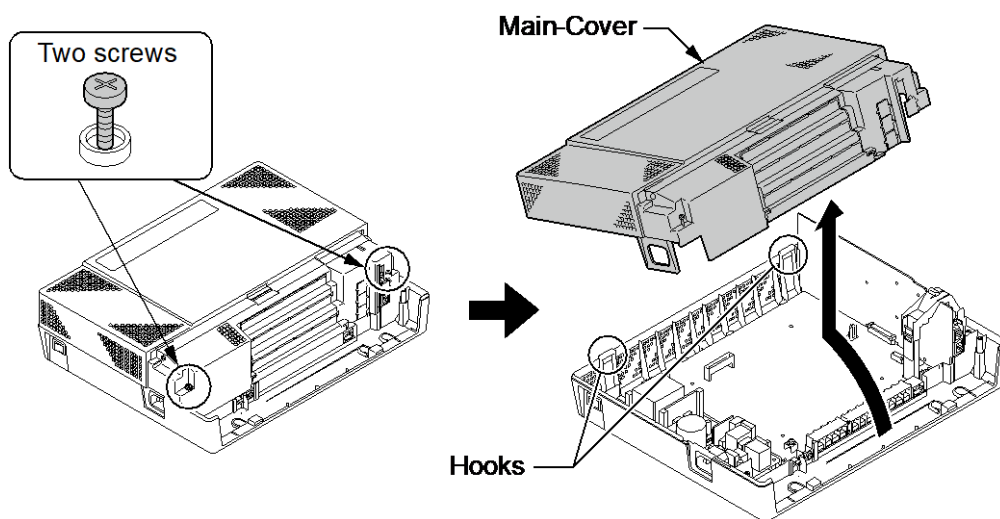
Figure 5-2 Removing the Main-Cover

4. Insert the CF card (with the new main system software loaded) to the CF slot on PZ-VM21 daughter board. (PZ-VM21 should be temporary installed if the system does not have it.)
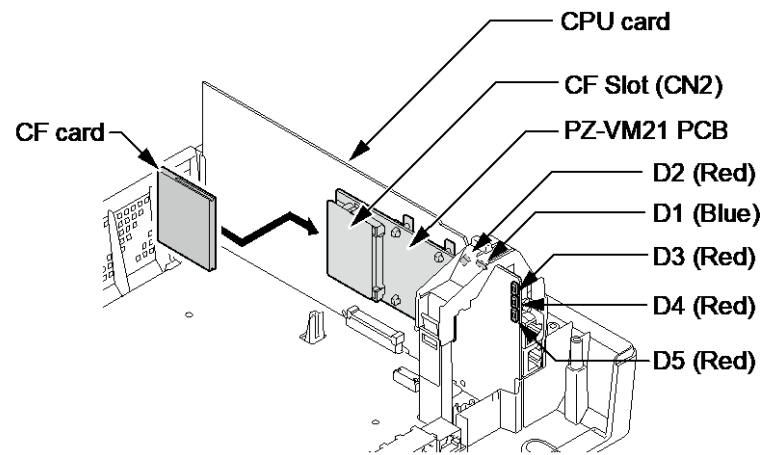
Figure 5-3 Inserting the CF card

5. Push in and hold the Load button (S1 on the CPU card).
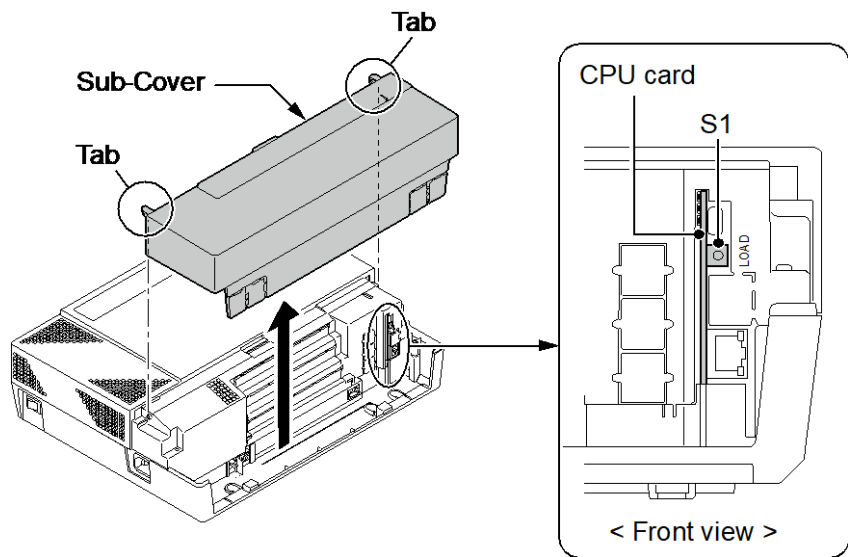
Figure 5-4 Load Button (S1) Location

