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November 2018

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 will be done, only remote access is possible. The licence file is transmitted to the target system by using the NovaTec configuration software or it is already present in the target system if a new system is purchased. The following steps need to be considered when updating a system:

General remarks on FW updates:

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

Your release number consists of 8 digits in the following form: XX.XX.XX.YY

A new licence is **not** required if only the last two digits of your current FW release differ from the release updated to. Meaning only the Y-variables in the release number change (e.g. update from 00.08.04.00 to 00.08.04.03).

All FW releases with changes to the X-variables require a new license (e.g. update from 00.08.03.00 to 00.08.04.00).



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Remarks about the new licence policy introduced with firmware release 00.08.03.00:

The firmware now checks the number of licenced total and VoIP channels. If the configured number of total or VoIP channels exceeds the corresponding licenced number of channels the system will block all calls and only remote maintenance will be possible.

As in previous firmware versions the MAC address and the installed firmware version need to match the installed licence, otherwise the system will block all calls and only remote maintenance will be possible.

A separate TLS licence file is no longer required. The firmware licence file now includes the licence information for the basic licence and all additional features. At this time additional features are: TLS and RMCS server. If an additional feature is not allowed by a licence file the feature will not be serviceable. Other features will work without problems as long as the basic licence is valid.

Please note:

- A firmware downgrade of a CCU4 to a version below 00.08.03.00 is not possible once version 00.08.03.00 or higher has been installed on the CCU4. A downgrade within the firmware family 00.08.03.xx or higher is possible.
- The basic factory licence includes 16 channels total on purchase of hardware. If further channels are required these have to be purchased additionally from NovaTec (please contact NovaTec sales in case). Any combination of TDM and VoIP channels can be configured as long as the maximum of the total channel number and the maximum of the licenced VoIP channels are not exceeded.
- The features TLS and RMCS server are not active in the factory licence and must be purchased separately if required.



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NovaTec Release Information Firmware 00.08.05.00

- 1. Bug fixes included in this release**
- 2. New features**
- 3. Other changes**
- 4. Known issues**
- 5. Dependencies**
- 6. System requirements**

1. Bug fixes included in this release

Related to all systems:

- Data calls were disconnected if the connection to the RMCS server was lost. Now the call will stay active. Most likely such a call will be cleared before bit errors occur. The problem has been solved.

2. New features

Support for dynamic payload types

This firmware version supports dynamic negotiation of the payload types for all codecs. The feature will be active after installation of the firmware. It is not required to change the configuration.

3. Other changes

None

4. Known issues

Related to all systems:

- No calling tone, if a loop is programmed in the alternative route of the caller.

5. Dependencies

A list of dependencies for the different features can be found on our website <http://www.novatec.de/handbooks/Kompatibilitaetsmatrix.pdf>.

6. System requirements

This firmware supports Cisco Unified Call Manager version 10.5 to 11.x.



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