

**Compact HMI
for Windows CE**

MoviconXCE
Compact HMI for WinCE

® MoviconX
EVOLUTION. **TEN**

Compact Scada for
HMI devices based on
Windows CE

INDUSTRIAL AUTOMATION SOFTWARE
progea

Present in your future.

The same Editor, the same
project, from WinXP to WinCE !

The most powerful and innovative HMI solution

Movicon XCE is the latest generation of compact Scada/HMI for Windows CE.

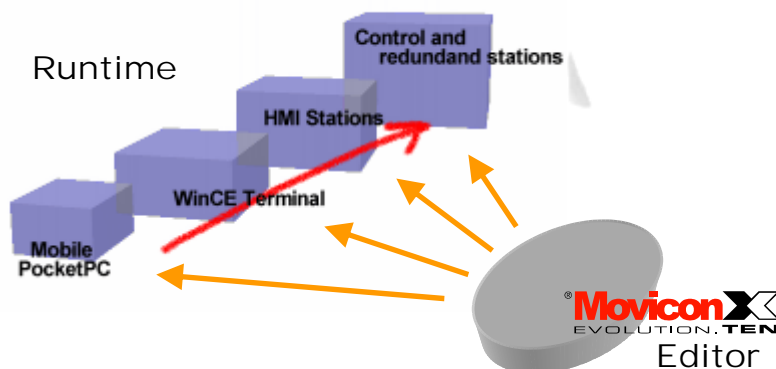
Thanks to the new Movicon X technology, the compact version (Compact HMI) of the Movicon X visualization and control software too adopts the XML and Web Services technologies to guarantee high performance and potential also in the world of PDA and terminals operator.

Movicon XCE supports the Microsoft Windows CE operating systems from the 4.2 version onwards (CE.Net).

By using **the same development tool**, with Movicon X you can provide maximum scalability, realizing applications which can be run in WinXP as well as WinCE.

Only one Editor, the maximum scalability

Movicon XCE is the runtime engine which runs the same XML projects of Movicon X. Your projects can therefore be run on your HMI device, on terminals operator, on PDA, Palmtop PC, Mobile Systems, Wireless (Pocket PC and HPC2000).



A single project, the same file, run on different platforms, thanks to the XML structure of the project.

Easier management, lower maintenance costs, maximum transparency of information.

Movicon XCE Highlights:

- Animated screens with powerful graphic functions
- Graphic interface with the same XP objects libraries
- Recipes Management based on relational DB
- Powerful Alarms management
- Historical Log Events archive based on relational DB
- SMS and E-mail management
- Historical and dynamic trends
- CFR21 Part 11 support even on WinCE
- Passwords with 1024 User Levels and 16 Access areas
- VBA language (instead of VB Script)
- PLC-like logic (Instruction List IL language)
- Data Logger via ADOCE
- OnLine Debugger
- Networking TCP, UDP or HTTP
- Web Services
- Projects based on XML
- OPC Client
- Web Server function for access via Web Client
- Serial drivers (also via Bluetooth) and Ethernet
- Modem management for remote access to PLC
- Bridging management for teleservice on PLC

The features of Movicon XCE.

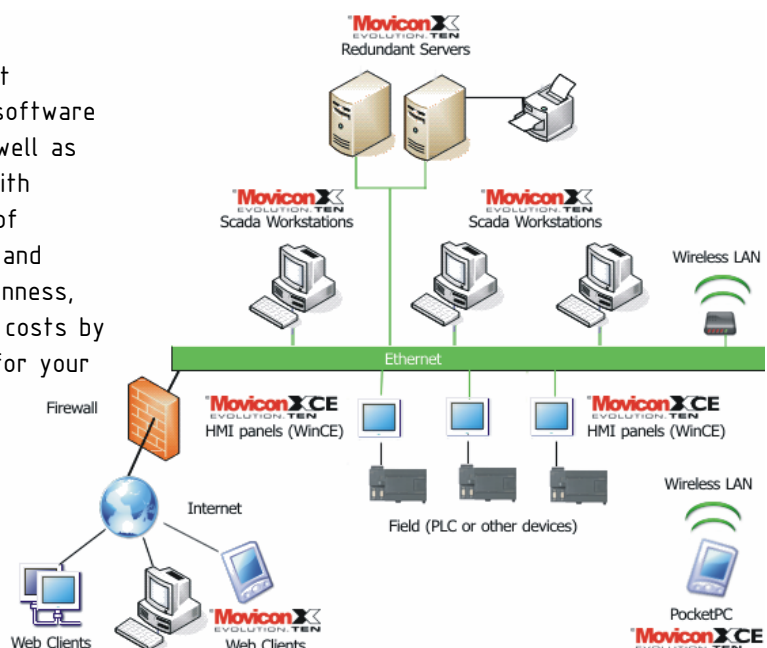
Movicon XCE® offers the possibility of realizing compact and powerful HMI visualization systems. Thanks to Movicon XCE, the terminal operator becomes a small Scada station, offering independence from hardware, connectivity with superior information systems (Scada, management) and increasing the potential on board the machine.



