

Connect the world



THE MOST INNOVATIVE SOLUTION TO ACCESS YOUR PLANT THROUGH INTERNET BROWSERS.

® **Movicon**  
**Web Client X**

INDUSTRIAL AUTOMATION SOFTWARE

**progea** 

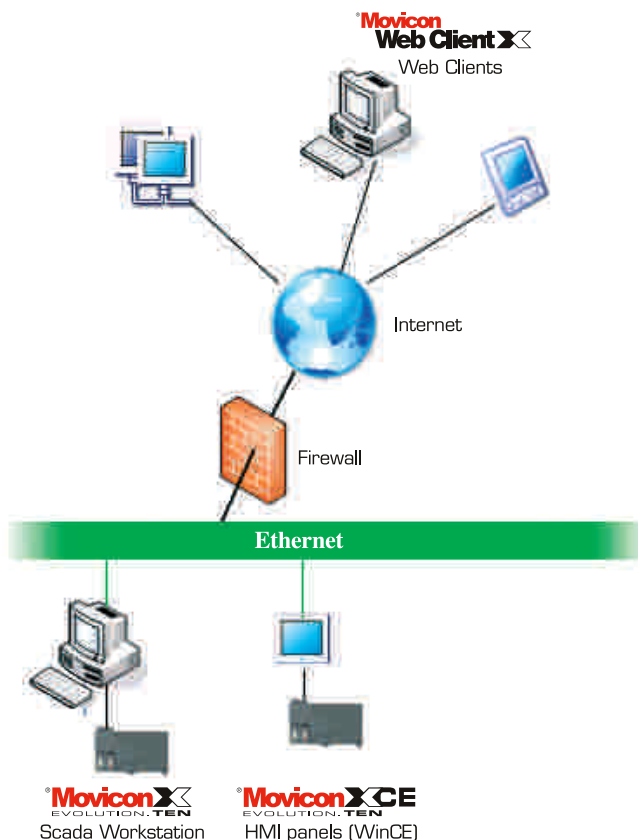
Present in your future

## Movicon Web Client is the most innovative solution for accessing your supervision system via web.

Getting access to factory information in real time from anywhere is a strategic necessity which every manufacturing company knows only too well. This is why Progea has developed the Movicon X Web Client, the innovative software solution based on the most modern Thin Client Java technologies to share real time data through the Internet or Intranet architecture. Thanks to the MoviconX and Movicon X Web Client technology, you can visualize and control each Movicon X supervision station using just a simple browser on the client side, allowing you to drastically cut down costs for management, maintenance and licenses, while at the same time increasing your factory's productivity.

### Firewall Friendly Architecture.

Movicon X Web Client uses the Thin Client model, thanks to which the entire application resides and is processed on the server. This allows centralization of information, making system management and maintenance easier and more economical. The Client displays the screens processed on the server. Information is updated to the Client on event only, using event-driven philosophy. The most advanced technology (Java, XML, Web Services) and the completely exception-based architecture guarantee performance and opportunity of a true innovative architecture. Thanks to the SOAP technology and Web Services, access by Clients to your plant does not require any modification or "opening" of firewalls, guaranteeing access to data in complete safety.



### Web Client X Highlights:

- The Web Client solutions offer access to the server for visualizing and controlling the Movicon X project via web, by means of any browser with any operating system, thanks to the Java J2SE technology. A midlet J2ME also allows support to JavaPhones technology.
- Completely automatic creation of Web pages on server side, merely by clicking the mouse.
- No configuration required, either on Client or on Server.
- High performance, transparent support for project functions and commands by means of a standard browser.
- Safe management of data and security access.
- Communication based on Web Services.
- Entirely Java-based technology.
- Supports Applet J2SE (PC) and Midlet J2ME (Mobile Javaphones).
- Multiplatform support (Linux, Windows, Palm, Symbian, Javaphones).
- Access to server also using plant client's mobile phone.

