Traceinfo Certificate Authority (TI-CA) 1.6.0.3

For details about the installation procedure and the installed applications please read the readme file in the installation folder.

1.   **Firmware**

2.   **Bug fixes**

3.   **Requirements**

4.   **Dependencies**

1.   Firmware

TI-CA 1.6 is compatible to firmware release 00.06.06.17 and above. If a 2048 RSA key shall be used then firmware version 00.07.03.01 or newer is required.

2.   Bug fixes in TI-CA 1.6.0.3

Updated included OpenSSL DLLs to 0.9.8za to fix OpenSSL vulnerability **CVE-2014-0224**

3.   Requirements

The following operating systems are supported:

- o Microsoft Windows 2003 Server (Service Pack 2)

- o Microsoft Windows 2008 Server (Service Pack 2)

4.   Dependencies

TI-CA 1.6.0.3 should be used with NMP version 6.7.0.4 or higher.

Certificates which were created with previous versions (TI-CA 1.4/1.5) can still be used to sign NovaTec systems as long as the option Client/Server Authentication is not used. The option Client/Server Authentication needs to be deactivated in the configuration under NovaTec-System → System IP options → TLS Security → for the tabs Maintenance and CallHome when the Client/Server Authentication is not used. If the Client/server Authentication is activated the certificates from TI-CA version 1.4/1.5 can no longer be used. In this case new certificates/requests (Root, MNT, NMS) need to be created with TI-CA 1.6.

June 2014

NovaTec Kommunikationstechnik GmbH

Traceinfo Certificate Authority (TI-CA) 1.6.0.2

For details about the installation procedure and the installed applications please read the readme file in the installation folder.

1.   **Firmware**

2.   **Changes and Bug fixes**

3.   **Applications**

4.   **Requirements**

5.   **Dependencies**

1.   Firmware

TI-CA 1.6 is compatible to firmware release 00.06.06.17 and above. If a 2048 RSA key shall be used then firmware version 00.07.03.01 or newer is required.

2.1.   New features in the TI-CA 1.6.0.2

None

2.2.   Bug fixes in TI-CA 1.6.0.2

The previous TI-CA 1.6 version did not start if the date (of the PC) was beyond the 31.12.2011. The problem has been solved.

2.3.   Other Changes in TI-CA 1.6.0.2

None

3.   Applications

TI-CA 1.6 includes the following applications:

- TraceInfo CA 1.6.0.2

4.   Requirements

The following operating systems are supported:

- Microsoft Windows XP (Service Pack 2)

- Microsoft Windows 2003 Server (Service Pack 2)

- Microsoft Windows 2008 Server (Service Pack 2)

5.   Dependencies

TI-CA 1.6.0.2 should be used with NMP version 6.7.0.4 or higher.

Certificates which were created with previous versions (TI-CA 1.4/1.5) can still be used to sign NovaTec systems as long as the option Client/Server Authentication is not used. The option Client/Server Authentication needs to be deactivated in the configuration under NovaTec-System → System IP options → TLS Security → for the tabs Maintenance and CallHome when the Client/Server Authentication is not used. If the Client/server Authentication is activated the certificates from TI-CA version 1.4/1.5 can no longer be used. In this case new certificates/requests (Root, MNT, NMS) need to be created with TI-CA 1.6.

January   2012

NovaTec Kommunikationstechnik GmbH

Traceinfo Certificate Authority (TI-CA) 1.6

For details about the installation procedure and the installed applications please read the readme file in the installation folder.

1.   **Firmware**

2.   **Changes and Bug fixes**

3.   **Applications**

4.   **Requirements**

5.   **Dependencies**

1.   **Firmware**

TI-CA 1.6 is compatible to firmware release 00.06.06.17 and above. If a 2048 RSA key shall be used then firmware version 00.07.03.01 or newer is required.

2.1.   **New features in the TI-CA 1.6.**

None

2.2.   **Bug fixes in TI-CA 1.6**

A problem with the coding of the extensions in TI-CA generated TLS certificates (X.509 extensions) has been solved.

