Installation Instructions P2621JH-EN REV A | 2023-12

Cleco

S168722

Tool Service Interface Package

erver	localhost\SQLEXPRESS	Database	AtgProductionData	Script Path	∖Scripts			
ser	ProdSw1	Password	ATG1234!					
	Create Database				ci	- 1		
	Import Data to Database				*20			
E	xport Data From Database							
	Create New TSI User	Administra	tor					
	Backup Database To	C:\ApexToo	olGroup\Backups				ก	
F	testore Database from File				1	INSPECTE	<u>U</u>	

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About this Document

This document is intended for qualified employees responsible for installation and maintenance (administrators, maintenance technician, service).

It contains information

- about installation
- about configuration and function.
- about the software: V 3.1.0

The original language of this document is German.

Other Documents

Number	Document
P2182BA	Operating Instructions - 961502PT Tool Service Interface
	S168704 Cleco License Manager



2 Installation

The software package contains programs for configuring the database and activating the *Tool Service Interface* software. *Tool Service Interface* is used to read, write or copy data from transducers or tool memories.

The package contains the following software:

- ATG WebApi Service
- TSI Database Manager
- Microsoft SQL Server 2019 (64-bit)
- Tool Service Interface (961502PT)
- Cleco License Manager 2 (S168704)

System Requirements

The following requirements have to be met to install the software package *Tool* Service Interface (TSI):

- Operating system: Windows 10 or newer (64 bit)
- Installed main memory: at least 8 GByte
- Free hard disk space: at least 20 GByte
- The user needs administration rights for installation
- Port 7205 needs to be enabled (check firewall settings if necessary)

Installation

The Tool Service Interface software package is supplied as an executable installation file.

- InstallTSIBundle.exe
- InstallTSIBundle.wixpdb
- 1. Copy the installation files to any folder on the laptop/PC.
- 2. Start the installation process by double-clicking on the file InstallTSIBundle.exe.

Apex Local TSI / WebAPI Full Installation Setup – – ×
Software License Agreement
This Software License Agreement, including the Order Form which by this reference is incorporated herein (this " Agreement "), is a binding agreement between Apex Tool Group, LLC, a Delaware limited liability company (" Licensor ") and the person or entity identified on the Order Form as the licensee of the Software (" Licensee ").
LICENSOR PROVIDES THE LICENSED SOFTWARE SOLELY ON
✓ I agree to the license terms and conditions Options Install Cancel



- 3. Agree to the license terms and start the installation with <Install>.
 - The remaining installation steps are carried out automatically.

The following components will be installed (if not already installed):

- Microsoft SQL Server 2019 (64-bit)
- ATG WebApi Service (Windows Dienst auf Port7205)
- Microsoft .Net Runtime 6.0.25-win (x64)
- Microsoft ASP.NET Core 6.0.25 Shared Framework (x64)
- Microsoft Windowsdesktop Runtime 6.0.25 (x64)



- Microsoft Windowsdesktop Runtime 6.0.25 (x86)
- Cleco License Manager 2
- TSI Database Manager
- Tool Service Interface

Deinstallation

- Use "Add or remove programs" to remove the following programs:
- Apex Local TSI/WebAPI (entfernt ATG WebApi Service and TSI Database Manager)
 - Microsoft SQL Server 2019 (64-bit)
 - Tool Service Interface (961502PT)

2.1 Install Database

When installing the *Tool Service Interface*, a Microsoft SQL Server Express instance (localhost\SQLEXPRESS) was already installed on the laptop/PC.

To set up the SQL database, start TSI Database Manager by double-clicking on the desktop link.
 In a standard installation, the input fields Server, Database, User, Password and ScriptPath are already filled in correctly.

Server		Database	An Denderstine Data	Colorente Devi		
Jerver	localhost\SQLEXPRESS	Database	AtgProductionData	Script Path .\Scri	pts	
User	ProdSw1	Password	ATG1234!			
	Create Database Import Data to Database					
E	xport Data From Database					
	Create New TSI User	Administra	tor			
	Backup Database To	C:\ApexTo	olGroup\Backups		-01	
F	Restore Database from File				INSPECT	501

Fig. 2-2: TSI Database Manager

Create Database Schema

This is only required for the first installation.
 To create the database schema for the database *AtgProductionData* on the SQL server instance

- localhost\SQLEXPRESS, press <Create Database>.
 - After successful installation, the following is displayed in the *Progress* output window:

|--|

Fig. 2-3: Database created successfully

If a database with the database name *AtgProductionData* is already installed on this SQL server instance, a confirmation to delete the database is requested:





Delete Database	×
Are you sure you want to delete the database 'AtgProductionData'	
Yes No	

Fig. 2-4: Database is already installed on the SQL server instance

Confirm this message with <Yes> delete the existing database, or press <No> to cancel the process.