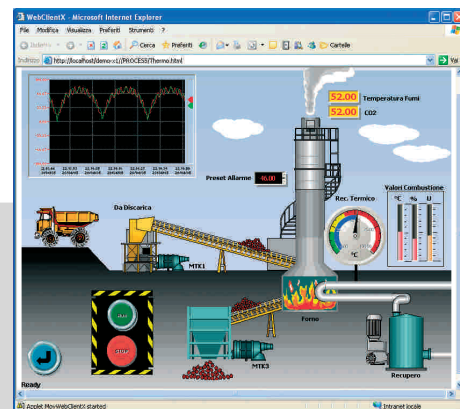
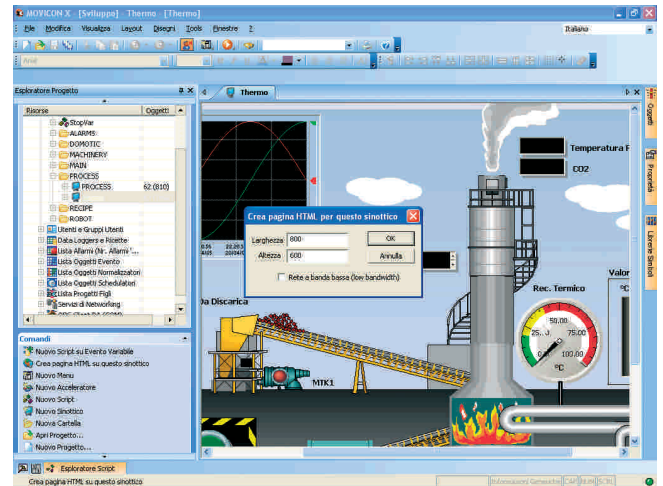
# Firewall Friendly Thin Client Technology.

## Thin Client Web-based architecture.

Movicon X Web Client is based on the Java Thin Client architecture and uses the Web Services communication for visualizing and controlling your automation system from any client station on local or geographic network. The Web Client solution conceived by Progea has the advantage of not requiring any installation or configuration on the server, avoiding complicated configuration procedures while at the same time guaranteeing the client multiusership, bidirectionality and security. If the Server has a Web Server (such as Windows XP including IIS - Internet Information Server), access by the client is completely transparent, by automatic download of applet by the browser which is connected the first time. Otherwise, if the server is a Windows CE station, clients can gain access by configuring the applet on Clients appropriately. The plant Server stations may therefore be either Scada stations based on Movicon X or HMI stations based on Movicon XCE.

## Cost Reducing.

Movicon X Web Client is very light and can be run in any browser with any operating system, thanks to the Java multiplatform support. By using the HTML pages, Movicon X Web Client allows the production process to be visualized from any part of the world using a normal browser, thereby drastically reducing costs without affecting its potentiality. Movicon X Web Client is designed for connecting to URL or IP addresses of any Server Movicon station, simply by using the Internet or Intranet architectures. The innovative advantages of Movicon X Web Client will allow you to monitor and optimize production at low cost, wherever your plant is located, or display and control the automation system or the machine, cutting down costs for licenses, development and system maintenance. In distributed architectures, the software and the data will be centralized only where required: on the Server. The Clients will display and act on the Movicon X project to which they are connected, without having to spend more for licenses



or development, thereby simplifying maintenance. Modifications made on the Server will be immediately available to all Clients. Movicon X Web Client is based on the latest Information Technology for displaying and interacting with the Movicon X server applications. The Progea Web Client technology is based on JAVA, XML, SOAP, and Web Services.

## High technology to remote access your plant.

### Multiplatform

Movicon X Web Client is based on Java (J2SE and J2ME) technology. Thanks to this feature, the Movicon X Web Client can be run on any browser, on any platform being used. Plant data can be accessed, for example, not only by using a Microsoft platform, but also from Linux, Unix stations, from Palmtop or from any other "Java-Enabled" platform. Web Client can also be run on Windows CE. In this case, however, because of the unreliability of the Java engine on WinCE, Progea has developed a special Client component, to guarantee access to the Server also from WinCE stations.

### Web Client for mobile phones too!

Movicon X Web Client is the first and only supervisor that allows you to access as a Client to your plant by using a standard Java-enabled mobile phone (Javaphones 2.0). Web Client is available in Midlet version (J2ME). The multiplatform support therefore comes complete!



Please contact the Progea offices for more information or for a free evaluation CD ROM. Our staff is at your disposal for detailed demonstrations.



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