



MANUAL

INTUS RemoteConf

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1 Changes in version 1.14.00

1.1 Configuration of longer login passwords

The restriction in the input masks to 6 or 8 digits has been removed. Configuration of longer passwords (which can now also contain ASCII characters) requires INTUS Firmware Package 1.50.00 or higher.

1.2 Quick configuration of login and data port

Two new buttons enable quick login and data port setup (Channel A). A new marker (dark yellow) has been added to the terminal list display, indicating that login needs to be configured. Requires INTUS Firmware Package 1.50.00 or higher.

1.3 Optional deactivation of AutoClone service

In the login settings, AutoClone service access to the INTUS device can be allowed or disabled. Requires INTUS Firmware Package 1.50.00 or higher.

1.4 Confirmation dialog regarding access credentials

A confirmation dialog with warnings regarding the correct and secure storage of access credentials in the system has been added.

1.5 Unexpected behaviour has been adjusted

A rare occurrence of INTUS RemoteConf unexpectedly exiting during the terminal search no longer occurs. The 'IP Setup' function no longer displays an error message when the process is successful.

1.6 Optimized status page loading

If no progress is made when loading the status page of an INTUS device, the waiting dialog is automatically cancelled.

1.7 Update of private Java runtime environment

The private Java runtime environment (OpenJDK), which can be optionally installed with the Windows installer of INTUS RemoteConf, has been updated to Java version 11.0.28.

1.8 Software component updates

Some software components included in INTUS RemoteConf have been updated:

- Bouncy Castle Provider to version 1.80
- Apache Commons IO to version 2.14
- Apache Commons Lang to version 3.18

2 Changes in version 1.13.00

2.1 INTUS Flex Air: Gateway service mode

For configuration of INTUS Flex Air, a button has been added to activate the service mode of a gateway. TCL firmware version 1.16 or higher is required.

2.2 Support for changed configuration interface for mobile communication

In TCL firmware version 1.16, the interface for configuring the SIM PIN was changed. INTUS RemoteConf now also supports this new interface.

2.3 Update list of network adapters before terminal search

Previously, INTUS RemoteConf only determined the available network adapters once at startup. Now the list of available network adapters is updated each time a terminal search is started. This means that e.g. a newly plugged in USB WiFi stick can be used automatically by INTUS RemoteConf without having to restart INTUS RemoteConf.

2.4 Bug fix for XML terminal list file with IPv6 addresses

When loading a terminal list XML file, the IPv6 addresses contained in the file were ignored. As a result, under certain circumstances a terminal can be shown as not reachable, although it is reachable via IPv6. The loading of the XML file has been improved so that the IPv6 addresses are now used.

2.5 Update of private Java runtime environment

The private Java runtime environment (OpenJDK), which can be optionally installed with the Windows installer of INTUS RemoteConf, has been updated to Java version 11.0.22.

2.6 Software component update

The following software component included in INTUS RemoteConf has been updated to a new version:

- Bouncy Castle Provider to version 1.77

3 Changes in version 1.12.00

3.1 Configuration of INTUS Flex Air

Configuration of INTUS Flex gateways connected to an INTUS device via INTUS RemoteConf is now possible. Possible actions are changing the base address of the gateway and coupling or removing INTUS Flex devices. TCL firmware version 1.15 or higher is required.

3.2 Configuration item for deactivating "IP Setup"

Starting with TCL firmware 1.15, the comfort function "IP Setup" can be deactivated in the INTUS device. The mask for the configuration in INTUS RemoteConf has been extended accordingly. The new setting can be found in the "Login" tab.

3.3 Warning message before using the "IP Setup" function

After selecting the "IP Setup" button in INTUS RemoteConf, a warning message is now displayed that this function should only be executed in a secure network environment.

3.4 Support for new error messages during login and IP Setup

TCL firmware 1.15 introduces a time-limited lockout for too many failed authentication attempts during login and when using "IP Setup". The new possible error messages for this are displayed by INTUS RemoteConf 1.12 in an error message box.

4 Changes in version 1.11.00

4.1 Configuration of custom reader settings for internal reader

The configuration of custom reader settings is now also possible for the internal reader, provided the internal reader supports this feature. The setting options for the internal reader are limited to the areas "Mobile Access" and "Reader Identification". TCL firmware version 1.14 or higher is required.

4.2 Update of private Java runtime environment

The private Java runtime environment (OpenJDK), which can be optionally installed with the Windows installer of INTUS RemoteConf, has been updated to Java version 11.0.20.