6. Turn the system power on.
7. Continue holding the Load button (S1) for approximately 10 seconds or until Status LED (D5) starts flashing red.
8. Release the Load button (S1).
9. Wait until the Status LEDs (D2 to D5) on the CPU card has the following indications (approximately two minutes).

Table 5-1 Status LEDs

LED No.	Indication	Remarks
D2	Flashing Red	
D3	Flashing Red	
D4	Flashing Red	
D5	Off	

10. Turn the power off and remove the CF card from the CF slot on PZ-VM21. (Replace the CFVRS/CFVMS compact flash card if you removed it at step 4 or remove the PZ-VM21 if you used a temporary card).

CPU card

CF Slot (CN2)

CF card

PZ-VM21 PCB
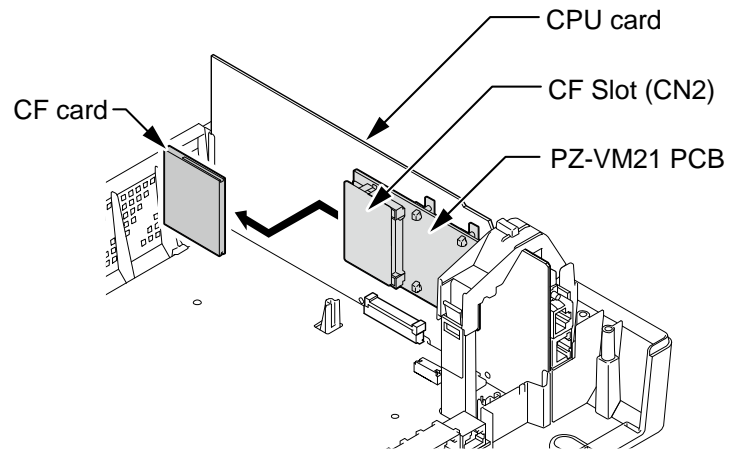
Figure 5-5 Removing the CF card

11. Replace the Main-Cover and Sub-Cover.
12. Turn the system power back on.
13. When the system has completed reloading the software, the RUN LED (D1) is flashing blue.

- To confirm the new software version number, press the Navigation key on any display telephone to view the system version number.

5.2.2 Method 2 MEMDB - To perform a system software upgrade of the MEMDB: Using PCPro (MEMDB card installed in SL1x00)

Note.

You will require the following parts:

- SL1x00 PCPro Application loaded onto a PC that has a connection to the Ethernet socket on the SL1x00.
- You can use this method of upgrade either on site or remotely via an ISDN dial in or VPN connection (If the upgrade fails, e.g. due to a loss on remote connection, the SL1x00 will start up using the software loaded onto the CPU card).
- This will upgrade the software files on the MEMDB card installed in the SL1x00.

1. Obtain the firmware package file from NEC (.pkg file).
2. Open and login to PCPro.
3. Connect to the system.
4. Under the Communications menu, choose the **Firmware Update** option.
5. In the Firmware Update Type Window, Select the Firmware Update From PCPro and Click OK.
6. In the firmware update window, browse to the location of the Firmware Package file. For example, the file name might be 'MainSWv0.36.pkg'.
7. Select the schedule type :
   - Immediately after upload
   - At the time ...
   - *If you choose At the time…, select the date and time you want the CPU Unit to reset and switch over to the new software version.*
8. Click **Run (Start)**. PCPro uploads the firmware package file, and updates the system at the time you specified in step 7.
9. Once finished system will reset itself.

   When System reset PCPro will automatically disconnect.

5.2.3 Method 2 CPU - To perform a system software upgrade of the CPU: Using PCPro (No MEMDB card installed in SL1x00)

Note.

