

Pepperl+Fuchs
Discovery and Configuration Tool
(PFDCT)

Software Release Notes



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Software Details

Software Name:	Pepperl+Fuchs Discovery and Configuration Tool
Release Version:	2.4.0.412
Release Date	2024-01-18
Description	<p>The Pepperl+Fuchs Discovery and Configuration Tool (PFDCT) is used to configure the basic TCP/IP network settings of the supported devices and to update the firmware of the device.</p> <p>PFDCT can access supported devices, even if the TCP/IP settings are not compatible to the currently used network, as long as the PC running the software is located in the same subnet as the supported devices</p>



1. Release Notes for Software Version 2.4.0.412

1.1 Supported Products

- HD2-GTR-4PA.PN
- HD2-GT-2AD
- HD2-GT-2AD.FF.IO
- Ethernet-APL Switches
- All other products supporting Pepperl+Fuchs Discovery and Configuration Protocol (PFDCP)
- All products supporting Ethernet/IP Discovery protocol
- All products supporting HART-IP Discovery protocol

1.2 Changes

- If supported by the device: User can authenticate at devices and get the following additional information:
 - Cyclic IO connection is active or not (e.g. Active PROFINET IO AR)
 - NE 107 Status of the device
- Firmware of more device types can be updated by additionally supporting firmware update using http(s)
- For devices using http(s) for firmware update:
When updating multiple devices at once the reboot process is synchronized to prevent connection loss to devices in an ethernet chain



1.3 System Requirements

Windows operating system

- Windows 7 (32Bit, 64Bit)
- Windows 8 (32Bit, 64Bit) / Windows 8.1 (32Bit, 64Bit)
- Windows 10 (32Bit, 64Bit)
- Windows 11
- Windows Server 2008 R2
- Windows Server 2012 / Windows Server 2012 R2
- Windows Server 2016
- Windows Server 2029
- Windows Server 2022

Other

- Microsoft .net Framework 2.0, 3.0, 3.5 or 4.x
- Administrator privileges during installation

1.4 Additional Notes

If https is used for receiving additional information from the device or to update the firmware the device must use TLS Version 1.2. https is not supported for Windows 7.



2. Release Notes for Software Version 2.3.0.273

2.1 Supported Products

- HD2-GTR-4PA.PN
- HD2-GT-2AD
- HD2-GT-2AD.FF.IO
- WHA-GW-F2D2-0-A*-Z2-ETH
- WHA-GW-F2D2-0-A*-Z2-ETH.EIP
- All other products supporting Pepperl+Fuchs Discovery and Configuration Protocol (PFDCP)
- All products supporting Ethernet/IP Discovery protocol
- All products supporting HART-IP Discovery protocol

2.2 Changes

- Increased major version from 1 to 2. This was required to solve a version conflict of included libraries. It does NOT indicate an incompatible change.
- Support for Windows 10 / Windows Server 2016 added
- Support for Ethernet/IP Discovery protocol added
- Support for HART-IP Discovery protocol added
- Minor user interface extensions and improvements

2.3 Bug Fixes

- Several small improvements regarding stability, usability and performance



2.4 System Requirements

Hardware

- x86/x64 compatible processor, min. 1GHz
- 1GB Ram
- 50MB free disk space

Windows operating system

- Windows 7 (32Bit, 64Bit)
- Windows 8 (32Bit, 64Bit) / Windows 8.1 (32Bit, 64Bit)
- Windows 10 (32Bit, 64Bit)
- Windows Server 2008 R2
- Windows Server 2012 / Windows Server 2012 R2
- Windows Server 2016

Other

- Microsoft .net Framework 2.0, 3.0, 3.5 or 4.x
- Administrator privileges during installation

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- Electrical Ex Equipment
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- HART Interface Solutions
- Surge Protection
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Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
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Pepperl+Fuchs Quality

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