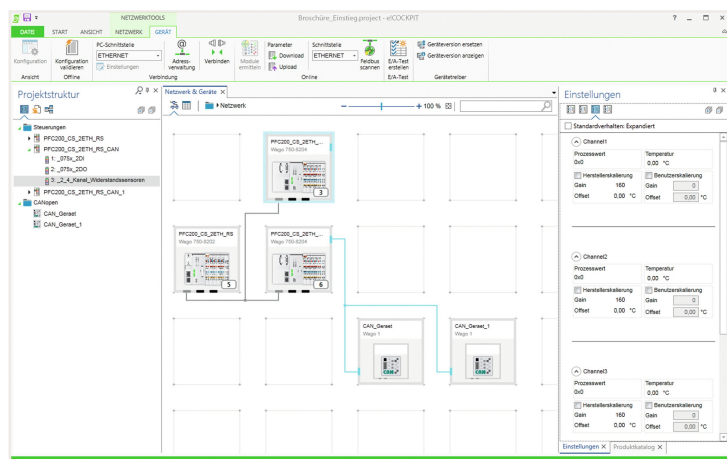




WAGO Automation Software **e!COCKPIT** for faster machine and system startup: WAGO's new engineering software shortens development time for automation projects while impressing with a modern and clearly laid out user interface. At the software's core is CODESYS V3 for simple and versatile creation of 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	Workstation license
Delivery type	Installation file (download)
License type (note)	Workplace license: Allows installation on up to two PCs (e.g., notebook & desktop)
License type (note) (2)	Internet connection may be required for license activation.
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 VKOrg Germany	QU
GTIN	4055143327343
Customs tariff number VKOrg Germany	8888888888

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2759-101/1110-2002	

Documentation

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

System Description

Software – General Product Information	pdf 368.80 KB	↓
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Quick-Start Guide

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

2759-0101/1110-2002	19.02.2019	xml 5.01 KB	↓
2759-0101/1110-2002	10.01.2019	docx 14.79 KB	↓

Application Notes

Application Note e!COCKPIT			
e!COCKPIT Application Note flexROOM® Weather Decoder	2021-11-08 06.12.2021	pdf 920.20 KB	↓
eCOCKPIT Application Note WagoAppMP_Bus	1.0.2 06.12.2021	pdf 625.92 KB	↓
eCOCKPIT Application Note WagoAppEnOcean	1.0.3 06.12.2021	pdf 817.69 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	zip 1961.39 KB	↓

Application Note e!COCKPIT			
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	2021-11-08 06.12.2021	pdf 781.95 KB	↓
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	↓

Application Note e!COCKPIT			
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e!COCKPIT Application Note WagoAppDMX	1.0.3 06.12.2021	pdf 749.91 KB	↓
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e!COCKPIT Application Note Mobotix	1.0.1 17.01.2022	pdf 2186.52 KB	↓
e!COCKPIT application note WAGO Room Automation Macro	1.0.3 19.03.2021	zip 5610.09 KB	↓
e!COCKPIT Application Note WagoSolEAP (a2019006)	2021-11-08 06.12.2021	pdf 659.32 KB	↓
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e!COCKPIT Application Note WagoAppFuse (a2019001)	2021-11-08 06.12.2021	pdf 548.17 KB	↓
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e!COCKPIT Application Note WagoAppPower-Measurement	2021-11-08 06.12.2021	pdf 930.71 KB	↓
e!COCKPIT Application Note BACnet PFC	1.0.0 06.12.2021	pdf 3323.56 KB	↓
e!COCKPIT Application Note WagoSysDynamicsMapping (a2019013)	1.0.2 06.12.2021	pdf 1631.42 KB	↓
e!COCKPIT Application Note WagoAppPower-Supply (a2019012)	1.1.1 06.12.2021	pdf 707.04 KB	↓
e!COCKPIT Application Note WagoAppPower-PlantControl (a2019015)	2021-12-06 06.12.2021	zip 2174.02 KB	↓
e!COCKPIT Application Note WagoAppSolenoid	1.0.1 06.12.2021	pdf 555.15 KB	↓
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

e!COCKPIT libraries			
e!COCKPIT Library Description WagoAppLED	1.7.2.1 30.06.2022	pdf 606.88 KB	↓
e!COCKPIT Library Description WagoAppCanLayer2	1.6.1.3 23.10.2020	pdf 623.58 KB	↓
e!COCKPIT Library Description WagoAppCom	1.7.1.0 21.08.2019	pdf 682.12 KB	↓
e!COCKPIT Library Description WagoAppDatalogger	1.0.2.0 23.10.2020	pdf 578.68 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
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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	Item no.: 2759-402/1420-1000 e!COCKPIT UML; Single License
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