Achieve a new level of performance and process visibility

by upgrading your Modicon PLCs

Schneider Electric

Do you want to...

- **Extend the life of your existing automation** with **minimum risk** and minimum investment
- **Capture past investment and intellectual property** within your PLC applications
- **Capitalize on the know-how** of your existing teams
- **Minimize the risk** of unplanned and extended shutdown during the modernization
- **Be future proof**, with an evolution path to the latest technology

Modernizing your plant is much **more than just a technological upgrade.** It is your first step on the path toward **innovative** industrial process management.

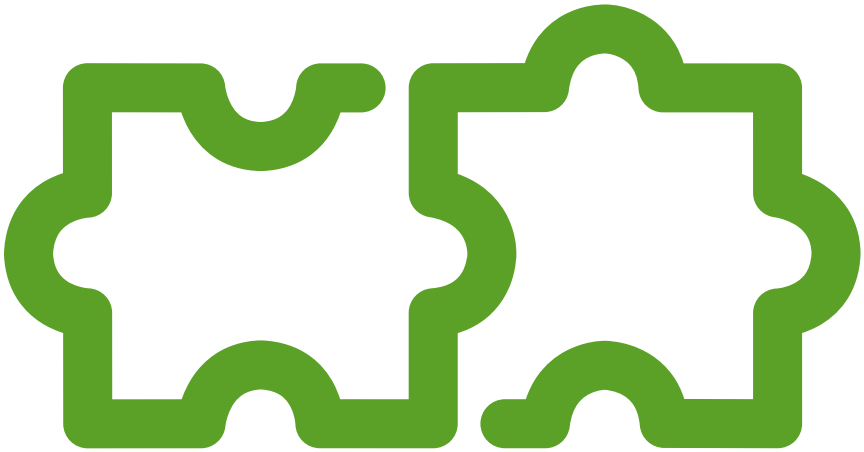
Today, you are looking for **cost-effective** methods of preserving your hardware and programming investment while **extending component life** and improving your manufacturing process. Schneider Electric supports you with **technical expertise**, service and support to ensure that your systems are performing at **optimal performance levels.**

Improve your productivity and protect your past investment in technology by upgrading your Modicon PLCs to modern, state-of-the-art equipment using **simple, effective and affordable** upgrade tools and quick wiring adapters available only from Schneider Electric.

And best of all, our new Unity™ Pro editor allows you to keep your existing 984 Ladder Logic programming! A simple import reduces the cost, time and risk of transferring your unique programming to the current generation of Modicon PLCs.

Stay competitive Easily upgrade your ladder logic programming software

Your ladder logic programming is as unique as your business. Developed and perfected over time, you trust it to run, manage, monitor and maintain your automation systems without issues, avoiding downtime and production loss.



Keep

- Your unique algorithms
- The same familiar interface

Add

- Improved throughput
- Reduced downtime
- Better process visibility

As the world is changing, even the most reliable PLCs need to adapt to keep pace. For our Modicon™ PLC customers, Schneider Electric™ has a ladder logic solution that allows you to keep your existing programming and replace your aging Modicon PLCs with **new, state-of-the-art equipment** that delivers **improved networking, data processing, and response times.**

Unity Pro

Enjoy the benefits of Unity Pro with LL984

The Unity™ Pro development software is the only programming tool you need to fully develop, test, debug, manage, and maintain your applications that leverage the current Modicon line of industrial controllers. And with the inclusion of our new LL984 editor, you can quickly import your existing programming and be up and running with all of the benefits of a modern programming package within minutes.

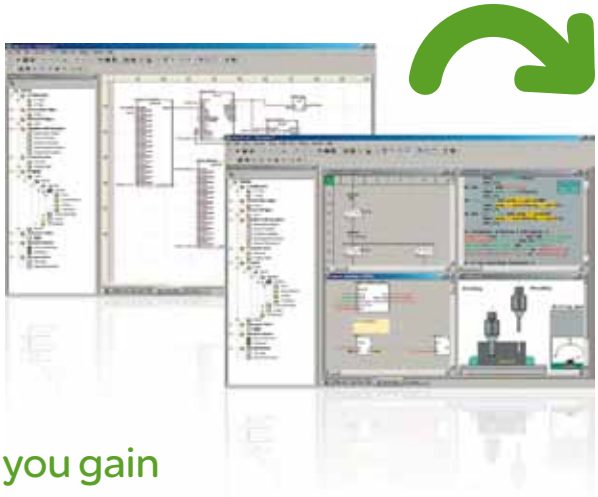
> What is Unity Pro?

