Automation License manager and TIA Portal

TIA Portal - Central Engineering

SIEMEN

The Totally Integrated Automation Portal constitutes the working environment for an integrated engineering for:

• Programming automation systems

Siemens Totally Integrated Automation Portal

Totally Integrated Automation Portal

Start

Devices & Networks

PLC Programming

Visualization

Online & Diagnostics

STEP 7 — SIMATIC Controller

WinCC — SIMATIC HMI

Startdrive — SINAMICS

SITRAIN
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TIA Portal: Scope of the Products

SIMATIC STEP 7

Programming languages
LAD, FBD, SCL, STL"!,
S7-GRAPH*!

** only for S7-300/400/1500/WinAC

Machine-level
operator control
and monitoring

and process visualization (SC

Integration
of drives

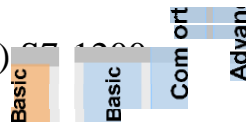WinAC (incl. Failsafe)

S7-1500 (incl. Failsafe)

SCADA

SIEMENS

TIA Portal - Central Engineering Framework

The Totally Integrated Automation Portal constitutes the working environment for an integrated engineering for:

• Programming automation systems
• Visualizing the prcess

S7-300   o
ET 200 CPU, (incl. Failsafe)

Communication

• PROFIBUS, PROFINET, AS-i, IO-Link, Network topology

Shared Functions

• System diagnostics, Import/Export to Excel, UnDo

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TIA Portal: STEP 7 Licensing

Engineering System (ES)

	S7-1200 (LAD, FBD, SCL)	S7-300 / S7-400 / S7-1500 / WinAC (LAD, FBD, STL, SCL, S7-GRAPH, PLCSIM)
STEP 7 Basic	Floating license	
STEP 7 Professional	Floating license	
	Upgrade license	+ generates Combo license STEP7 V5.4 (and higher) and —+ STEP7 V12 Professional parallel installation possible

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