4.3 Windows Installer: Removal of 32-bit x86 support

The Windows installer of RemoteConf has removed support for system with 32-bit x86 architecture. Only systems with 64-bit x86 architecture are supported now.

5 Changes in version 1.10.02

5.1 Update of private Java runtime environment

The private Java runtime environment (OpenJDK), which can be optionally installed with the Windows installer of INTUS RemoteConf, has been updated to Java version 11.0.18.

5.2 Update of manual

The manual included with INTUS RemoteConf has been updated to revision 11.

5.3 Improvement of texts

Some texts of buttons and messages in INTUS RemoteConf have been improved and spelling mistakes have been eliminated.

6 Changes in version 1.10.01

6.1 Software component update

The following software component included in INTUS RemoteConf has been updated to a new version:

- Apache commons-net to version 3.9.0

6.2 Update of private Java runtime environment

The private Java runtime environment (OpenJDK), which can be optionally installed with the Windows installer of INTUS RemoteConf, has been updated to Java version 11.0.17.

7 Changes in version 1.10.00

7.1 Configuration of custom reader settings for LBus readers

It is now possible to configure custom reader settings via the "LBus Actions" button. This feature requires TCL firmware version 1.12 or higher.

7.2 Longer timeout waiting for reply from INTUS terminal

INTUS RemoteConf now waits up to 5 minutes for a response from the terminal (previously 50 seconds) before it assumes a timeout and cancels processing with an error message. This change is necessary because the login to a terminal can

take up to 5 minutes if TCL program execution on the terminal creates a high system load.

8 Changes in version 1.09.02

8.1 Support for entering special characters in password fields

Special characters (Unicode) can now be entered in the password fields for HTTPS Client and IEEE 802.1X. Unicode characters are encoded in UTF-8.

9 Changes in version 1.09.01

9.1 Software component updates

To fix security problems in older versions, the following software components included in INTUS RemoteConf have been updated to a new version:

- Apache commons-io to version 2.11.0
- Apache HttpComponents Client to version 4.5.13
- Apache Xerces to version 2.12.2
- Bouncy Castle Provider to version 1.71
- JDom to version 2.0.6.1

9.2 Update of private Java runtime environment to Java 11

The private Java runtime environment (OpenJDK), which can be optionally installed with the Windows installer of INTUS RemoteConf, has been updated to Java version 11.0.15.

9.3 Bug fix for terminal search

Sporadically an error occurred when executing the terminal search. INTUS RemoteConf then found no terminals and displayed an error message.

9.4 Bug fix for terminal configuration

Retrieving a terminal's configuration failed when configured fields contained many Unicode characters.

10 Changes in version 1.09.00

10.1 New LBus action: Reader parameter download

It is now possible to download the reader parameterization via IRPA file (and entering the IRPA file password). TCL firmware version 1.10 or higher is required.

10.2 Support of LBus sequence of actions

Several LBus actions can be composed in advance in INTUS RemoteConf. The actions are then automatically executed sequentially by the terminal/ACM.

10.3 Waiting for TCL

INTUS RemoteConf now waits 10 seconds after sending the configuration or a reset command to the terminal. After this time, TCL will have completed the reboot. This avoids errors caused by the user taking further actions too quickly.

11 Changes in version 1.08.00

11.1 LBus configuration: Display of INTUS Flex reader licenses

The number of possible INTUS Flex readers is now displayed for an INTUS ACM40e if the corresponding license is available.

11.2 Extension of the manual

The manual has been expanded to include details and examples for the LBus configuration of OSDP and INTUS Flex as well as the INTUS ACM40e Wiegand module.

11.3 Bug fix for LBus configuration

Under certain circumstances, a change to the LBus configuration was ignored by the terminal.

11.4 Bug fix for missing German texts

Some current Java runtime environments no longer have a translation into German for dialog texts. This led to some texts being displayed in English in INTUS RemoteConf, although German was set as the language.

11.5 Java 17 support

Saving the terminal list and executing LBus actions was not possible with a Java 17 runtime environment.

11.6 Prevention of false alarms with intrusion detection system

An intrusion detection system prevented the login at a terminal due to a false alarm ("IMAP.LOGIN.Command.Buffer.Overflow"). This false alarm is now avoided by changing INTUS RemoteConf.

12 Changes in version 1.07.00

12.1 LBus actions in parallel on several terminals

An LBus action can now also be executed on several terminals in parallel.