You will require the following parts:

- SL1x00 PCPro Application loaded onto a PC that has a connection to the Ethernet socket on the SL1x00.
- You should use this method of upgrade on site only (As you will be replacing the software on the CPU card any failure of the upgrade will cause the SL1x00 to not start up – you must then upgrade the software with a Compact Flash card installed in the PZ-VM21, see method 1 above).
- This will upgrade the software files on the CPU card installed in the SL1x00.

1. Obtain the firmware package file from NEC (.nomem file).
2. Open and login to PCPro.
3. Connect to the system.
4. Under the Communications menu, choose the **Firmware Update** option.
5. In the Firmware Update Type Window, Select the Firmware Update From PCPro and Click OK.
6. In the firmware update window, browse to the location of the Firmware Package file. For example, the file name might be 'MainSWv0.36.nomem'.
7. Select the schedule type :
   - Immediately after upload
   - At the time ...
   - *If you choose At the time…, select the date and time you want the CPU Unit to reset and switch over to the new software version.*
8. Click **Run (Start)**. PCPro uploads the firmware package file, and updates the system at the time you specified in step 7.
9. Once finished system will reset itself.

   When System reset PCPro will automatically disconnect.

InApps after Main Software upgrade

Upgrading the main software removes some of the InApp files (InGuard, InHotel, InReports…not applicable to InUC).

Any configuration files or data are not affected.

Installing the relevant InApp will correct the issue.

6   FUNCTIONAL CHANGES

There are no functional changes included, this version contains security enhancements only.

It is always recommended to upgrade to the latest version.

7   SOLVED PROBLEMS

7.1   List of Solved Problems

None

8   KNOWN PROBLEMS

None.

9   SECURITY

All ICT installations are at risk of unauthorized intrusion and subsequent misuse. Such intrusions may result in significant losses to the company affected, including but not limited to financial liabilities, data privacy breach, intellectual property, material assets and associated labour or legal costs.

NEC products contain a variety of features designed to help prevent and combat such misuse. To assure their effectiveness it is essential that such features are configured, deployed and maintained in an appropriate manner by the installing party in consultation with the user of the equipment.

The ultimate responsibility for assuring the overall security of the ICT installation resides with the using company. The effectiveness of their security measures depends on the quality and rigorousness of implementation of their security policy by ICT administrators and their user community.

Information about the security features in NEC products and how to configure them is contained within the product documentation.

There are no specific additions or amendments to security features in this release.

10   MATERIALS

10.1   Physical Distribution

N/A

10.2   On-line Distribution

Any software related to this release can be downloaded from the software database on BusinessNet. http://businessnet.nec-enterprise.com.

11   Appendix – A

11.1   List of Solved Problems in Previous Releases

V1.50 Main Software

The following externally reported problems are solved with this upgrade:

Reference	External Reference	Sales Channel	Level Update
A111019001	Combined paging in 31-07 provides options for external groups 4~7 which do not exist in an SL1x00.		V1.4h

The following internally reported problems are solved with this upgrade:

Reference	Description	Sales Channel	Level Update
F111205001	When PRG99-01-33 is set to 1 the caller name information the network provides is ignored	UAE	V1.4j
F120104001	UAE Caller ID Problem(PRG99-03-76)	UAE	V1.4n
MRDB2236	Queue Message Free of Charge(PRG99-03-74)	In Germany waiting time including Queue Messages must be free of charge to the caller.	V1.4n
F111222002	Modification of Call rerouting feature	UK	V1.4n

V1.51 Main Software
The following problems are solved with this upgrade:

Reference	Description	Sales Channel	Level Update
	Display text corrections <u>German</u> Wrong encoding for umlauts - "üE" problem <u>French / Dutch</u> Corrupted accented characters		V1.51

V2.00 Main Software
The following problems are solved with this upgrade:

Reference	External Reference	Sales Channel	Level Update
F111026001	ITE32089		V2.00
F111004014	ITE33993 & ITE35742		V2.00
F111004013	ITE31902		V2.00

V3.00 Main Software
The following problems are solved with this upgrade:

Reference	Description	Sales Channel	Level Update
F120105001 F120105002	Auto Attendant fall back to Speed dial(104) not available in 25-03 and 25-04	All	V3.00
F120807003	Intermittenly all IP terminals get "500 Internal Server Error"	All	V3.00
F120312001	VRS MOH channel is not released on software loopback (F111003014 on SV8100)	All	V3.00
F121009002	ITE 37893 Romanian Language Support - Terminal display +1 day (e.g. Saturday displays as Sunday) Note – on the SL1000 terminals the day of week is not available in Romanian language so the day will be shown in English	All	V3.00
F120724002	(SV8100 F120210003) - InMail Cascade Notification does not follow RNA/Busy Attempts	All	V3.00
F111003021	CLIP based routing not working on overlap receive FR2393	All	V3.00
F120112002	Wake Up Call "playback TIME" is wrong	All	V3.00
F120813001	Inmail Answers Outside Caller Hears Busy Immediately.	All	V3.00

V3.01 Main Software
The following problems are solved with this upgrade:

Reference	Description	Sales Channel	Level Update
N/A	System clock not starting on first power on	All	V3.01

V3.01A Main Software
The following problems are solved with this upgrade:

Reference	Description	Sales Channel	Level Update
F120104001	Wrong Dialling Problem in UAE	UAE	V3.01A
F120426001	Hold retrieval when using the headset key - ITE 36388	All	V3.01A
F120803001	Overhearing caused by command 20-25-07 having no operation for SLT ports Note - This fault is only reported with an ISDN connection to a specific 3rd party Device and would not be found on a public network connection	All	V3.01A
F120302001	Cmd 10-02-05 adds trunk access code to S0 port in TAPI	All	V3.01A

V4.00 Main Software
The following problems are solved with this upgrade:

Reference	Description
F120104001	**Wrong Dialling Problem in UAE**
	ITE 34899 A misdialling to line problem has been reported in UAE While dialing, the terminal shows the correct number on the display. The DIM traces show correct numbers are detected by the DSP from the keypad.
F120426001	**Hold retrieval when using the headset key - ITE 36388**
	User on SL1000 12 key digital phone is unable to retrieve a call back from hold Answer external call on digital phone with a headset key. press Hold dial another internal extension. clear the internal call try and press the line key (which is green) to retrieve the held call button press says busy on screen so you are unable to get the call back.
ITE38645	**Carrier E & L will send a 486 Busy Here instead of a 404 Not Found for INVITE to busy SIP DDI.**
	SL1x00 presenting 404 not found on inbound calls to busy SIP DDI. Carrier E & L will send 486 Busy Here instead of 404 Not Found for INVITE to busy SIP DDI.
-	**Romtelecom SIP trunk certificate item No 3. Keep alive by Option message.**
	One of 3 items require for Romtelecom SIP certificate which is not included in R3 mass production. 3. Keep alive by Option message
F120920001	**InMail Email Notification Service is hanging or locking up.**
-	The Email Service queue seems to get stuck when there is no response (ACK/Confirmaiton or NAK/Error terminating) from the email host server after InMail attempts to send DATA (voicemail attachment). It seems like once this lockup occurs, any message that comes in after, will not attempt delivery to the email server.
F121029003	**Specific Email Setting Cause System to Reboot, System will not recover until disconnected from the LAN.**
	When email integration is enabled with specific settings, the system will boot but not fully recover approximately 30-40 seconds after the email attempt is made. The system will be caught in a boot loop until disconnected from the LAN.
F130218001	**No System Tones and no Speech path after restart and remote maintenance (V3.01)**
	ITE 39269 & 39593 System does not play any system tones and does not establish any speech path after a restart if any remote maintenance has been carried out. This is on version 3.01 software.
F120528001	**Ring Cadence stays fixed even when set to normal when 15-03-09 is enabled.**
	Esc6798; The ring cadence does not follow the different ring cadences set in 20-15 when set to normal if 15-03-09 is enabled.
-	**Wind SIP trunk certificate**
	Items require for Wind SIP trunk certificate. 1. Fax calls fallback to G.711
F120803001	**Overhearing caused by command 20-25-07 having no operation for SLT ports**
	Esc6935 Overhearing is heard between terminals if a terminal makes an outgoing ISDN call after an SLT port has made an outgoing ISDN call and the incoming party has hung up.
F120302001	**Cmmd 10-02-05 adds trunk access code to so port in TAPI**

Reference	Description
	ITE 35845 and ITE 37860 Cmmd 10-02-05 adds trunk access code to so port.
F121228001	**Call control is lost when using automatic conversation recording**
	ITE 38520 In softphone mode, when automatic call recording to InMail mailbox is enabled in 15-12, then when you try to hang up using the call control buttons within desktop suite the message "The selected feature is unavailable at this time". If you hold the call, then retrieve it you can then hang up. Is suspect this is because the Voicemail port is conferenced into the call.
-	**Support for remote upgrade of German Prompt**

