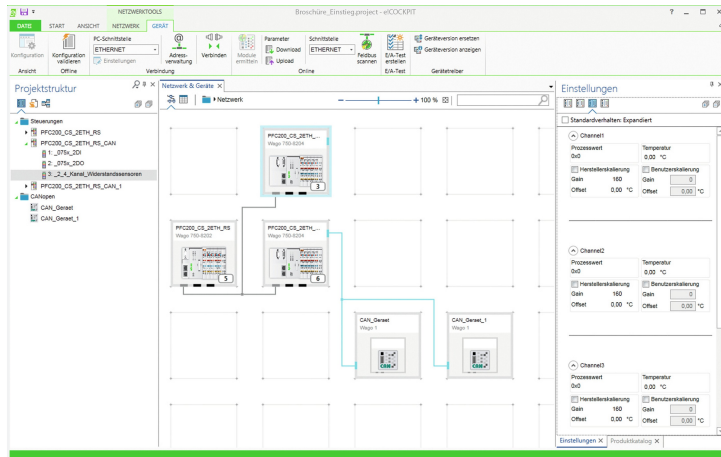




WAGO Automation Software **e!COCKPIT** for faster machine and system startup: WAGO's new engineering software shortens development time for automation projects while impressing with a modern and clearly laid out user interface. At the software's core is CODESYS V3 for simple and versatile creation of applications.

Ensuring a project's long-term viability through sustainable cost savings hinges on the user's ability to quickly adapt to new software that offers a high degree of reusability.

WAGO set out to fulfill these exact requirements by developing its own engineering software: **e!COCKPIT**. This integrated development environment supports every automation task, from hardware configuration, programming, simulation and visualization, to commissioning – all in one software package.

Use the programming tool to handle all important automation tasks, and implement especially complex projects quickly and easily.

Configuration and Parameterization

The integrated **e!COCKPIT** configurators provide state-of-the-art operating tools and workspaces, such as:

- Graphical network topology: Complex relationships between network devices and their current states can be identified easily and intuitively.
- Drag & drop: Simplifies device interaction.
- Copy & paste: Individual devices or whole network branches can be duplicated quickly.
- Batch processing: Parameter values are set simultaneously for several devices.

Programming

e!COCKPIT offers multiple software development options:

- IEC 61131-3 PLC programming languages: Structured Text (ST), Ladder Diagram (LD), Function Block Diagram (FBD), Instruction List (IL), Sequential Function Chart (SFC), Continuous Function Chart (CFC)
- For flexibility, all programming languages can be combined with one another.
- Created programs can be easily debugged on the engineering PC via simulation.
- New paradigms such as object-oriented programming are included.

Visualization

Advanced user interfaces for machine operation and monitoring are standard. Today, HMI-based design is a critical factor that influences the purchase of an entire automation line. **e!COCKPIT** employs Drag & Drop to streamline the design of modern user interfaces. The integrated visualization editor provides:

- Access to IEC program variables
- Closed simulation of HMI and PLC programs on the engineering PC
- Guaranteed language independence via Unicode character set
- Current standards such as HTML 5 and CSS

Diagnostics

Being acutely aware of the automation network's current status is vital for rapid fault localization and debugging – be it during development in the office or directly on the machine during commissioning.

e!COCKPIT provides comprehensive diagnostic capabilities:

- Individual views, for example, always display the controllers' status information both graphically and in tabular form.
- To keep the project on time, error messages are transmitted directly and clearly.
- The structured wiring test function systematically identifies wiring errors.



Notes	
Note	Register for e!COCKPIT Engineering Software: Formular Register here to download and test the Engineering Software for 30 days free of charge.

System requirements	
Supported operating systems	Windows 10
Processor	Core2Duo
Memory	4 GB
Hard disk space	min. 30 GB
Graphics resolution	1,366 × 768 px

Software data	
Supported devices	Controllers based on CODESYS 3; I/O Modules (750/753)
Supported fieldbuses	CANopen, MODBUS TCP/UDP, MODBUS RTU, PROFIBUS
Supported device descriptions	DTP, EDS, GSD
Connectivity	TCP, USB, OPC, CODESYS network variables, CODESYS DataServer
Programming languages per IEC 61131-3	ST; LD; FBD; IL; SFC; CFC
Import/Export formats	CODESYS 3 project files (*.project)

Delivery	
License type	Multi-user license
Delivery type	Installation file (download)
License type (note)	Multi-user license: Allows multiple installations that match the number of purchased li- censes
Licence Generation	DRM

Commercial data	
eCl@ss 10.0	27-24-25-01
eCl@ss 9.0	27-24-25-01
ETIM 8.0	EC000809
ETIM 7.0	EC000809
Country of origin	DE
GTIN	4055143327268
Customs tariff number	88888888888

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2759-101/1110-2015	

Documentation



Manual			
Product Manual Configuring Modbus Networks (TCP/UDP) in e!COCKPIT	V 1.4.0 27.07.2022	pdf 4716.71 KB	↓
e!COCKPIT			↓
Product Manual Configuring EtherNet/IP Networks in e!COCKPIT	V 1.2.0 27.07.2022	pdf 3880.21 KB	↓
Configuring EtherNet/IP Networks in e!COCKPIT			↓
Configuring Modbus Networks (TCP/UDP) in e!COCKPIT			↓
Product Manual Configuring EtherCAT Networks in e!COCKPIT	V 1.2.0 27.07.2022	pdf 4191.13 KB	↓
Configuring EtherCAT Networks in e!COCKPIT			↓
Product Manual e!COCKPIT	V 2.4.0 27.07.2022	pdf 13789.80 KB	↓

