

Release Notes



SV8100 R9.68

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Contents

1. INTRODUCTION	3
2. IDENTIFICATION	3
3. COMPATIBILITY	3
3.1. IPDECT	3
4. UPGRADE INSTRUCTIONS	4
5. FUNCTIONAL CHANGES	5
6. SOLVED PROBLEMS	5
9.1. List of Solved Problems	5
7. KNOWN PROBLEMS	5
8. SECURITY	5
9. MATERIALS	6
12.1. Physical Distribution	6
12.2. On-line Distribution	6

1. INTRODUCTION

This FCO provides information about the Maintenance Release of Univerge SV8100 Main Software.

- SV8100 Main Software R9.68

2. IDENTIFICATION

This release is SV8100 Main Software R9.68. This is a maintenance release including fixes.

3. COMPATIBILITY

Any UNIVERGE SV8100 can be upgraded with this system software.

3.1. IPDECT

The following IPDECT DAP firmware (or above) is compatible with SV8100 Main Software R9.68

SV8100 Main Software	Compatible DAP Firmware
R9.54	IPDECT DAP Controller 6.21.0163 (4920b62d.dwl) DAP Firmware 920.b6.2d
R9.55	
R9.56	
R9.65	

(SV8100 Main Software R9.54, 9.55 and R9.56 are also shown in the table as the same compatibility is required.)

Note - DAP Firmware compatibility is due to a change in the system Server Agent implemented in SV8100 Main Software R9.54, therefore when upgrading the SV8100 Main Software to R9.54 or later, you must ensure the DAP firmware is also upgraded, otherwise the DAPs will not function.

New SIP Server Agent name

The system Server Agent has changed from 'NEC-I' to 'NEC' with the release of the latest SV8100/SV9100/SL1100/SL1000 software versions. DAP Firmware 4920b62d now supports the new Server Agent name but is also backwards compatible to support existing systems running older main software.

4. UPGRADE INSTRUCTIONS

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

Please be aware that for any SV8100 system with an IPLB the upgrade process may take noticeably longer (up to 10 minutes). This is because of the IPLB firmware with enhancements for fax transmission being loaded on.

WARNING: Powering off while card firmware is occurring, can cause corruption of cards. Please ensure all cards are running (up to 10 minutes after upgrade dependent on number and type of cards (LCF upgrade is longest) before performing any reset. See further explanation later in this document.

To perform a system software and firmware upgrade:

1. Turn the system power off.
2. Once the system has powered down, insert the USB Memory containing the software upgrade into the USB port on the CD-CP00.
3. Push in and hold the **Load** button.
4. Turn the system power on.
5. Continue holding the **Load** button for approximately 10 seconds or until Status LED5 begins flashing red.
6. Release the **Load** button.
7. Wait until the Status LEDs on the CD-CP00 have the following indications (approximately two minutes):
 - LED 2: Flashing Red
 - LED 3: Flashing Red
 - LED 4: Flashing Red
 - LED 5: Steady Red
8. Turn the system power off and un-install the USB Memory.
9. Turn the system power back on.
10. When the system has completed reloading the software, the Status LED begins flashing on the CD-CP00. The remaining four LEDs are off.
 - To confirm the new software version has been installed, the system version number can be viewed by pressing the FEATURE + 3 keys on any display multiline terminal.
 - The existing system software in the flash memory is replaced, but the customer data (stored in the RAM) is saved.

InApps after Main Software upgrade

If installing from a version before 9.54, then it will be necessary to upgrade the main software twice.

The first upgrade, will upgrade the SV8100 with the 9.65 Main Software. This also includes the files necessary to unpack and install the InApps engine. Only when this engine is in place can it receive and install the In App Manager and supporting files allowing install of further InApps.

After this first install, installing the main software again will now install all the required files for InApp operation.

5. FUNCTIONAL CHANGES

No Functional changes in this version.

6. SOLVED PROBLEMS

9.1. List of Solved Problems

The following externally reported problems were solved with this upgrade:

Reference	Description
F180906001	DTAG Trunk based on TCP uses random TCP Port Numbers
	SV8100 does not use the configured TCP Port but random TCP source port
F180427001	SV8100 Does not send CANCEL Request when call ended
	If the call is cleared within 1 Second (immediately on-hook after off-hook) the system does not send a SIP CANCEL. The carrier proceeds the call and it will ring at the target, disregarding that the calling party is already on-hook
F181029001	SV8100 sends `require: Timer` as answer to an invite where `Timer` is not mentioned as supported
	If the SIP carrier sends a re-invite where `Timer` is not mentioned as supported then the SV8100 sends in the 200 OK a Header `Require: Timer` which causes the call to be disconnected by the carrier.
F171026004	algorithm=MD5" parameter is in the register message
	MD5 parameter missing from the register message
F180502001	DT Terminal goes in to Power Save Mode on SV8100
	A terminal that is unplugged then is plugged back in goes to Power Save Mode although there is no configuration for Power Save set up in the system.

7. KNOWN PROBLEMS

N/A

8. 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.

9. MATERIALS

12.1. Physical Distribution

N/A

12.2. On-line Distribution

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