V4.0A Main Software
The following problems are solved with this upgrade:

Reference	Description
F120104001	**Wrong Dialling Problem in UAE**
	ITE 34899 A misdialling to line problem has been reported in UAE While dialing, the terminal shows the correct number on the display. The DIM traces show correct numbers are detected by the DSP from the keypad.
F120426001	**Hold retrieval when using the headset key - ITE 36388**
	User on SL1000 12 key digital phone is unable to retrieve a call back from hold Answer external call on digital phone with a headset key. press Hold dial another internal extension. clear the internal call try and press the line key (which is green) to retrieve the held call button press says busy on screen so you are unable to get the call back.

V4.0C Main Software
The following problems are solved with this upgrade:

Reference	Description
F120710001	**No MOH for call placed on hold a second time**
	ITE 37396, 37523, 37524, 41046, 43071, 43153 , 43314 & 44736 Using software loopbacks and DSPDB as music on hold source, no MOH for call placed on hold a second time. VRS Channel is not released when using software loopbacks and DSPDB as music on hold source. For example, place a call to a virtual loopback DDI and place the call on hold, the caller will get the .wav from the start of the recording. If the call is then retrieved and put back on hold the hold music is not played.
F140530001	**SMDR incorrect when caller hangs up just before called party answers**
	ITE 44415 - Two MyCalls Reports on the exact same criteria were showing different figures. The problem happens when a timeout to transfer a call to IP handsets via a loopback, and a caller clearing down, occur at almost the same time. Normally a DISC message to clear a call arrives at the main software after a Pilot call acceptance sent by a Virtual Loopback S-point is delivered to an ISDN trunk. When the problem occurred the DISC message arrived before the acceptance was dispatched. However the time for the acceptance to be dispatched is quite quick, normally less than 100msec, so this should not happen regularly.
F140530002	**Daylight Savings will change system to Day Mode**
	ITE 43841 - Several reports that at the point the Daylight Savings Setup changed the time by 1 hour (so at 02:00 at night it will jump to 03:00) the system also changed to Day Mode from Night Service (when not programmed to do so). The SV8100 has 32 Night Mode Service Groups therefore this process is repeated 32 times. However, the problem appears to happen only with the higher numbered groups such as from 11 or 12 upwards are in use. The main software can get the right time information from the RTC when it is processing for groups up to the 10th but at some point when it is processing for the rest it cannot get the right time information. This problem was reported on the SV8100 and the fix has been added to the SL Main Software even though there are only 4 Night Mode Service groups available.
	Group Calls ring when call is parked
	SL1x00 V3 included a change to the operation calls made to members of a station group that have a call parked. Refer to the Release Overview for SL1x00 R3 for details. Prior to R3 - no further calls were presented to the extension. R3 Operation - calls to the pilot group will ring at the extension.

Reference	Description
	To revert this operation a new CMD option has been added in V4.0C – 99-03-08 (default=0, R3 operation), when set to 1 the operation of Prior to R3 is enabled. CMD99-03-08 is only available via KeyTel Programming.
	Call Deflection Index error
	The setting of CMD14-15-01 works correctly but the logical trunk port is off-set. Example – System has BRI trunk 1~4 installed (carded) but only circuit 1 (trunks 1~2 are connected. Trunks 3~4 are not connected. CMD14-15-01 is setup for trunks 1~2 only, as would be expected. When a call deflection is attempted on trunk 2 the system uses the setting of 14-15-01 for trunk 3 – as this is not enabled the deflection will fail. V4.0C removes this off-set of the trunk port used to trunk port CMD setting.
	Norwegian LCD file for SL1100
	The LCD external file for Norwegian language (CMD15-02-01) has been updated with new texts.

V4.01A Main Software – SL1000 only

The following problems are solved with this upgrade:

Reference	Description
	DSP Resources are not released on SL1000
	This problem is only found on the SL1000 system, this is because the SL1100 does not allow an SLT to be connected to extension port 001. - SL1000 - R4 main software - An SLT is connected to port 1 of SL1000 - Analogue trunks - Caller ID on the Analogue trunks [Operation] A DTMF receiver locks up when the SLT connected to port 1 uses an Analogue trunk to place a call. All receivers are stuck if the SLT made the same operation 20 times. SL1100 is fine because port 1 to 8 are reserved for digital terminals. You cannot connect an SLT to port 1 on the SL1100.