Importing data into database

- To import the data for Tool Service Interface into the database AtgProductionData, press <Import Data to Database>.
 - > Importing the data takes several minutes, depending on the performance of the computer.
 - > The progress of the tables already imported is displayed in the *Progress* output window.
 - > Once the data has been successfully imported, the following is displayed in the *Progress* output window:

Import TSI Data to Database 'AtgProductionData' - success	
import isi bata to batabase Atgrioudetion bata - success	
Import Database Table 'Assembly' - success	
Import Database Table 'AssignedDataValues' - success	
Import Database Table Assigned Datavaldes - success	
Import Database Table 'AssignedDataResivions' - success	
Import Database Table 'DefaultDataValues' - success	
inport balabase table belaatbalaviades saecess	
IImport Database Table 'DefaultDataValuesHistory' - success	

Fig. 2-5: Data successfully imported into database

Creating User for Tool Service Interface

To use the *Tool Service Interfacesoftware*, the user currently logged on to the laptop/PC has to be entered in the TSI database. The authorized users are stored in the database in the *User* table. A separate entry needs to be added for each user.

If the user currently logged on is not known to the *Tool Service Interface* software the following error message is displayed:



Fig. 2-6: User not recognized

Creating new user in database

- Enter an username and press <Create New TSI User>.
 - If the user has been successfully created, the following is displayed in the *Progress* output window:

Insert User 'Administrator' into TSI Database 'AtgProductionData - successfully'
--

Fig. 2-7: new user in database created successfully

If a user with this username is already stored in the database, a error message is displayed.



EN 2.2 Activate License

Tool Service Interface is activated with a license via the S168704 *Cleco License Manager* software.

- 1. To license the *Tool Service Interface* software, double-click on the desktop link to start the *Cleco License Manager 2* software.
 - > The licenses already installed are displayed.

Circon License Manager 2.2.0.16229			×
	Cle	CO°	
	Software So	olutions	
Activate / Deactivate License online	Activate / Deactivate Licens	se offline	
Features installed on HG-INSTAL	LTEST (D2F5DFAD-AAA	8-4E36-9B3E-18DC8540C71F):	^
Features installed on HG-INSTAL 	LTEST (D2F5DFAD-AAAA Vers. Licenses	8-4E36-9B3E-18DC8540C71F): Created Installed	Expiration
Features installed on HG-INSTAL 	LTEST (D2FSDFAD-AAA)	8-4E36-9B3E-18DC8540C71F): Created Installed 27.03.2023 27.03.2023	Expiration 01.01.2027
Features installed on HG-INSTAL Name TorqueNet-DataCollection TorqueNet-TraceOverlays	LTEST (D2F5DFAD-AAAH 	-4236-9B3E-18DC8540C71F): Created Installed 27.03.2023 27.03.2023 27.03.2023 27.03.2023	Expiration 01.01.2027 01.01.2027
Features installed on HG-INSTAL Name TorqueNet-DataCollection TorqueNet-TraceOverlays TorqueNet-MaintenanceAdvisory	LTEST (D2FSDFAD-AAA Vers. Licenses 4.0 100 4.0 * 4.0 *	B-4E36-9B3E-18DC8540C71F): Created Installed 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023	Expiration 01.01.2027 01.01.2027 01.01.2027
Features installed on HG-INSTAL IName TorqueNet-DataCollection TorqueNet-TraceOverlays TorqueNet-MaintenanceAdvisory TorqueNet-SpC	LTEST (D2F5DFAD-AAAH Vers. Licenses 4.0 100 4.0 * 4.0 * 4.0 *	-4E36-9B3E-18DC8540C71F): Created Installed 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023	Expiration 01.01.2027 01.01.2027 01.01.2027 01.01.2027
Features installed on HG-INSTAL Name TorqueNet-DataCollection TorqueNet-TraceOverlays TorqueNet-MaintenanceAdvisory TorqueNet-SEC TorqueNet-Email	LTEST (D2F5DFAD-AAA Vers. Licenses 4.0 100 4.0 * 4.0 * 4.0 * 4.0 *	B-4E36-9B3E-18DC0540C71F): Created Installed 27.03.2023 27.03.2023 27.03.2023 27.03.2023 1 27.03.2023 27.03.2023 1 27.03.2023 27.03.2023 1 27.03.2023 27.03.2023 2 7.03.2023 27.03.2023	Expiration 01.01.2027 01.01.2027 01.01.2027 01.01.2027 01.01.2027
Features installed on HG-INSTAL Name TorqueNet-DataCollection TorqueNet-TraceOverlays TorqueNet-MaintenanceAdvisory TorqueNet-SPC TorqueNet-Email TorqueNet-TpsLink	LTEST (D2F5DFAD-AAA) Vers. Licenses 4.0 100 4.0 * 4.0 * 4.0 * 4.0 * 4.0 * 4.0 *	B-4E36-9B3E-18DC8540C71F): Created Installed 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 127.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023 27.03.2023	Expiration 01.01.2027 01.01.2027 01.01.2027 01.01.2027 01.01.2027 01.01.2027
Features installed on HG-INSTAL Name ITorqueNet-DataCollection ITorqueNet-TraceOverlays ITorqueNet-SPC ITorqueNet-SPC ITorqueNet-SpLink ITorqueNet-ParaChangeHistory	LTEST (D2FSDFAD-AAA) Vers. Licenses 4.0 100 4.0 * 4.0 * 4.0 * 4.0 * 4.0 * 4.0 *	B-4E36-9B3E-18DC8540C71F): Created Installed 1 77.03.2023 27.03.2023 27.03.2023 27.03.2023	Expiration 01.01.2027 01.01.2027 01.01.2027 01.01.2027 01.01.2027 01.01.2027 01.01.2027 01.01.2027

