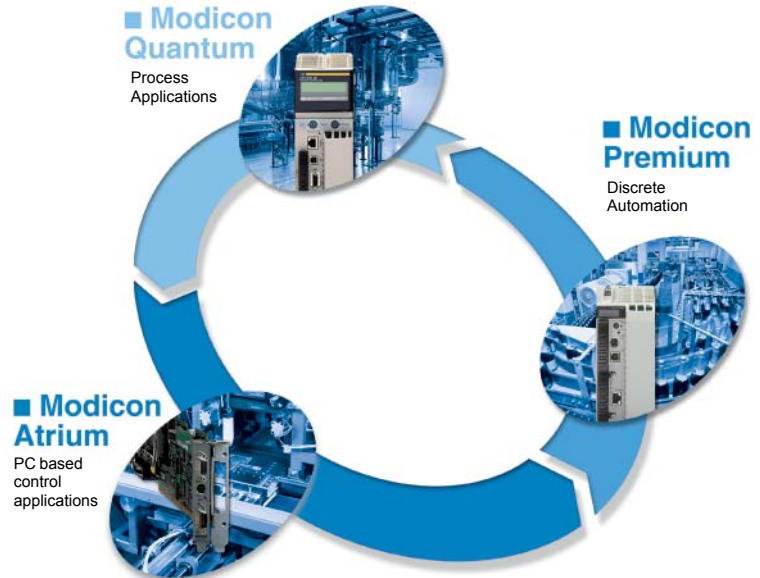


Modicon Quantum automation platform

To the world of Telemecanique

Modicon automation platforms

A family of specialist automation platforms



Modicon is the family name for a set of complementary automation platforms. They are characterized by their extendable memory capacity and increasing execution speed.

Premium, an optimized platform for complex machinery, factory automation applications and infrastructure

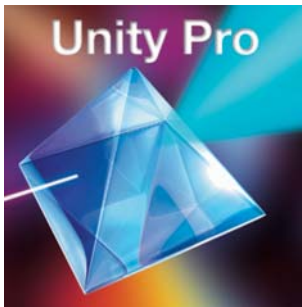
- Up to 7 Mb of program memory
- Compact size and high density I/O modules
- Extension racks for multitrack architectures
- Extensive catalog of sensor/actuator buses, machine buses and fieldbuses
- Integrated Ethernet TCP/IP port on many CPUs
- Motion control, electronic cam, weighing and machine safety modules

Quantum, an optimized platform for batch/process applications, with high levels of availability

- Up to 7 Mb of program memory
- Powerful process control library
- Supports fieldbuses for batch/process applications
- Integrated Ethernet TCP/IP port on new CPUs
- High performance Hot Standby solution
- Special treatment to resist corrosive atmospheres

Atrium, the slot PLC meeting PC Based requirements

- All the functionality of a PLC integrated in a PC
- No compromise between ruggedness and HMI integration



Unity software

A new organizer environment for high end Modicon platforms

To complement the existing software catalog, Unity offers a common environment for Modicon Premium, Quantum and Atrium platforms. Based on the best standards in existing software offers, Unity is a high performance programming tool that can significantly increase productivity by means of:

- State-of-the-art functionality
- Optimum standardization enabling re-use of developments
- Numerous tools for testing the program and improving system operation
- New integrated diagnostic services

The Unity software catalog also offers specialist software representing another major step towards "Collaborative Automation":

- Management of distributed control architecture projects
- Design and generation of batch/process applications with PLC/HMI integration
- Openness to developments in C language or in VBA (Visual Basic for Applications)

Transparent Ready

Web technology serving automation solutions

Let us introduce you to the world of Transparent Ready - a world where products are compatible, interoperable and easy to maintain.

With Transparent Ready, you can:

- Use Ethernet in infrastructures from field level to MES level
- Gain competitive advantage through the adoption of tried and tested technology
- Reduce downtime via Web-based diagnostics
- Create secure inter-factory communication worldwide
- Control costs through the use of standards

Collaborative Automation

The new world of automation

- Rather than opting for proprietary systems, Telemecanique has adopted market standards such as IEC languages, Ethernet TCP/IP, Modbus IDA, XML, OPC, IT standards, etc.
- Partnerships with recognized leading hardware and software specialists have been developed within the scope of the Collaborative Automation Partner Program in an effort to share technology more effectively.
- You will be assured of designing the best solution without compromising on ease of integration.

**Collaborative Automation
Partner Program**