V5.0 Main Software

The following problems are solved with this upgrade:

Reference	Description
A141001002	**Choosing to include card configuration with upload, causes system lock up and requires Cold start to clear.**
	Before connecting to a system, open a PC Pro data base and simply add 1 expansion card to an open slot. Next connect to a defaulted Main KSU that does not have any cards in the expansion slot you chose. Upload the data base and include card configuration. Once upload is complete attempt to press the Speaker key or any other key on any phone. All phones will be locked up. If you power off the system the system will not boot up unless a cold start is preformed next.
N/A	**SSL Poodle vulnerability**
	A fix for a known SSL POODLE vulnerability. The SSL protocol 3.0, as used in OpenSSL through 1.0.1i and other products, uses nondeterministic CBC padding, which makes it easier for man-in-the-middle attackers to obtain cleartext data via a padding-oracle attack, aka the "POODLE" issue.

V5.1 Main Software

There were no problems solved with this upgrade:

V5.11 Main Software

Reference	Description
F131126001	**No Speech and crosstalk on calls when using DR700 handsets**
	Reported issue with no speech when transferring calls and subsequent answering calls, also crosstalk can be produced under some conditions. Automatic on hook transfer 20-11-11 must be enabled, or the Transfer key (not hold) must be used. The MUTE key must be enabled (by default this is illuminated). Establish an internal call between DR700 handsets 212 and 213 Present an incoming trunk call to a Ring Group Answer the call using the Trunk function key(*01) on ext 213 Internal call to 212 is terminated, go on hook on ext 212 Press HOLD or TRANSFER on 213, the call is held on the line key. Dial 212 212 Answers, go on hook ext 213 to transfer the call. 212 connects to the trunk, but no speech is heard in either direction. At this point one of two things occurs Either: 212 places the call on hold, then retrieves the call. Speech is then ok in both directions. Or: Ext 212 hangs up. The next incoming trunk call to 213 is answered with no speech, but if you lift the receiver on 212, exts 212 and 213 can hear each other (212 also hears internal dial tone) but neither can hear the external caller. This also happens on internal supervised transferred calls.
N/A	**SIP Trunk – Asterisk Pedantic Support**
	TAG Parameter contained in Initial invite and following Invite with authentication info have the same value if 84-39-09 is set to 1.
N/A	**SIP Trunk – E.164 issue**
	Caller ID information in P-Asserted-Identity header contained in the Invite does not follow E.164 when the call is made as 'Private Call'

V6.11 Main Software

The following problems are solved with this upgrade:

Reference	Description
F151211002	**A call is transferred to a station which has DND External and Call Forward NA, Busy, or Busy/NA set the forwarding is not followed**
	When a trunk call is transferred to an extension which has DND External and Call Forward No Answer (or Busy, or Busy/No Answer) set, the forwarding is not followed. The call will eventually recall back to the transferring extension. If the Call Forward type is set to All, then forwarding is followed.
F151118002	**Ringing Virtual Extensions keys for Single Line Stations still ring when DND All is enabled.**
	Phones that have *03 Virtual Extensions keys to cover calls for Single Line Extensions still ring when the phone that has the Virtual Extension key is in Do Not Disturb.
-	**SIP Date header format issue**
	Outdialling issues on Vodafone DE during 1st to 9th of month
	System Reset if Multiple Browser sessions open to OnBoard Apps
	If many browser sessions open to OnBoard App and left open for a long period, the continued refresh could build up to a system reset.

V7.01 Main Software

Reference	Description
F160926001	**Only three simultaneous IP calls possible**
	There is an issue whereby the SL1x00 restricts the number of IP devices to the system at 30 devices Anything up to 29 devices and all traffic works to specification. When a 30th device is registered than it is possible to experience the issue where 3 simultaneous calls can be in progress but then any further calls receive the 486 Busy indication. It should be possible to register up to 64 handsets from v5.00 main software onwards and have 32 DSP resources available with correct licensing This issue is resolved in this release of main software, up to 64 devices can be registered without any effect on simultaneous calls other than non-peer to peer calls will be limited by the number of DSP resources available as per the specification
F161020001	**When daylight saving is set with lock key system reverts to auto night setting**
	System has daylight saving set for last Sunday in March 27th (2016) System has auto night service set for Sunday 27th mode 2 System has holiday mode set to mode 5 for Friday 25th and Monday 28th System has #07 key set and is activated on Friday 25th system is now locked in holiday mode At 02:00 Sunday 27th the daylight saving is activated and the system moves 1 hour forward At this point the system goes to mode 2 This is incorrect it should stay in mode 5

