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## July 2012

### Remarks about the FW licence and FW update

Starting with FW-Version 00.06.07.00 every FW needs a licence file to enable the functionality of the target system. If the licence file is missing no calls can be made, only remote access is possible. The licence file is transmitted to the target system using the NovaTec configuration software or is already present in the target system if a new system is purchased. The following needs to be considered when updating a system:

### For running systems or newly purchased systems using FW 00.07.00.55 (or higher) which are configured with NMP 6.5 (or higher):

Your system already has a valid licence file for the appropriate Firmware and NMP higher Version 6.5 software allows the transmission of configuration data without loading a licence file. The licence file will stay in the target system. It will only be deleted if you overwrite it with another licence file or if you delete the target system's flash. You only need a new licence file if you update to FW version 00.07.01.00 or higher.

### General remarks on FW updates:

In general a new licence is required whenever you update to a non bugfix FW version. A non bugfix version differs in more than just the last two numbers from the previous installed version. e. g.:

Update from 00.06.07.00 to 00.06.07.02:

Update to a bugfix firmware version. No new licence is required.

Update from 00.06.07.00 to 00.07.00.55:

Update to a FW version including new features. A new licence is required.

Update from 00.07.xx.xx to 00.08.01.00:

Update to a FW version including new features. A new licence is required.



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## **NovaTec Release Information Firmware 00.08.02.00**

### **1. Bug fixes included in this release**

### **2. New features**

### **3. Other Changes**

### **4. Known Issues**

### **5. Dependencies**

#### **1. Below is a list of bug fixes that have been resolved in this release**

- Data calls on the CCU4 were rejected if the caller and callee both were destinations on the same CCU4. The problem did not occur on all call flows and depended on the behaviour of the called device. The problem is solved.
- Detected ANSAM tones were not correctly converted to the corresponding telephone event in the RTP stream. The problem has been solved.

#### **2. New features**

- The firmware supports a new configuration option which controls the behaviour on ISDN trunk line and cross connection. If the option is activated the NovaTec GW will always connect through the B-channel when the call is alerting even if the called PBX does not signal/indicate the presence of a ring back tone. If the option is deactivated the NovaTec-GW will play its own ring back tone when the call is alerting and the PBX does not signal/indicate the presence of a ring back tone. This feature requires NMP 7.2.0.0. The new option can be found under "NovaTec-System/Trunk Group". Detailed information on the interworking of the current and previous NMP and firmware versions can be found in the NMP 7.2.0.0 online help.
- The firmware now is able to establish unsecure call home calls if TLS is activated but the certificates have not yet been signed. Before this change no call home calls were possible in that state because the system tried to establish secure calls but without signed certificates all secure calls failed of course. To have successful call homes in this state an unsecure NMS or NAME server must be configured in the target system. This feature enables NAMES to perform the call home job "Cert Sign Job" (sign certificate on incoming call home).

#### **3. Other changes**

None.

#### **4. Known issues**

- With a S3 connected to a CUCM as a line device it can happen that a calling IP phone receives a ring back tone even when the callee behind the S3 is busy or not plugged in.
- In case an ISDN phone behind a NovaTec gateway is busy it will take three seconds until the



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caller will be informed that the callee is busy. This behaviour is mandatory for the ISDN bus and is specified in European and international ISDN standards. This is not a bug but because of this ISDN behaviour the user experience is different compared to SIP to SIP or SIP to analogue calls.

- Call forwarding busy on the S3 Line is not working if it is activated from the ISDN or analogue phone. The locally forwarded call from the S3 is rejected from CUCM with “Busy here”. But the destination of the call has no active call. The problem is caused by the “Busy trigger” in the CUCM configuration for the S3. As a workaround call forwarding busy can be activated in the CUCM configuration.
- If the REFER method is used to perform a transfer in the CUCM the transfer will fail when the second call is an incoming call. The transfer will be successful if both calls are outgoing or if at least the second call is outgoing.

## 5. Dependencies

- S3 registration as a line device in CUCM:  
The feature requires NMP version 6.3.2 or higher and CUCM version 7.1.2 or higher.
- Feature Data-Calls with clear channel codec (X-CCD):  
The feature requires NMP version 6.3.2 or higher and CUCM version 7.1.2 or higher.
- Feature TLS:  
The feature requires NMP version 6.7.0.4 or higher and CUCM version 7.1.3 or higher. TI-CA 1.6.0.2 is required if client/server authentication is used. Please use only TI-CA 1.6.0.2.
- Feature MLPP:  
The feature requires NMP version 6.6 or higher. If the NovaTec-GW is connected to a CUCM MLPP works only on SIP trunks. The feature cannot be used on a S3 which is configured as a line device.
- Feature RMCS:  
The feature requires NMP 6.7.0.4 or higher. To use RMCS on a S3 a special S3 hardware is required (article no. 1F8xxx-R). To use RMCS on a CCU3 based system, the CCU3 must have at least R-State R8E.
- Feature 3PTY:  
The feature requires a CCU3 based system and cannot be used on a S3.
- Feature SCEP:  
The feature requires NMP 6.7.0.4 or higher.
- Feature CLI over Trace Info Client:  
At least Trace Info Client version 6.8.0.5 is required. Please visit our website for detailed information about CLI commands and software and firmware versions supporting the CLI.
- Feature CCU4 support:  
The feature requires NMP version 7.1.0.0 or higher.
- Feature UP0 support:  
The feature requires NMP version 7.1.0.0 or higher.



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- Support for the Call Home events “Call Setup Time Threshold-Event”, “TLS CA certificate invalid in one week”, “TLS certificate invalid in one week”, “TLS has default time” and “TLS own chain invalid”:  
The features require NMP version 7.1.0.0 or higher.
- Feature Separate RTP/SRTP:  
The feature requires NMP version 7.1.0.0 or higher. The feature can only be used on the CCU4 hardware.
- NMS support:  
NMS is not supported with this firmware and all future firmware releases.
- NAMES support:  
This firmware supports NAMES but has no direct dependency to NAMES itself. To support NAMES properly, the target system needs to be configured with NMP 7.1.0.0 or newer.
- Support for extended Trunk Group options:  
The feature requires NMP 7.2.0.0 or higher.

**July 2012**  
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