Fig. 2-8: License Manager

2. To activate the *Tool Service Interface* software, press <Activate / Deactivate License online>. This requires an Internet connection on the laptop/PC.

← ⊶ Install / Unin	stall Licenses		
Activation ID			
	 Install Uninstall 		
	[Next Cancel	

Fig. 2-9: Activation ID

- 3. Enter the activation key sent by email in the Activation ID input field and confirm with <Next>.
 - > The Tool Service Interface software is registered on the Cleco License Server.
 - > The registration process is displayed in the *Progress* output window.
- 4. To complete the licensing, press <Finish>.
 - > The installed *Tool Service Interface* licenses are displayed in the *Cleco License Manager*.



Concorner License Manager 2.2.0.16229				\times
	CI	eco		
;	Softwa	re Solutions		
Activate / Deactivate License online	Activate / Deac	tivate License offline		
Features installed on HG-INSTALL	TEST (D2F5)	DFAD-AAAB-4E36-9B3E-18	DC8540C71F):	^
Name	Vers I L	censes Created	Installed Evpiration	7
Tsi-CounterReset	2.0 1 *	05.05.2023	29.11.2023 01.01.2026	
Tsi-MemoryEdit	2.0 1 *	1 29.11.2023	29.11.2023 01.01.2026	i
Tsi-LegacyTools	2.0 1 *	1 29.11.2023	1 29.11.2023 01.01.2026	i
Tsi-CellCoreTools	2.0 1 *	1 29.11.2023	29.11.2023 01.01.2026	i
Tsi-CellTekTools	2.0 1 *	29.11.2023	29.11.2023 01.01.2026	i III
Tsi-NeoTekTools	2.0 1 *	29.11.2023	29.11.2023 01.01.2026	i III
Tsi-BtsiTools	2.0 1 *	29.11.2023	29.11.2023 01.01.2026	
Tsi-BdTools	2.0 1 *	29.11.2023	29.11.2023 01.01.2026	1 II.
Tsi-LiveWireTools	2.0 *	29.11.2023	29.11.2023 01.01.2026	1 II.
Tsi-LiveWireMeasurementSystems	2.0 1 *	29.11.2023	29.11.2023 01.01.2026	1
Tsi-Motors	2.0 1 *	29.11.2023	29.11.2023 01.01.2026	1 III

Fig. 2-10: Tool Service Interface licenses installed



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Operation

Start the Tool Service Interface software by double-clicking on the desktop link.

G Tool Service Interface			- 🗆 X
Source	Target		
No. Title Value	Ne.	Title Value	
Read Source Tool Memor	у		
Edit	Settings		
Group 15 - 18/48 Tools	✓ Com Port	COM6	~

Fig. 3-1: Tool Service Interface start screen

EN



4 Troubleshooting

Problem	Possible cause	Me	asure
No valid license found.	License is invalid.	►	Select the correct license file, see chapter 2.2 Activate License, page 8.
User is not authorized.	User of the software <i>Tool</i> Service Interface is not created in the data- base.		A separate entry must be created in the database for each user, see <i>Creating User</i> for Tool Service Interface, page 7.

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