2.3.   **Other Changes in TI-CA 1.6**

None

3.   **Applications**

TI-CA 1.6 includes the following applications:

- TraceInfo CA 1.6

4.   **Requirements**

The following operating systems are supported:

- Microsoft Windows XP (Service Pack 2)

- Microsoft Windows 2003 Server (Service Pack 2)

- Microsoft Windows 2008 Server (Service Pack 2)

5.   **Dependencies**

TI-CA 1.6 should be used with NMP version 6.7.0.4 or higher.

Certificates which were created with previous versions (TI-CA 1.4/1.5) can still be used to sign NovaTec systems as long as the option Client/Server Authentication is not used. The option Client/Server Authentication needs to be deactivated in the configuration under NovaTec-System → System IP options → TLS Security → for the tabs Maintenance and CallHome when the Client/Server Authentication is not used. If the Client/server Authentication is activated the certificates from TI-CA version 1.4/1.5 can no longer be used. In this case new certificates/requests (Root, MNT, NMS) need to be created with TI-CA 1.6.

July 2011

NovaTec Kommunikationstechnik GmbH

Traceinfo Certificate Authority (TI-CA) 1.5

For details about the installation procedure and the installed applications please read the readme file in the installation folder.

1	New features in the TI-CA 1.5
2	Bugs fixes in the TI-CA 1.5
3	Changes in the TI-CA 1.5
4	Firmware compatibility

1. New features in the TI-CA 1.5.

- o Uses SHA1 instead of MD5 cryptographic hash function.

2. Bug fixes in TI-CA 1.5

None

3. Changes in TI-CA 1.5

The licence file, ticalic.enc, which stores the MAC addresses of the treated NovaTec systems, is now stored in a folder "licence" under the installed folder.

In the previous release this licence file was store in a fixed path: C:\NovaTec\Traceinfo CA 1.x\licence

4. Firmware compatibility

TI-CA 1.5 is compatible to firmware release 00.06.06.17 and above.

December 2010

NovaTec Kommunikationstechnik GmbH

Changes in previous releases

Traceinfo Certificate Authority (TI-CA) 1.4

1   **New features in the TI-CA 1.4 release**

2   **Firmware**

3   **Install and start TI-CA 1.4**

4   **Licence**

1.   **New features in the TI-CA 1.4 release.**

1. The validation depth for SSL/TLS is now limited to 9 levels.
2. After signing all three certificate-requests in the target, a reset can be executed to the NovaTec system automatically.
3. After signing a certificate-request, expired date will be shown in a message-box.
4. If the dongle is removed during an operation, TI-CA will exit when the button "sign certificate" is pressed.
5. When a CA certificate is imported in page "Sign Certificate Request", the maximal valid days of the CA certificate will be displayed.
6. When signing a certificate request, TI-CA will check the input "valid days" against the validity of CA certificate.

2   **Firmware compatibility**

TI-CA 1.4 is compatible to firmware release 00.06.06.17 and above.

3   **Install and start TI-CA 1.4**

- Please deinstall all previous TI-CA releases via the Windows system software tools.

- Insert CD and start setup.exe.

- Insert a TI-CA dongle in a USB slot. Please note that if you are using a virtual machine, you need to install a IP-USB-HUB and insert the TI-CA dongle in the IP-USB-HUB.

- After installing TI-CA 1.4 with setup.exe, start TI-CA 1.4 by

  START->All Programs->Novatec->Traceinfo 1.4->Traceinfo CA

4   **Licence**

TI-CA 1.4 works with valid licence packages which is store in a Dongle. There are six package-sizes:

Package 1 allows TI-CA to work with max 100 Novatec systems.

Package 2 allows TI-CA to work with max 500 Novatec systems.

Package 3 allows TI-CA to work with max 1000 Novatec systems.

Package 4 allows TI-CA to work with max 2000 Novatec systems.

Package 5 allows TI-CA to work with max 5000 Novatec systems.

Package 6 allows TI-CA to work with unlimited Novatec systems.

The package number and the number of NovaTec systems treated will be stored in the dongle. On the other hand, the MAC addresses of the treated NovaTec systems are stored in an encrypted file called ticalic.enc. This file will be installed in the folder C:\NovaTec\Traceinfo CA 1.4\licence during the TI-CA 1.4 installation. Please do not remove or modify this file, otherwise there will problems to start TI-CA 1.4 or you may loose your license numbers.

March 2010

NovaTec Kommunikationstechnik GmbH