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NovaTec release information NMP 6.7.0.5

- 1 New features in NT-Configuration release 6.7.0.5**
- 2 New features in TI-Client release 6.7.0.5**
- 3 Bug fixes in NT-Configuration release 6.7.0.5**
- 4 Bug fixes in TI-Client release 6.7.0.5**
- 5 Other changes in NT-Configuration release 6.7.0.5**
- 6 Known Issues**
- 7 Applications**
- 8 Requirements**
- 9 Dependencies**
- 10 Changes in previous releases**

1. New features in NT-Configuration release 6.7.0.5

The call server now supports the new fields "Time Alerting" and "Time Connect" and is compatible to the CDR database from NMS 7.1.1.1.

2. New features in TI-Client release 6.7.0.5

None

3. Bug fixes in NT-Configuration release 6.7.0.5

- If a EWU was configured with previous NMP versions, then all calls made over channel 3 and 4 of a EWU had no audio connection. The problem has been solved.
- If a VoIP channel was explicitly reserved for RMCS calls this channel appeared in the table "NovaTec-System/Synchronisation/Interface Sync Priority" and replaced the existing GPS entry. The problem has been solved. Now, only ISDN, GPS and RMCS streams appear in the table but no VoIP channels.
- In previous NMP versions DNS was still active after all DNS servers in the configuration had been deleted. After transmission of a configuration with deleted DNS servers the target system kept on using the previously configured DNS server(s). A workaround for the problem was to enter 0.0.0.0 as the only DNS server. The problem has been solved. Now, if the list of DNS servers is empty, the DNS service will be deactivated.
- If a music on hold audio file was loaded into a configuration database the size of the database file increased after every processing of the data. The problem has been solved.
- In some situations it could happen that the target system required a system reset after transmission of a configuration even if the configuration had not been changed or only subscriber information had been changed. The problem occurred for example if a user clicked into fields belonging to the SIP configuration without changing them. The problem has been solved.



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4. Bug fixes in TracInfo-Client release 6.7.0.5

- If the connection to the target system was lost (i. e. in case of a system reset after a firmware update), then the unnecessary message “K_SOCKET_MMIO_CLOSE_IND” showed up. The problem has been solved.

5. Other changes in NT-Configuration release 6.7.0.5

- The configuration flag which controls the REFER method has been renamed from “Reserved [5]” to “Execute Call transfer with REFER-Method”.
- The maximum value of the timer “Wait for ALERT” under “NIP (NovaTec Internet Pathfinder)/SIP (VoIP)/SIP <-> ISDN options” has been increased from 30 to 240 seconds.

6. Known Issues

None

7. Applications

NMP 6.7.0.5 includes the following applications:

- NovaTec Configuration 6.7.0.5
- TracInfo Client 6.7.0.5
- Call Server 6.7.0.5
- NovaTec Network Services 7.0.5

8. Requirements

The following operating systems are supported:

- Microsoft Windows XP (Service Pack 2)
- Microsoft Windows 2003 Server (Service Pack 2)
- Microsoft Windows 2008 Server
- Windows 7 (Service Pack 1)

The machine on which this software is being installed should meet the following minimum requirements:

- 2 GB RAM
- 3 GHz CPU
- 1 GB free disk space
- CD-ROM drive



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9. Dependencies

If NMS is used at least NMS version 7.1.1.1 should be used in conjunction with NMP 6.7.0.5 (if a CDR database had once been opened with NMP 6.7.0.5 then the previous NMS versions will no longer be able to work with that CDR database).

NovaTec-GWs configured with NMP 6.7.0.5 should use firmware versions from 00.06.07.02 or newer if TLS is not used. If TLS is used FW 00.07.03.01 or newer shall be used.

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NovaTec Kommunikationstechnik GmbH



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NovaTec release information NMP 6.7.0.4

- 1 New features in NT-Configuration release 6.7.0.4**
- 2 New features in TI-Client release 6.7.0.4**
- 3 Bug fixes in NT-Configuration release 6.7.0.4**
- 4 Bug fixes in TI-Client release 6.7.0.4**
- 5 Known Issues**
- 6 Applications**
- 7 Requirements**
- 8 Dependencies**
- 9 Changes in previous releases**

1. New features in NT-Configuration release 6.7.0.4

Analogue Interface Configuration

- Add on under NovaTec-System/Universal Settings of ISDN/Analogue-Interfaces:
new items of "Supplementary Services":
 - Activate MLPP Prefix
 - Activate MLPP Postfix
 - Three Party START
 - Three Party STOP

These items now may be configured even without analogue interfaces.

- Add on under Subscriber new column "Status MLPP". Shows the actual state of MLPP parameter



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2. New features in TI-Client release 6.7.0.4

None

6. Bug fixes in NT-Configuration release 6.7.0.4

- Configuration of MLPP parameters now possible
- IP-Address in Request file now actual

This has been fixed.

