

# TTC-Downloader

## Release Notes

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The product or Sample is only allowed to be used in the scope as described in section "System Overview". Please note that based on the current state of the art in science and technology, it is impossible to develop software that is bug-free in all applications.

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## 1 Introduction

This document lists all new features, new functions and bug fixes which are available with the software release 4.14.5630 for the TTC-Downloader. Please read this document carefully, it also contains information on compatibility and instructions on updating the TTC-Downloader.

The latest software release and documentation can be found on the service area on our website.

URL <https://www.ttcontrol.com/service-area/>

Username ttcontrol

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### 1.1 Version Overview

The following software versions are included in this release:

	Version
Windows installer for TTC-Downloader	4.14.5630

The following document versions are included in this release:

Artefact ID	Title	Version
D-TTCSW-DN-20-001	TTC-Downloader 4.14.5630 Release Notes	1.0
-	Compiled HTML Help	4.14.5630

### 1.2 Compatibility

The TTC-Downloader version 4.14.5630 is fully compatible to older versions, i.e., it supports all targets supported by any older version of the tool.

## 2 Installation Instructions

To install the TTC-Downloader the following tasks have to be performed:

1. Make sure the .NET Framework 3.5 is installed
  - a) If not already installed, execute the installer by double-clicking `dotnetfx35.exe` and follow the installation instructions
  - b) Make sure to save all ongoing work if instructed to reboot the system
2. Make sure to uninstall any previously installed version of the TTC-Downloader
  - a) Open the Windows control panel
  - b) Choose *Programs and Features*
  - c) Scroll down to the entry *TTC-Downloader* and select it
  - d) Click the *Uninstall* button
3. Execute the installer by double-clicking `Installer.msi` and follow the installation instructions
4. After successful installation, a new start menu entry named *TTControl*, holding a link to the TTC-Downloader, is created

Note that all application specific data (e.g., log files) is stored in directory `%appdata%\TTControl\TTC-Downloader\saves` in contrast to previous versions of this tool.

### 2.1 Supported Operating Systems

Following operating systems are supported by the TTC-Downloader version 4.14.5630:

- Windows XP (32-bit and 64-bit)
- Windows 7 (32-bit and 64-bit)
- Windows 8 (32-bit and 64-bit)

### 2.2 Using Network Drives

By default, the .NET Framework 3.5 does not allow any assemblies to be executed directly from network drives. Whenever the application is started from a network drive without proper permissions the application instantly crashes with a *System.Security.Permissions.SecurityPermission* exception.

To grant the respective permissions to a network drive, the following steps have to be performed with administrator privileges:

1. Make sure the .NET Framework 3.5 is installed (see above)
2. Open a command prompt (click the Windows Start button and enter `cmd` in the *Search programs and files* text box)

3. Change directory to the .NET Framework 3.5 installation directory
  - a) On a 32-bit system type `cd %windir%\Microsoft.NET\Framework\v3.5`
  - b) On a 64-bit system type `cd %windir%\Microsoft.NET\Framework64\v3.5`
4. To set the appropriate security permissions, enter `Caspol -q -machine -addgroup 1 -url file:///<install_path>/* FullTrust -name "TTC-Downloader"` where `<install_path>` points to the TTC-Downloader's installation path on the network drive
5. To remove the granted permissions again, type `Caspol -machine -remgroup -name "TTC-Downloader"`

For more information on the usage of the *Code Access Security Policy (Caspol)* tool refer to the Microsoft Developer Network library documentation.

### 3 Update Instructions

To update a previously installed version of the TTC-Downloader follow the installation instructions beginning with step 2 (see Installation Instructions). If required, make sure to backup the configuration files located in the config directory of the TTC-Downloader's installation directory before uninstalling. After successful installation copy the backup files to %appdata%\TTControl\TTC-Downloader\config.

## 4 Revision Details

This section summarizes all changes w.r.t. the last officially available release of the TTC-Downloader version 4.12.5598.

### 4.1 New Features

Not applicable.

### 4.2 Fixed Issues

#### **Phantom Softing CAN adapters on 32-bit operating systems** **75156/TTC-Downloader**

With the previous version of the TTC-Downloader phantom Softing CAN adapters have been detected on 32-bit operating systems. In TTC-Downloader version 4.14.5630 no phantom Softing CAN adapters are detected anymore.

#### **Writing data to EEPROM via Ethernet** **75341/TTC-Downloader**

When writing data to the EEPROM via Ethernet, the EEPROM has been corrupted. Version 4.14.5630 of the TTC-Downloader allows to download data to the EEPROM using the EEPROM write feature without corrupting the EEPROM.

#### **Wrong icons for HY-TTC 30X family, bootloader version 3.5** **78224/TTC-Downloader**

In the previous version of the TTC-Downloader wrong icons have been depicted for the I/O modules of the HY-TTC 30X family, bootloader version 3.5.

## 5 Known Issues

This section lists all issues that are not fixed with the current release of the TTC-Downloader.

### Intel Hex file format: Unsupported record types

**57437/TTC-Downloader**

The current version of the TTC-Downloader does not support all record types of the Intel Hex file format. Be aware that the following record types are ignored when parsing an Intel Hex file:

- 02 - Extended Segment Address
- 03 - Start Segment Address
- 05 - Start Linear Address

### Workaround

Use records of type 04 - Extended Linear Address to set up the base address.



## Acronyms

**HTML** Hyper Text Markup Language

## References

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