Quick-Start Guide			
e!COCKPIT Software Quick Start Guide	V 3.2.0 27.07.2022	pdf 5312.17 KB	↓

System Description			
Software – General Product Information		pdf 368.80 KB	↓

Tutorial			
Store process data using the WagoAppDatalogger	1.0 15.08.2017	mp4 120291.70 KB	↓
Retrieve data from a meter using the M-Bus module 753-649	1.0 08.09.2017	mp4 127004.21 KB	↓
Use Frames for Visualisation Templates in e!COCKPIT	1.0 09.10.2017	mp4 147771.81 KB	↓

Additional Information			
e!COCKPIT Bibliotheksbeschreibung WagoAppBACnet	1.0.1.2 30.06.2022	pdf 577.60 KB	↓
e!COCKPIT Bibliotheksbeschreibung WagoAppBuildingHVAC BACnet	1.0.0.10 30.06.2022	pdf 3059.85 KB	↓
e!COCKPIT Bibliotheksbeschreibung WagoAppSparkplug	1.0.0.1 30.06.2022	pdf 962.08 KB	↓
e!COCKPIT Bibliotheksbeschreibung WagoSolSolutionBuilder	1.0.0.0 30.06.2022	pdf 585.51 KB	↓

Bid Text			
2759-0101/1110-2015	10.01.2019	docx 14.78 KB	↓
2759-0101/1110-2015	19.02.2019	xml 4.97 KB	↓

Application Notes			
Application Note e!COCKPIT		Application Note e!COCKPIT	
eCOCKPIT Application Note WagoAppMP_Bus	1.0.2 06.12.2021	pdf 625.92 KB	↓
eCOCKPIT Application Note WagoAppEnOcean	1.0.3 31.01.2023	pdf 804.01 KB	↓
eCOCKPIT application note WagoSolElsner	1.0.2 06.12.2021	pdf 512.20 KB	↓
eCOCKPIT Application Note WagoAppM_Bus	1.0.5 18.01.2022	pdf 1395.44 KB	↓
e!COCKPIT application note WagoAppDALI	2021-12-06 06.12.2021	pdf 1961.39 KB	↓
eCOCKPIT application note WagoAppBuilding	1.0.2 06.12.2021	pdf 1152.22 KB	↓
e!COCKPIT Application Note TO-PASS	1.3.0 11.01.2021	zip 51189.62 KB	↓
eCOCKPIT Application Note WagoAppSMI	2023-01-10 17.01.2023	zip 3598.46 KB	↓

Application Note e!COCKPIT			
eCOCKPIT Application Note WagoAppDatalogger	1.0.3 06.12.2021	pdf 1353.81 KB	↓
eCOCKPIT application note installation MySQL-Server	1.0.3 09.09.2019	pdf 1868.46 KB	↓
e!COCKPIT application note WagoSolHKW	1.0.2 06.12.2021	pdf 611.79 KB	↓
eCOCKPIT Application Note WagoAppKNX	1.0.3 06.12.2021	pdf 1109.70 KB	↓
eCOCKPIT Application Note WagoAppScheduler	2021-11-08 06.12.2021	pdf 964.05 KB	↓
eCOCKPIT Application Note WagoAppDMX	1.0.3 06.12.2021	pdf 749.91 KB	↓
e!COCKPIT Application Note HVAC macros	2021-12-06 06.12.2021	zip 10154.49 KB	↓
e!COCKPIT Anwendungshinweis: Wago Cloud IO-Connector	2019-12-13 13.12.2019	zip 128614.45 KB	↓
e!COCKPIT Application Note WagoAppWeatherForecast	1.1.1 06.12.2021	pdf 605.65 KB	↓
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e!COCKPIT Application Note WagoAppStepper	1.0.1 06.12.2021	pdf 3306.34 KB	↓
e!COCKPIT Application Note WAGOupload Packages (a2020007)	1.0.2 07.03.2022	zip 1186.83 KB	↓
e!COCKPIT AppNote GENibus (a2021003)	1.0.1 06.12.2021	pdf 755.13 KB	↓

Libraries

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e!COCKPIT Library Description WagoAppCanLayer2	1.6.1.3 23.10.2020	pdf 623.58 KB	↓
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e!COCKPIT Library Description WagoAppDatalogger	1.0.2.0 23.10.2020	pdf 578.68 KB	↓
e!COCKPIT Library Description WagoAppDMX	1.0.1.1 01.07.2020	pdf 485.86 KB	↓
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e!COCKPIT Library Description WagoAppEvent	1.6.2.1 25.05.2021	pdf 629.27 KB	↓
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e!COCKPIT Library Description WagoAppSerial_NMEA	1.6.4.0 23.10.2020	pdf 594.15 KB	↓
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Library			
e!COCKPIT - Libraries - Overview and Migration Instructions	V 1.1.0	pdf 2064.81 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Communication

1.1.1.1 Communication cable



[Item No.: 750-923](#)
Configuration cable; USB connector;
Length: 2.5 m



[Item No.: 750-923/000-001](#)
Configuration cable; USB connector;
Length: 5 m

1.1.2 Software

1.1.2.1 Add on



[Item No.: 2759-404/1420-1000](#)
e!COCKPIT Profiler; Single License



[Item No.: 2759-403/1420-1000](#)
e!COCKPIT Static Analysis; Single License



[Item No.: 2759-401/1420-1000](#)
e!COCKPIT SVN; Single License



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