12.2 New status codes for LBus actions

The new status codes of the TCL firmware version 1.08.02 are translated into a readable text:

- -70: No reader configured
- -230: Unexpected response from reader

13 Changes in version 1.06.00

13.1 Checkbox for "Online update" for CA certificate HTTPS client

The new feature of TCL firmware version 1.08, the option "online update" for CA certificate with HTTPS client interface, can now be activated or deactivated in INTUS RemoteConf.

13.2 Version number in window title

The version number of INTUS RemoteConf is now also displayed in the window title.

13.3 Reload button for status page subpages

There is now also a "Reload" button for the sub-pages (example HTTPS client details) of the status page.

14 Changes in version 1.05.00

14.1 Settings for Cellular hardware module

The settings for the Cellular hardware module can now be configured with INTUS RemoteConf.

14.2 LBus AES encryption settings

The settings for LBus AES encryption can now be configured with INTUS RemoteConf.

14.3 Checkbox for "Send Content-Length Header" option

The "Send Content-Length Header" option for upstream of HTTPS client can now be activated or deactivated with INTUS RemoteConf.

14.4 Support for Java 15

INTUS RemoteConf can now also be run with a Java 15 runtime environment.

15 Changes in version 1.04.03

15.1 Saving and loading part of the configuration as a file

In the configuration panel, some of the settings can now also be saved as a file or loaded from a file. The following sections are supported:

- internal reader
- LBus
- TCL parameters

16 Changes in version 1.04.02

16.1 Configuration of NTP client functionality

The configuration of the NTP client functionality is now supported.

16.2 Clickable links for the HTML status page

The terminal's HTML status page, using firmware version 1.6 and later, contains links to information about the CA certificates stored in the terminal. These links are now clickable inside of INTUS RemoteConf.

16.3 HTML status page reload

The status page in INTUS RemoteConf can now be updated more conveniently using the "Reload" button.

16.4 Output of error messages in the log file

Output of error messages received from the terminal in the log file is now more detailed in some cases.

16.5 Extension of the manual

The manual now includes information about the INTUS ACM40e.

17 Changes in version 1.04.01

17.1 Windows Installer and option of private Java Runtime Environment

There is now a Windows installer for installation on Windows operating systems (system architecture x86 or x86-64). A private, free OpenJDK Java runtime environment can be installed if desired. The previous download variant of INTUS RemoteConf, which only contains a Java archive ("JarOnly"), is still available.

18 Changes in version 1.04.00

18.1 Configuration of "HTTPS Client"

The option "HTTPS Client" (channel A / protocol host interface) is now configurable.

18.2 Configuration of static DNS Servers

IP setting: static DNS server is configurable.

19 Changes in version 1.03.02

19.1 Bug fix for terminal list

A terminal list saved as a file could not be loaded with INTUS RemoteConf 1.03.01.

20 Changes in version 1.03.01

20.1 Java 9 support

It's now possible to run INTUS RemoteConf on a Java 9 runtime environment.

21 Changes in version 1.03.00

21.1 New feature: LBus actions

The LBus Actions feature is now available. TCL firmware version 1.04 or higher is required.

21.2 Longer waiting time when rebooting after a firmware update

After a terminal reboot, there is a longer wait before the error message "Terminal can no longer be reached after reboot" is displayed. Previously, the waiting time was often too short.

22 Changes in version 1.02.00

22.1 Support for Wi-Fi and IEEE 802.1X configuration

The settings for Wi-Fi and IEEE 802.1X can now be made. The settings are found in the IP configuration tab.

22.2 Extension of the configuration of LBus for INTUS ACM80e

Wiring of LBus can now be configured in the LBus configuration.

22.3 Large buttons for terminal list

By selecting the "List" option there are now also large buttons for the functions of the terminal list

22.4 Improved error message for login

If a login fails, a detailed error message is now displayed.

23 Changes in version 1.01.00

23.1 Configuration with dynamic messages, warnings, errors

The configuration mechanism has been revised. This version of INTUS RemoteConf therefore requires terminal firmware version 1.02.00 or later!

23.2 Status page: Save as file option

The displayed HTML status page of a terminal can be saved as a HTML file on disk.

23.3 Load logo: new feature for INTUS 5200 and INTUS 5205

It is now possible to load a logo (PNG file).

24 Changes in version 1.00.05

24.1 First Public Release

This version is the first public version of INTUS RemoteConf

24.2 Basic configuration support

With this version, the basic configuration can be done for all new terminal families.

Any questions?

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We try to make our manuals as useful as possible. Please don't hesitate to call us and tell us if there is anything we can improve. Thank you in advance for your effort.

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