

EcoStruxure Automation Expert licensing

The EcoStruxure Automation Expert license offer is based on 2 types of license:

Workstation seat license

One license requested per engineering workstation seat

Application license

One license requested per physical system
License price sized with number of control signals (sum of I/O)
Portfolio of system options with scaled pricing

Includes:

Build Time tool suite
Latest software version
Engineer Control, HMI, and Archive

Available as:

Single seat (1), Group (3), Team (10), and Entity (100)

Application license

License	Type	Description
Base	Mandatory	EcoRuntime base license to embark on an IEC 61499-based distributed control journey
EAE HMI Runtime	Optional	Embedded human-machine interface engine. <i>A single fee for one or multiple displays</i>
EAE Archive	Optional	To historize data and events
SoftdPAC	Optional	Software controller and containerized, platform-independent EcoRunTime enabling edge computing
SoftdPAC multi OS	Optional	Additional license if SoftdPAC runs on different operating systems (Linux and Windows) within the same system

EcoStruxure Automation Expert – Engineering license

One engineering license is required per EcoStruxure Automation Expert Studio seat. The base engineering license provides the capability to create, configure, and manage IEC 61499 control applications, HMI, archive, and network/device topologies.

Each license entitles a user to :

- Design, development, simulation with HMI, and commission a complete system
- Collaborative engineering (SVN client) plugin
- Physical topology editor
- Free software updates
- Access to private communities on exchange.se.com for:
 - p2p support, libraries, project samples, training materials, TVDAs, etc.
 - 9 am to 5 pm support desk

Engineering licences are perpetual and are available in groups.

Engineering licenses

Designation	Number of seats	Reference
Single	1	EALBT1CZZSXM02
Group	3	EALBT1CZZGXM02
Team	10	EALBT1CZZTXM02
Entity	100	EALBT1CZZEXM02

For EcoStruxure Automation Expert v20.2, a 10-seat team license is available for members of the [Schneider Electric Alliance Program](#) as part of the Alliance Software Package 2021.

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EcoStruxure Automation Expert licensing (continued)

EcoStruxure Automation Expert – Application license

In addition to a build-time engineering license required to create applications, each EcoStruxure Automation Expert runtime requires a single, appropriate application licence in order to deploy and run. Application licenses are sized based on the total control signal count associated with an application and are independent of the control platform or total number of controllers.

Total control signal count is defined as the sum of all the I/O associated with the EcoStruxure Automation Expert runtimes:

Total control signals = sum of digital I/O + sum of analog I/O + sum of soft I/O

Control signals

Discrete I/O

Physical discrete (or 'digital', e.g. 24 VDC input, 240 VAC relay output) input/output channels that are connected via Schneider Electric discrete I/O modules.

Analog I/O

Physical analog (e.g. 4-20 mA input, 0-10 VDC output) input/output channels that are connected via Schneider Electric analog I/O modules.

Note: Intelligent analog I/O modules that can present multi-variable signals are counted as soft I/O.

Soft I/O

A virtual tag or attribute of information that enters the system via digital communications. It is sourced from an intelligent remote device and does not include signal conditioning or engineering units (in the case of analog signals) as it is assumed that this is handled by the source system.

Application license types and function

Application	Type	Description
Base	Mandatory	Base license required to deploy an EcoStruxure Automation Expert application
HMI Runtime	Optional	Human-machine interface license. Can be deployed multiple times within application.
Archive	Optional	Data and event historization license
Soft dPAC	Optional	Platform-independent control runtime for soft control. Can be deployed multiple times within application.
Soft dPAC Multi-OS	Optional	Permits Soft dPAC runtime on multiple operating systems within a single application

References

Once application size and optional features are decided, an application license is ordered according to a matrix of size for a base license, plus optional features.

License references according to size, base, and optional features

Size	Max. no. of controlled signals	Mandatory	Optional			
		Base license	HMI Runtime	Archive	Soft dPAC	Soft dPAC Multi-OS
XXXS	100	EALA00CZZSPM02	EALH00CZZSPM02	EALR00CZZSPM02	EALS00CZZSPM02	EALM00CZZSPM02
XXS	250	EALA01CZZSPM02	EALH01CZZSPM02	EALR01CZZSPM02	EALS01CZZSPM02	EALM01CZZSPM02
XS	500	EALA02CZZSPM02	EALH02CZZSPM02	EALR02CZZSPM02	EALS02CZZSPM02	EALM02CZZSPM02
S	1000	EALA03CZZSPM02	EALH03CZZSPM02	EALR03CZZSPM02	EALS03CZZSPM02	EALM03CZZSPM02
M	2000	EALA04CZZSPM02	EALH04CZZSPM02	EALR04CZZSPM02	EALS04CZZSPM02	EALM04CZZSPM02
L	4000	EALA05CZZSPM02	EALH05CZZSPM02	EALR05CZZSPM02	EALS05CZZSPM02	EALM05CZZSPM02
XL	5000	EALA06CZZSPM02	EALH06CZZSPM02	EALR06CZZSPM02	EALS06CZZSPM02	EALM06CZZSPM02
XXL	7500	EALA07CZZSPM02	EALH07CZZSPM02	EALR07CZZSPM02	EALS07CZZSPM02	EALM07CZZSPM02
XXXL	10000	EALA08CZZSPM02	EALH08CZZSPM02	EALR08CZZSPM02	EALS08CZZSPM02	EALM08CZZSPM02

Pricing on demand is available for larger license sizes. For existing systems, the 'maximum total control signals' includes a tolerance of 15% before switching to a larger package size becomes mandatory.

To simplify the licensing process, there is a Microsoft Excel pricing tool available with release v20.2 of EcoStruxure Automation Expert. Please contact your local sales representative for more information.