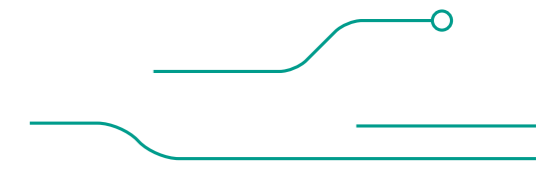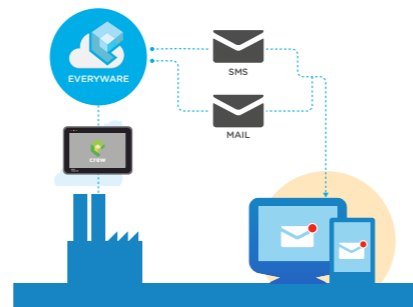# CREW
Our platform. Your touch.

Crew is the innovative Esaware 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)
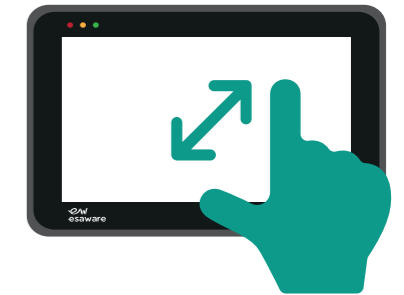- Windows 10 all versions (32/64 bit)

SMS and Email
With Crew, you can easily send SMSs and emails for any event occurred in Runtime so that you can always be updated in real time on what happens in your production plant. Users can configure the SMS and email notifications very easily just by adding the email addresses and mobile numbers. Crew allows you to differentiate recipients as addressee, cc or bcc, just like any other email service software, and it is also possible to send emails and SMSs to users that are not listed in the project. The notification system is managed by our Everyware infrastructure through an encrypted connection, for your peace of mind.

Crew responds to your gestures
Crew Runtime works perfectly with multi-touch applications by quickly adapting and responding to ordinary commands. Details of the project can be navigated and edited with common multi-touch gestures such as "Pinch", "Scroll" and "Swipe" - some of which work even on resistive touch screens - allowing you to zoom in and interact with your project. A unique feature on the industrial automation market. Finally, Crew offers advanced users management options, such as a graphical password system and powerful tools to archive any data.
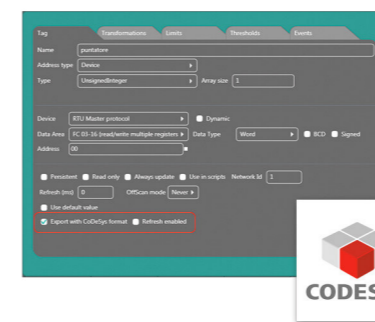
Crew puts safety first
Crew Runtime conforms to the FDA directives, including the CFR21-part 11 about Food and Drugs, and make it very easy to develop applications in compliance with these regulations. Users can also trace, record and authorize all Runtime activities, for example using an electronic signature.

Crew is also App
Crew Apps have been designed to control your plants from any mobile device, such as smartphones and tablets with Android or Windows Phone operating system. 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.
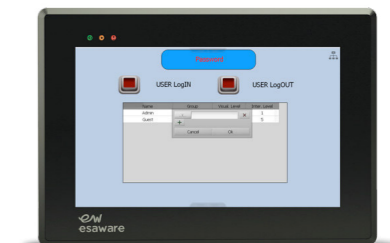
Bridge functionality for better integration with CODESYS SoftPLC
Crew is the first SCADA to have introduced the bridge functionality in industrial automation. We have increased the integration between Crew Runtime and the CODESYS SoftPLC, enabling communication with any device included in Crew drivers list.
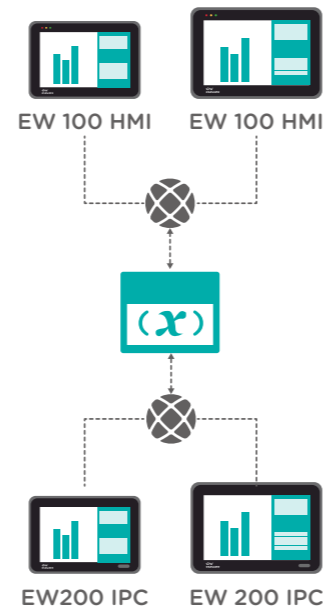
Dynamic filters in Runtime
By long-pressing with your finger on the column heading of any view, you can add a dynamic content search filter in an easy and intuitive way. This functionality is very important for maintenance departments. You can find this kind of filters in the Alarm Viewer, Datalog Viewer, 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.

