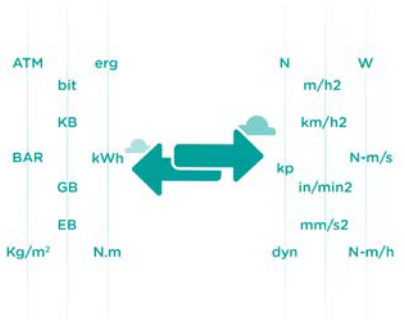
CREW

Our platform. Your touch.

Crew is the innovative ESA Automation software SCADA that allows you to program any HMI or PC.
The Crew suite consists of an intuitive editor with a modern look and feel, and the Runtime component is completely cross-platform. In fact, the Runtime can be displayed both on embedded and open platforms, such as any PC. But Crew is even more versatile: you can also display project pages on mobile devices like smartphones or tablets, thanks to full compatibility with HTML5 technology.

Crew is compatible with the following operating systems:
- Windows XP Pro Service Pack 3
- Windows 7 all versions (32/64 bit)
- Windows 8.1 all versions (32/64 bit)
- Windows 10 all versions (32/64 bit)

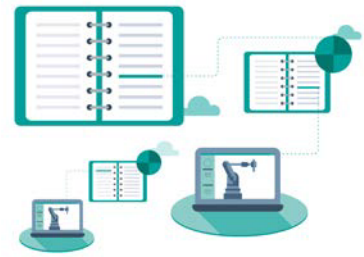


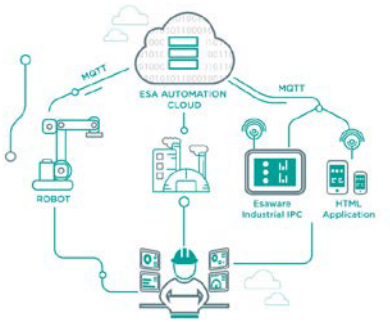
Unit of measure converter

The unit of measure conversion let you develop one single project regardless of the measurement system in use. It is also possible to dynamically convert the displayed Runtime values according to the default or custom available tables.

Scheduler

Thanks to the new Scheduler feature, you can schedule events and associate them to specific actions. The events can be selected from a list where you can find single events or multiple recurrent events.



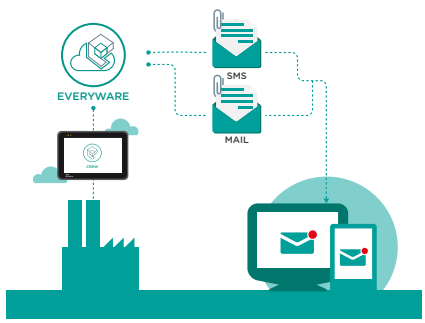


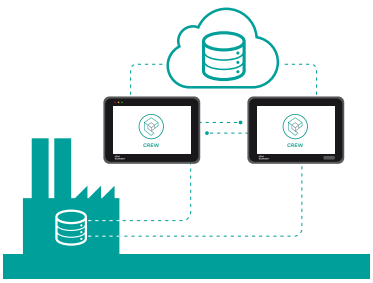
Data export to ESA Automation Cloud with MQTT protocol

Any device programmed using our Crew SCADA can export data to the ESA Automation Cloud platform with standard MQTT protocol.

SMS and Email

With Crew, you can easily send SMS and emails for any event occurred in Runtime.
In this way, when something happens in your plant you are immediately notified. In fact, you can receive Production Data Report because Crew allows you to send email with attachments.
Users can easily configure SMS and email notifications just adding mobile numbers and email addresses.
Crew allows you to differentiate recipients as addressee, cc or bcc, just like any other email service software. There is also the possibility to send emails and SMS to users that are not listed in the project.





Database Functionality

Thanks to Crew you can connect to any kind of database and storing data inside it. Any kind of data recovered in Runtime can be stored such as recipes, alarms or trends. It is possible storing single tags and address them directly to the correspondent database table.
Database has a bidirectional connectivity. This allows you to directly read database tables and directly consult data recovered in Runtime, making the historical records' search easy.
Database connectivity is available for both ARM and X86 platforms.