4. Bug fixes in TracInfo-Client release 6.7.0.4

- Validation of IP-Address and Hostname

5. Known Issues

None

6. Applications

NMP 6.7.0.4 includes the following applications:

- NovaTec Configuration 6.7.0.4
- TracInfo Client 6.7.0.4
- Call Server 6.7.0.4
- NovaTec Network Services 7.0.5

7. Requirements

The following operating systems are supported:

- Microsoft Windows XP (Service Pack 2)
- Microsoft Windows 2003 Server (Service Pack 2)
- Microsoft Windows 2008 Server
- Windows 7 (Service Pack 1)

The machine on which this software is being installed should meet the following minimum requirements:

- 2 GB RAM
- 3 GHz CPU
- 1 GB free disk space
- CD-ROM drive



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8. Dependencies

The NMP 6.7.0.4 has no dependencies to other NovaTec software packages (e. g. NMS).
NovaTec-GWs configured with NMP 6.7.0.4 should use firmware versions from 00.06.07.02 or newer if TLS is not used. If TLS is used at FW 00.07.03.01 or newer shall be used.

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NovaTec release information NMP 6.7.0.3

- 1 New features in NT-Configuration release 6.7.0.3**
- 2 New features in TI-Client release 6.7.0.3**
- 3 Bug fixes in NT-Configuration release 6.7.0.3**
- 4 Bug fixes in TI-Client release 6.7.0.3**
- 5. Known Issues**
- 6 Changes in previous releases**

1. New features in NT-Configuration release 6.7.0.3

SCEP Settings

- Add on under Operating parameters/SCEP Settings: enable to import enrollment certificate und encipherment certificate.

2. New features in TI-Client release 6.7.0.3

None

7. Bug fixes in NT-Configuration release 6.7.0.3

None

4. Bug fixes in TracInfo-Client release 6.7.0.3

- Hardware information for BCU was displayed as S0.

This has been fixed.

5. Known Issues

None

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6 Changes in previous releases

NovaTec release information NMP 6.7.0.2

- 1 New features in NT-Configuration release 6.7.0.2
- 2 New features in TI-Client release 6.7.0.2
- 3 Bug fixes in NT-Configuration release 6.7.0.2
- 4 Bug fixes in TI-Client release 6.7.0.2
5. Known Issues
- 6 Changes in previous releases

1. New features in NT-Configuration release 6.7.0.2

MLPP

- A new node NovaTec – System /MLPP enables settings of
 - Digits – Priority Mapping
 - Resource – Priority Namespace
- Able to enable MLPP under NovaTec – System /Subscriber/Permission class
- Able to define MLPP-Prefix and Postfix under NovaTec – System /Analogue Interface-Configuration

SCEP Settings

- A new node under Operating parameters/SCEP Settings enables settings of SCEP parameters.
- Challenge password can be defined under NovaTec – System / System IP options / TLS Security
- SCEP is not included in firmware versions 00.07.03.XX. The first firmware version supporting SCEP will be 99.07.03.87.



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2. New features in TI-Client release 6.7.0.2

New dll for display information

- New disptrac.dll is included for displaying more trace information

8. Bug fixes in NT-Configuration release 6.7.0.2

- NovaTec – System / B Channel permission. Only 2 B-channels per BCUX can be configured now. [Previously the GUI offered more than 2 b-channels per BCU interface. These were not functional of course, because one BCU interface has got only 2 b-channels.](#)
- The transmission of configuration data with music-on-hold (MoH) file was transferred to the NovaTec Gateway at every session, even when MoH was available on the Gateway. Now, MoH will only be transferred, when a MoH file is imported via the "Import Audio (PCM).." button. The MoH file on the NovaTec Gateway can be deleted, when the user presses the "Remove Audio.." button and transmits this configuration data to the NovaTec Gateway.

4. Windows 2003 Readiness of TracInfo-Client release 6.7.0.2

- TLS connections between TracInfo Client on an Windows 2003 Server and a NovaTec Gateway failed sporadically. When a TLS connection failed, a message box appeared for "Reconnect", but the reconnection could not be established. A restart of TracInfo Client was necessary.

This sporadically fail connection caused unsuccessful upload of firmware with TracInfo Client in combination with TLS and Windows Server 2003.

This has been fixed.

5. Known Issues

None

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NovaTec release information NMP 6.6

- 1 New features in NT-Configuration release 6.6.0.0**
- 2 New features in TI-Client release 6.6.0.0**
- 3 Bug fixes in NT-Configuration release 6.6.0.0**
- 4 Bug fixes in TI-Client release 6.6.0.0**
- 5. Known Issues**
- 6 Changes in previous releases**

1. New features in NT-Configuration release 6.6.0.0

Call Home

There are two new events added in the Call Home Configuration:

- Invalid-FW-Lic, this event will be send when the firmware licence is invalid
- Invalid-TLS-Lic, this event will be send when the TLS licence is invalid

TLS and sRTP

Once the TLS-Security is activated, sRTP Encryption also will be activated without importing any Encryption serial number.

