



► PIT Transponder Manager V1.2.0

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SD means Secure Digital

General

This document contains important information, which must be noted. This document also contains details of the changes made in the software tool from one version to the next.

System requirements



INFORMATION

Please note:

To install the tool you need administrator rights on the target device.

Operating system:	64-Bit version of Windows 10 and 11
Processor:	Dual Core (2.4 GHz) or desktop equivalent
RAM:	Min. 8 GB
Available hard drive space:	Approx. 4 GB
Screen resolution:	Min. 1024 x 768 pixels
Colour quality:	32 Bit
Text size:	Display setting in Windows "Smaller – 100% (default)"

Tool languages

The software tool PIT Transponder Manager is published in the tool languages German and English.

Important information

Compatibility with PITreader

Required firmware version of the connected PITreader:
From Version 01.03.00

Licence information

Source code from third-party manufacturers or open source software has been used for some components. The relevant licence information can be found in the menu under "About PIT Transponder Manager".

Changes in Version 1.2.0

New features

- ▶ Scan network
The network can be searched for available PITreaders.
- ▶ Add several transponders
Several new transponders can be added to the database very efficiently using the "Batch add" operation. The operation is started and then the transponders are simply positioned one after the other on the PITreader.
- ▶ Set up PITreaders
Newly unpacked PITreaders can be set up for operation in the PIT Transponder Manager. The IP address, subnet mask and gateway address of the PITreader are configured.
- ▶ Support for PIT UAS
In the PIT Transponder Manager, a connection to PIT UAS can be established and data can be transferred from the database to PIT UAS. PIT UAS can also be opened.
- ▶ User data
User data of the BIT data type is supported.
- ▶ Basic coding
The basic coding of a PITreader can be set, changed and deleted in the PIT Transponder Manager. Transponders can be taught the basic coding of a PITreader.
- ▶ New transponder types
The following transponder types are now also supported:
 - Pilz transponder cards
 - Pilz transponder stickers
 - Transponders from third-party manufacturers
- ▶ Transponder ID
A transponder ID for transponders can be stored in the database. In this field, for example, you can enter the number printed on the transponder, in order to identify the transponder.

Optimisations

- ▶ Last connected PITreader
The PIT Transponder Manager remembers the last PITreader to which a connection was established. To reconnect, you only have to enter the password.
- ▶ User ID
The user ID has replaced the E-Mail address as a mandatory entry.
The user ID is an identifier used to uniquely identify a user. The E-Mail address can continue to be used as the user ID, of course.
The user ID may be a maximum of 254 characters long.

- ▶ User interface redesigned

The user interface is now designed so that it is clearly recognisable whether it is live data or data in the database that is being changed.

- "PITreader" section

In this section you have live access to the PITreader and transponder. All entries are transferred immediately to the PITreader/Transponder.

- "Local management" section

In this section data from the local database is displayed and edited. There is no automatic transfer to the PITreader/Transponder/PIT UAS. If you wish to make the transfer, you will need to trigger the synchronisation manually.

- "Local setup" section

In this section you can define which groups and permissions you use, and create templates for transponders. These are pure offline settings, without access to the PITreader and transponder.

- ▶ Windows 8.1

Windows 8.1 is no longer supported. PIT Transponder Manager can also be installed on Version 8.1 of Windows, but this version has not been tested and Pilz does not offer any support for it.

- ▶ Security vulnerability

The security vulnerability in the webp graphic format has been rectified.

Please refer to the guidelines in the security advisory "PPSA-2023-002" (document number 1006838). You'll find the security advisory under www.pilz.com/security.

Changes in Version 1.1.1

New features

- ▶ Windows 11
The use of PIT Transponder Manager under Windows 11 is supported.

Optimisations

- ▶ Security vulnerabilities
Several non-critical security vulnerabilities have been rectified.

Changes in Version 1.1.0

New features

- ▶ User data

The "User data" feature of the PITreader is supported.

A free data area is available on the transponders. Customer-specific data (e.g. language, user name, ...) can be saved in this free data area.

- ▶ More device groups

In addition to device groups 0 ... 31, a maximum of 48 further device groups in the range 32 ... 9999 can be used.

- ▶ Validity of permissions

For each device group on a transponder it is possible to define from when and until when the permission is to be valid.

- ▶ Change function of I/O port

Each PITreader has a 24 V I/O port. The function of the I/O port can be configured using the PIT Transponder Manager.

- ▶ Edit location description

A description of the location of the PITreader can be entered in the PIT Transponder Manager.

- ▶ Reset authentication block

If the authentication type "single authentication" is configured on the PITreader and the authentication block is active, the authentication block can be forcibly deactivated.

Optimisations

- ▶ Special characters in the password

It is now also possible to establish a connection to the PITreader when the password for the PITreader contains special characters such as @, " or &, for example.
(3354)

Support

Technical support is available from Pilz round the clock.

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