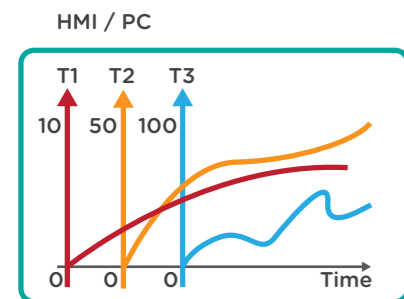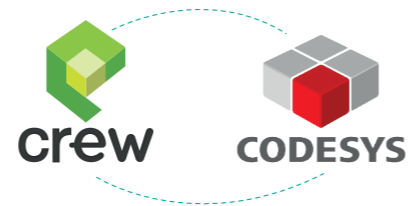EW 100 HMI   EW 100 HMI

EW200 IPC   EW 200 IPC

Data structure management and array of TwinCAT structure and CODESYS

Crew lets you manage and import structures and arrays for TwinCAT protocol and CODESYS. Therefore, you can create project variables that point to the elements of the structure.

Crew and CODESYS

Crew and CODEYS are strictly integrated. It is possible to share in automatic mode all the tags that come from CODESYS projects. Crew also allows you to download and create a backup of the application without the CODESYS editor.
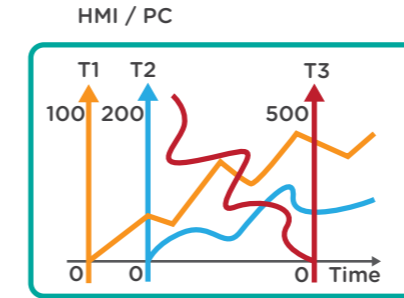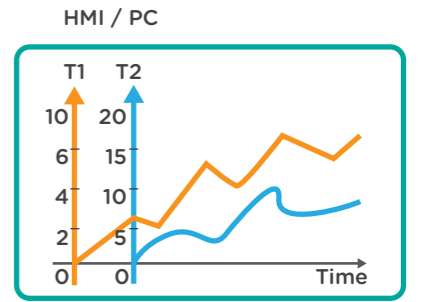
crew   CODESYS

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.

HMI / PC

T1 T2 T3
10 50 100
0   0   0   Time

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.
Is also possible to have directly autoamatic adjustment of scales.

HMI / PC

T1 T2
10 20
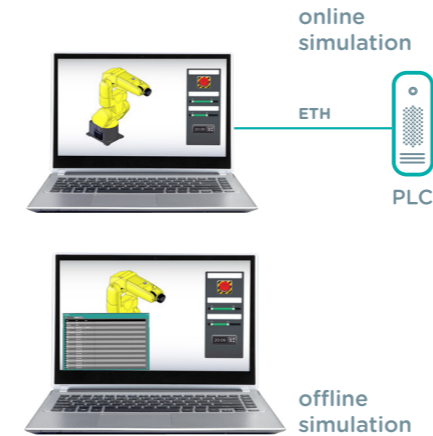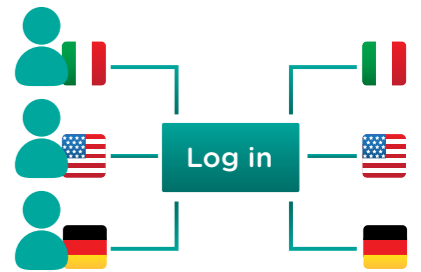6   15
4   10
2   5
0   0   Time

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.

HMI / PC

T1 T2   T3
100 200   500
0   0   0 Time

User language

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

Log in

online simulation

ETH

PLC

Simulation

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

offline simulation

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.

User 1
Psw 1
    User 2
    Psw 2
IPC

User 1
Psw 1
    User 2
    Psw 2
IPC

ETH   ETH

Active Directory
User 1 Psw 1
User 2 Psw 2

Windows Server