



ow gives you those capabilities.

CX-Supervisor is a powerful and advanced software package for machine visualisation that offers a totally flexible, PC-based, HMI environment. Feature rich and with the functionality you would only expect with much more expensive packages, CX-Supervisor is not only suitable for designing simple applications involving small supervisory and control tasks, it also enables you to design even the most sophisticated applications.



3 Form editor: data on project points, which can easily be imported from other CX applications. Enables easy/direct reuse of symbols used in CX-Programmer.

4 Alarm editor: lets you set and visualise process alarm conditions. Automatic alarm acknowledgement and audible warning are selectable.

5 Animation editor: serves the wide range of animations supported to visualise changing process parameters.

6 Recipe editor: recipes are often linked to batches of production. So, use of the editor means you can easily download a new recipe to start a new batch.

CX-Supervisor also has many smart features and supports OPC, ActiveX®, as well as scripting, alarms, animation,



Application analysis: by analyzing project data and the use of script commands, this smart feature looks at each area of the application with a view to improving the overall performance and reliability of the system. Together with the runtime health checker, it lets you tune your system for optimum performance and maximum reliability.

Scripting: several language types are supported, including VBScript® or Omron's own compiled language, enabling you to interact with graphical elements on a page, read/write data and send FINS commands to Omron devices.



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Designed specifically for PC-based machine visualisation, CX-Supervisor makes live easier for you. It can be used in combination with Omron's robust and high-quality Dyalox purpose-built IPC or on any PC system of your choice.

Naturally, CX-Supervisor also has the flexibility and compatibility to communicate with a whole range of cutting-edge plus older devices, including Omron's entire PLC range, motion devices, temperature controllers and sensors. Moreover, future compatibility with new devices is assured with Omron's 'One Connection' Smart Platform architecture.

CX-Supervisor also incorporates smart features that add value to your project. For instance, they can be tuned for maximum performance and reliability and all major parts of the system can be checked to determine if they are running okay and not overloading another part of the system.

Tuning: a 'Health Checker' can be viewed at runtime to monitor each part of the system to protect against overloading. In conjunction with the 'Application Analysis' tool, you can tune your application for optimum performance and maximum reliability.



Item	Value	Unit	Comment
01	1000	ms	Start-up delay
02	1000	ms	Stop delay
03	1000	ms	Reset delay
04	1000	ms	Interlock delay
05	1000	ms	Interlock delay
06	1000	ms	Interlock delay
07	1000	ms	Interlock delay
08	1000	ms	Interlock delay
09	1000	ms	Interlock delay
10	1000	ms	Interlock delay
11	1000	ms	Interlock delay
12	1000	ms	Interlock delay
13	1000	ms	Interlock delay
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19	1000	ms	Interlock delay
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21	1000	ms	Interlock delay
22	1000	ms	Interlock delay
23	1000	ms	Interlock delay
24	1000	ms	Interlock delay
25	1000	ms	Interlock delay
26	1000	ms	Interlock delay
27	1000	ms	Interlock delay
28	1000	ms	Interlock delay
29	1000	ms	Interlock delay
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39	1000	ms	Interlock delay
40	1000	ms	Interlock delay
41	1000	ms	Interlock delay
42	1000	ms	Interlock delay
43	1000	ms	Interlock delay
44	1000	ms	Interlock delay
45	1000	ms	Interlock delay
46	1000	ms	Interlock delay
47	1000	ms	Interlock delay
48	1000	ms	Interlock delay
49	1000	ms	Interlock delay
50	1000	ms	Interlock delay

Translation: you can select and change the language of an application even while it is running.

Supported languages include, English, Czech, Danish, German, Spanish, French, Finnish, Italian, Dutch, Norwegian, Portuguese, Slovakian, Swedish, Russian, Polish and Serbian. Moreover, the runtime environment is fully extendable to support ANY language using text files.

Data storage: you can gather and store machine data for process analysis from any database. CX-Supervisor also has its own data logging function, including a data-log viewer.

Communication: all Omron PLCs, such as the CS/CJ ranges and even the C and CV series, as well as Omron's Trajexia motion devices, ZX and ZS sensors and CecliuX temperature controllers are all supported. And more drivers are continuously being added for registered users.



QUICK REFERENCE COMPARISON

Feature	Machine Edition		PLUS
	Machine Edition	PLUS	
ActiveX®	Yes	Yes	Yes
VBScript®	Yes	Yes	Yes
Recipes	Yes	Yes	Yes
Alarm definitions	300	5000	5000
Animation	Yes	Yes	Yes
Max Devices (PLCs etc)	15	256	256
OPC Connections	Yes	Yes	Yes
Max user defined Points	500	8000	8000
Max point elements	512,000	8,192,000	8,192,000
Max Regular Interval Scripts	10	100	100
Max Num Pages	100	500	500