The advantages of using Movicon XCE are:

- **Openness: you can integrate the same projects on different hardware terminals.**
The advantage is that the same software can be retained even if the panel operator change, allowing you to choose the product that most suits your needs. For example, the same project may be executed on Siemens MP270, VIPA, Phoenix, Advantech, ESA, Techmark, Divus, Proface, Pilz, Süttron, IPS or any other operator panel or PDA based on Windows CE.
- **Flexibility: you can integrate your machine information with the plant or with factory's higher level systems.**
The advantage is free circulation of information thanks to the Ethernet and the OPC technology. Any WinCE terminal also has an integrated LAN port.
- **Powerful: Increase your HMI graphic potential.**
Movicon XCE can be considered as a "small Scada", with consequent integrated potential. Powerful graphics, powerful management of alarms and logs with relational DB that can be integrated in network, trends, recipes, scripts, sending SMS and E-mails. All this is ready for use in a powerful, simple programming environment like Movicon X.

- **Reduction of costs.**
Movicon XCE therefore makes it possible to use just one only software for PC supervision (Scada) as well as for terminals operator (HMI), with considerable savings in terms of learning, training of personnel and maintenance. Thanks to its openness, you can also cut down devices costs by choosing the one most suited for your needs, while keeping the same software.



Thanks to Movicon XCE you can visualize and control your plant or your machine using the Microsoft Windows CE operating system, guaranteeing the maximum possible scalability for your software platform and protecting your investment. Movicon offers a unique development ambient for



Projects based on XML

A single programming environment for each of your projects means reduced costs. Furthermore, thanks to the XML structure of Movicon X products, the same project file can be run on WinXP as well as on WinCE, without compiling needs.

Unmatched graphics

The powerful management of Movicon XCE graphics makes it possible to obtain HMI projects with great impact easily in a short time, thanks to the use of integrated large object libraries ready for use.

Powerful Alarms management

Unmatched alarms management, with completely customizable display and logging.

Movicon XCE includes the system for alarms notification via SMS and via E-mail.

Historical logs, DataLoggers and Recipes on DB

Movicon X automatically converts the ODBC connections of the "desktop" project into ADOCE connections on target. This allows to retain the possibility of recording the logs on Relational DB and integrating these with the Factory's information systems (such as, SQL Server)

Integrated VBA and PLC Logic

Movicon XCE integrates all the power of the VBA (Visual Basic for Application) also on your device (the one and only under WinCE !). You can forget the limitations of the VB Script. The PLC-like IL Logics makes it possible to use the real time features of WinCE to control the I/O, like a real PLC.

generating projects from Windows XP to Windows CE.

Movicon XCE is today the most powerful HMI platform available for Windows CE, capable of satisfying all the requirements for visualization and control in a "compact" ambient, without sacrificing the typical potentialities of Scada.

Security and CFR21 Part 11

Movicon XCE introduces a new concept of security in HMI systems. All the project functions are subject to protection with 1024 levels and 16 access areas. Each Tag allows definition of the protection level and its traceability. All the functions for sharing users with the Windows server domain can be handled in automatic mode. Access to the PC can be completely protected, also under Windows CE. All the requisites of the severe CFR21 Part 11 Standard are already implemented and ready for use, allowing easy realization of projects that can be validated by the FDA.

Remote control and Teleservice

Movicon XCE allows remote access via modem, for access to remote devices as well as to allow access in a transparent mode to the PLC connected to the device, to allow complete remote maintainability.

Integrated Web Client

Movicon XCE supports the Web Client function to allow access to the device also via web by means of normal browsers, by means of the Web Services technology.

The Web Client technology offers access also from remote PC stations based on Windows, Linux Terminal and from Javaphones cell phones as well: You can access your HMI device using your standard mobile phone!

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