D7.11 Main Software
The following problems are solved with this upgrade:

Reference	Description
F170911002	**Transfer call to Busy SIP extension fails** On the system, if you enable call waiting you can transfer a call to a busy destination and it will queue to be answered. This works for all devices except for a standard SIP extension. When this is used and a transfer takes place the PBX will send a cancel request to the terminal and the call will recall on the transferring extension. Note - the following conditions apply to this fix: 1) The implementation of the current fix requires 20-13-54 Call Waiting for Standard SIP Terminal to be disabled. This means you have to choose between using call waiting at a standard SIP device or being able to receive transferred calls at a busy SIP device (this fix) 2) Transferred calls do not pass through the CLI as seen on other handsets. MLT displays the transferred CLI but SIP device only receives anonymous from the PBX. PRG99-03-51 must be set to 1 (Enabled) through TelPro for this to work
F170922001	**Unable to blind transfer to Mobile Ext from TSP Application (eg MyCalls Console)** When the call is transferred to the Mobile Extension it doesn`t ring the Mobile Ext and the call disappears in the TSP application but to the Outside Party they still hears ring back tone. When doing a supervised transfer it works, also when they they wait approx 1 second and then complete the transfer it works.
F170922002	**One way Speech on Analogue Extensions** When an SLT extension has PRG 15-03-09 Caller ID External Module enabled and is in both first and second ring groups of a DDI target, if the call rings the first target and is unanswered it steps to second ring group. The SLT will get one-way speech on all future outgoing (internal and external) calls until a new inbound call is made to the SLT.
F170510001	**Call Forward 302 Return (Moved Temporarily)** DDI calls routed to extensions with a call forward to an internal destination will fail when 84-14-17 is set to '302 Return' – the system will attempt to route the call externally. 84-14-17 seletcs the operation of the SIP trunk feature 'Moved Temorarily' 84-14-17 is located with PCPro Easy Edit: *Advanced Items + VoIP + SIP Trunks + SIP Trunks General Settings + SIP Trunk Call Divert + Trunk to Trunk Settings*

V7.12 Main Software
The following problems are solved with this upgrade:

Reference	Description
F170906001	**No Missed Calls showing in ML logs page** When using v1.1.27, if you get a missed call, it doesn't show in the logs page. Inbound and Outbound show correctly. This only appears to be an issue on this version. Previous versions seem to be ok. *This fix also requires MLC Firmware Version 1.1.38 (non video) or Version 1.3.28 (Video & Bluetooth) or higher* It is a requirement that the following commands, on a per UT880 extension basis, are set on the platform in order to store the missed call data. PRG15-02-13 LND-Outgoing mode – Set to Extension/Trunk Mode PRG15-02-34 CID List-Call Register Mode – set to Extension/Trunk Mode

V7.13 Main Software
The following problems are solved with this upgrade:

Reference	Description
F171026005	**Increase Session ID on SIP Reinvite with SDP**
F170303003	**E164 format not working with 84-39-01 mode settings with incoming invite** When e.164 modification is required for incoming calls where the CLIP needs to be used from the From header (84-39-01 mode 2) or the PAID header (84-39-01 Mode 4) the number is not being modified to include the 00. When 84-39-01 is set to mode 1 (default Setting) the e.164 modification works fine. E.164 modification should be added to all 84-39 options.
F180427002	**Possible to gain access after failed Prohibited User logon** It is possible under a certain scenario to gain access for download after a failed PcPro logon. This is a very specific scenario, however it is recommended to upgrade for this reason.
F170428001	**Unable to download VRS Audio files on Ver. 7.01by clicking on the file in UserPro** On a Ver 7.01 SL1100 log on as user1 and try an download an audio file. This fails to work when you click the file. If you right click the file and open the link in a new tab then click the file it works.
F170207001	**Missed call fault when set to German Language** When the system is set to German the missed call log is incorrect. This is the case on system phones and DR700, on DT330-Phones the list is correct