

Modicon 984 to Modicon Quantum with Unity Pro

Upgrading your control system is easier than you think.

Benefit from modernizing your PLCs:

- Improve process productivity and flexibility
- Reduce unplanned downtime thanks to new technology
- Reduce maintenance costs through standardization
- Capitalize on prior investment by extending your system's lifespan
- Secure and increase data access with the latest industrial networking

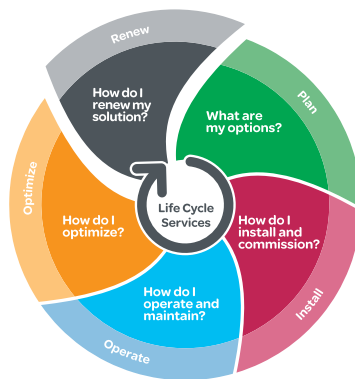


Modicon Quantum PLC

Solutions and services for a smoother modernization

At every project, our Field Services experts deploy proven methodologies and tools, helping you transition to future-ready technology.

- Our unique modernization tools and solutions simplify hardware and software upgrade
- You can upgrade in phases or in one go, depending on your budget
- We minimize disruption by modernizing during planned maintenance



“The support team from Schneider Electric went out of their way to ensure a flawless migration to the new PLCs. We completed the work in a shorter time than anticipated.”


Project leader from a leading liquefied natural gas facility in the Middle East

Minimal conversion

Unity Pro speaks LL984, simplifying migration

Minimal downtime

Typically 1 hour modernization time per eight-slot rack

Legacy I/O racks	Targeted CPU	PARTIAL: retain I/O racks and wiring	STEPWISE: change I/O racks, retain wiring	TOTAL: full replacement
200 Series I/O	 Modicon Quantum			
200 Series I/O			☑	☑
200 Series I/O		☑		

Switch to Modicon Quantum with Unity Pro

LL984 PLC application import and software upgrade:



Direct import¹ of LL984 from Modsoft and ProWORX to Unity Pro



Other than LL984, Unity Pro has 5 other IEC languages, opening up more options in the future

¹ Some applications may require minor adjustments

Modernization solutions for Modicon 984

Software upgrade to Unity Pro

In addition to having the same look and feel as legacy editors, the LL984 editor in Unity Pro also enables easy import of legacy programs:

- Retaining your legacy applications and allowing you to selectively enhance them with the latest programming languages, functions, or libraries in Unity Pro

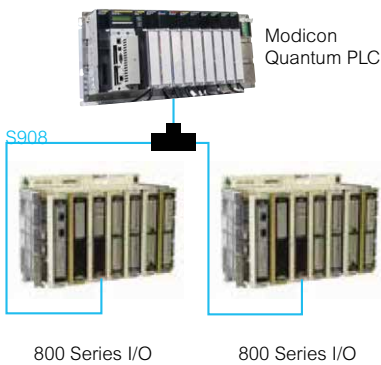
Hardware upgrade to Modicon Quantum and Quantum I/O

PARTIAL PLC upgrade to Modicon Quantum while retaining existing I/O racks and wiring

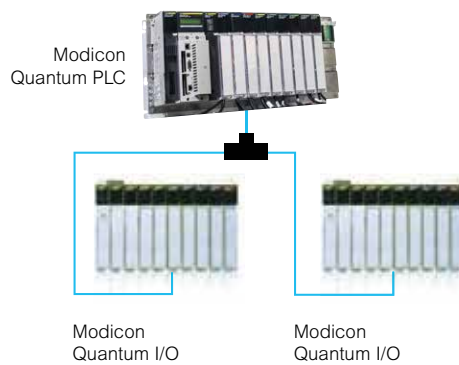
- Modicon Quantum can drive 800 Series I/Os via a standard remote I/O module

STEPWISE or TOTAL PLC upgrade to Modicon Quantum and new Quantum I/O while retaining field wiring

- Time-saving tools available only from Schneider Electric
- Our quick wiring adapters and swing arms let you change legacy I/Os while retaining field wiring



Available for 800 Series I/O



Available for 800, 500, and 200 Series I/O

Benefits

For software

- Retention of prior investment in LL984 programs
- Mitigation of risks with direct import of legacy programs
- Simplified modernization thanks to limited commissioning and training for operators

For hardware

- Retention of prior investment in existing racks and/or wiring
- Simplified modernization thanks to no rewiring and reduced commissioning time
- Operational flexibility to upgrade in phases, in case of operational or budget constraints

Time-saving solutions:



Wiring adapter



Swing arm

For more information, contact: migration.team@schneider-electric.com

schneider-electric.com/processautomation

Life Is On