CUCM Trunk in User- and Local mapping

There is a new checkbox to select the mapping as CUCM trunk. This checkbox is enabled when SIP-TLS security is activated and bit 4 (Register as Cisco device) of Option Flag 2 in SIP General settings is deactivated.

Possible to switch off the synchronisation of an interface

It is possible now to switch off the synchronisation of an interface by selecting Synchronisation->Interface Sync Prio and edit the interface. If the priority entered is greater than 99, the synchronisation of the interface is switched off.

2. New features in TI-Client release 6.6.0.0

New tab for Security Information

This feature works with Firmware release 99.07.01.10 and above. It displays the state of the security settings in NovaTec Gateways, e.g. TLS licence state and if any CA-certificates loaded.



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New button under System Resources tab

The new button allows the operator to copy MAC address without the character “:” in between.

3. Bug fixes in NT-Configuration release 6.6.0.0

- Call home configuration sometimes did not accept settings
- Call home configuration did not check if the operator entered threshold values for CPU-Usage-Threshold-Event and Free-RAM-Threshold-Event
- The Warning for IP-Address mismatch between the new configured and the previous set Unit-IP-Address appears again.
- Master/Slave mode in L1 for ULU-Interfaces. A mixed combination of Master and Slave Mode of the L1 on an ULU is now prohibited by the configuration tool.
- Graphical displays improved and work now under Windows 7.
- After importing basic configuration, too many Message boxes appeared. This bug has been fixed.

4. Bug fixes in TI-Client release 6.6.0.0

- Under the tab Diagnose – Hardware, ULU and CAU were not displayed accordingly. This bug has been fixed.
- Under the tab Device, the text “System ID” has been changed to “Backplane-ID”

5. Known Issues

The configuration in TLS mode does not work with Windows XP SP3. An error occurs while transmitting data to target using a TLS connection.



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6 Changes in previous releases

New features in the 6.5 release

TLS Security Options

- It is possible to configure the SSL Verify Depth for MNT (Maintenance), SIP and NMS Tasks. The maximal possible Depth is 9. Previously, the SSL Verify Depths for MNT, SIP and NMS Tasks were fixed. MNT and NMS Task had a fixed depth of one, SIP Task had a fixed depth of 2.
- It is possible to import more than one CA-Certificate for MNT (Maintenance), SIP and NMS Tasks. The maximal number of CA-Certificates for each task is 12.
- It is possible to view the imported CA-Certificates.
- If a TLS-licence is imported successfully, NTConf will carry out the following checks and operations:
 - Disable all available IP services except SIP-TLS IP service with destination port/ send port /receive port = 5061 and "activated authorization" disabled.
 - If a SIP-TLS IP service is not configured yet, NTConf does this automatically, in this case, it will configure an activated SIP-TLS IP service, its destination port/send port /receive port will be set to 5061 and activated authorization will be disabled.
 - NTConf will check the configuration under NIP->SIP (VoIP)->Mapping Lists->User mapping and Local mapping. If mapping exists, NTConf will add in a port number 5061 to the IP address if this port number has not been configured.

Call Home

In order to run two NovaTec Network Management Systems (backup concept), it is possible to configure a second ISDN-Number/ IP/Domain-address for Call Home. This second ISDN-Number/ IP/Domain-address is optional. Novatec firmware will first try to send its events to the first ISDN-Number/ IP/Domain-address. On failure, the firmware will switch to send its events to the second ISDN-Number/ IP/Domain-address after ca. 10 minutes.

Network options->TLS-Settings

- The SSL Verify Depth for NTConf, Call Server and TI-Client is not limited to one anymore.
- Like previous release, "Network options->TLS-Settings" supports import of only **one** CA-Certificate.
- If the user wishes to have SSL Verify Depth greater than one, he has to use an editor to concatenate its CA-Certificates to **one** file for import.



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Bug-fixes in release 6.5

Bugs fixed in TracelInfo Client

Bug 1: The Clock Sync function in TI-Client does not work in TI-Client 6.4.

This has been fixed.

Bugs fixed in NovaTec Configuration

Bug 1: The configuration does not transmit configuration data to target if firmware licence was not imported yet.

This has been fixed.

Bug 2: The configuration deletes the firmware licence after importing a Basic configuration under "Operating parameters->Basic configuration".

This has been fixed.

Bug 3: This bug occurs under "NovaTec System->Protocol Settings->Interface-Protocol Assignment". If the interfaces are BCU, ISDN-Ports with Modus "Subscriber line" and "Analog-line", protocol is not assigned.

This has been fixed.

Bug 4: If a Numbering Plan is assigned to a Line Group, this Numbering Plan can be deleted without any warning.

This has been fixed.

Bug 5: When the configuration uploads a configuration file, it will not check if the CA-Certificates are accessible in the PC, hence error occurs during a transmission of configuration data.

This has been fixed. In this release, if the CA-Certificates are not accessible, the paths will be deleted in the configuration data and a warning will appear. The operator is asked to load new CA-Certificates.

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