Crew puts safety first

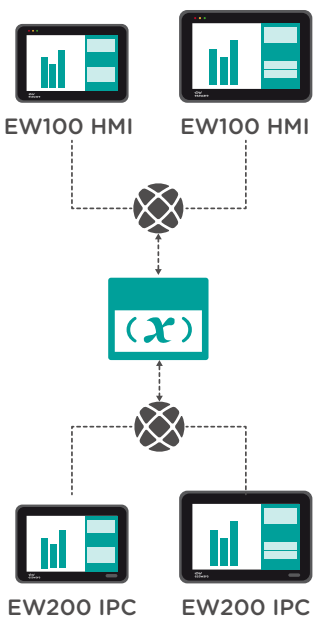
Crew Runtime conforms to the FDA directives, including the CFR21-part 11 about Food and Drugs, and make it very easy to develop applications in compliance with these regulations. Users can also trace, record and authorize all Runtime activities, for example using an electronic signature.
FDA mandatory password change upon first login: more FDA standards traceability offers the optional possibility to change the password during the first login on Runtime.

Crew is also App

Crew App has been designed to control your plants from any mobile device, such as smartphones and tablets. Our native app works with a one-hand free logic and together with the read only and editing mode, it makes the usage of any smartphone or tablet much easier.

Dynamic filters in Runtime

By long-pressing with your finger on the column heading of any view, you can add a dynamic content search filter in an easy and intuitive way. This functionality is very important for maintenance departments. You can find this kind of filters in the Alarm Viewer, Datalog Viewer, Recipe Viewer and the User Viewer.

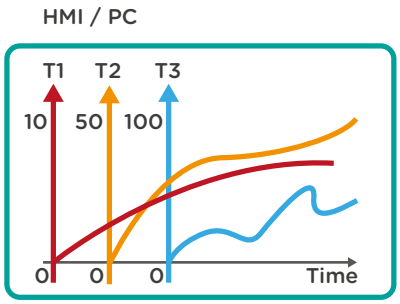


HMI and IPC network project

Create your own network of HMIs and IPCs with a Master/Slave architecture, in order to share all variables and data through a network among all connected devices.

Data structure management and array of structure

Crew let you manage and import structures and arrays. Therefore, you can create project variables that point to the elements of the structure.

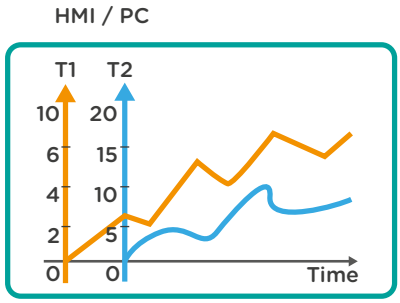


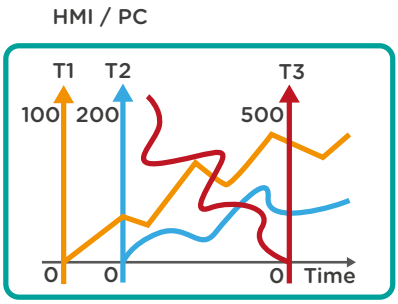
Visualization and comparison of historical trends in Runtime

Once exported trends from Runtime viewing, it is possible importing them again and making comparisons between different historical traces captured in different intervals.

Multi-scale visualization on objects trends in Runtime

For an easy consultation, it is possible viewing at the same time the scales of different pens acquired in trends viewing.
It is also possible to have directly autoamatic adjustment of scales.



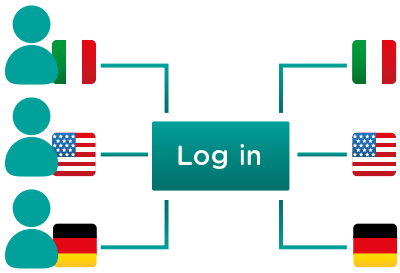


Management of multi scale position on trend objects

For an easy readability it is possible to decide the scale position of each pen inside the trend viewing.

User language

With Crew you have the possibilities to relate the visualization language to the logged user.
With this functionalities it is very easy to manage different users with different languages.



Simulation

With Crew it is possible to simulate your project and your application without driver.
Inside we have integrated for you Simulation Offline and Simulation Online functionalities.

Users from Windows

If your project is inside of the domain network, you are able to import the Users of the project directly from Active Directory of Windows.