A single software package to control your industrial Modicon PLCs with a broad range of functionality and collaborative tools that benefit everyone:

- An easy-to-use graphical user interface with drag-and-drop functionality
- A built-in library of pre-tested application function blocks
- Customizable, user-developed function blocks, reusable in other applications
- Improved platform collaboration
- Advanced, intuitive diagnostics to help eliminate errors
- Compliance with International PLC standard for PLC programming EN61131-3
- Choice of 5 IEC programming languages
- Integrated 984 Ladder Logic as the sixth programming language

Unity Pro software is a key component of PlantStruxure™

Designed with you and for you, to help you meet your challenges of engineering productivity, operator efficiency, and sustainability.



The Unity Pro software utilizes a graphical and context-sensitive Windows® interface that gives you easy access to the tools, resources and information you need. Its customizable working environment maximizes user-friendliness, using:

- 100% graphics-based configuration
- Context-sensitive help and tool tips
- Customizable toolbar and icons
- User preferences
- Advanced drag/drop and zoom functions
- Integrated and synchronized editors for all design elements
- Data entry wizards, code syntax analyzer
- Integrated diagnostics window
- Hyperlinks

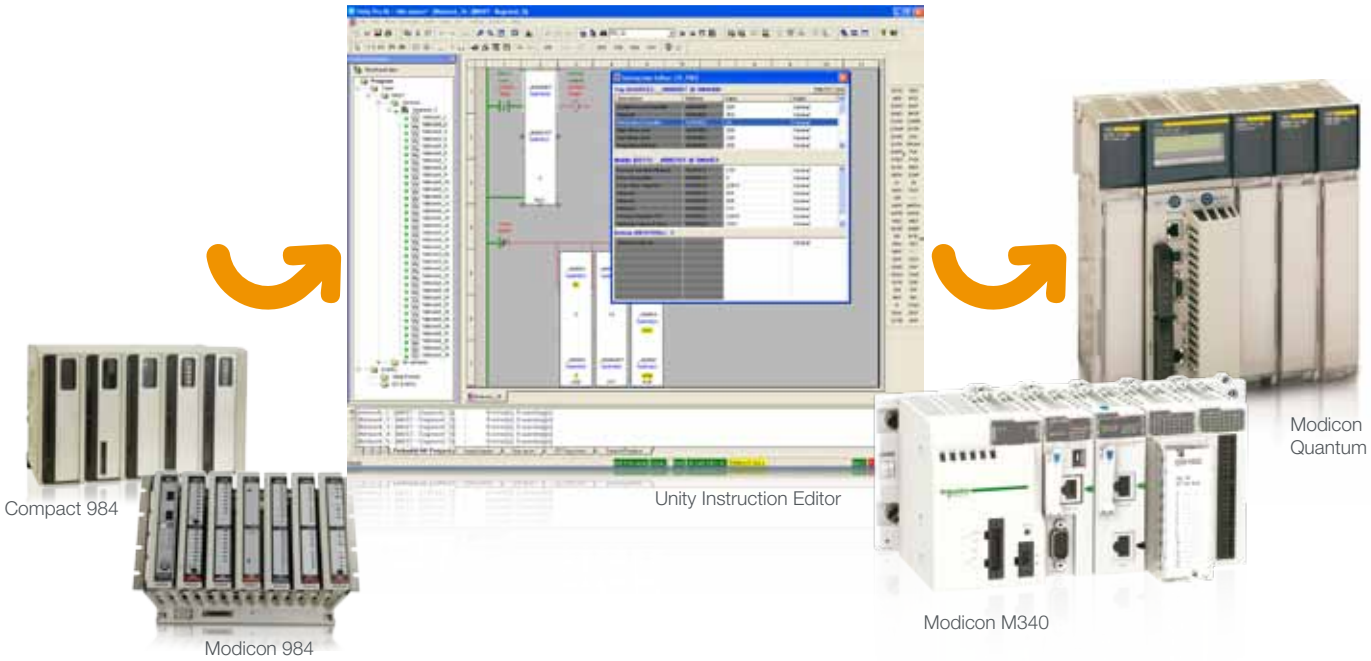
> What can you gain with your LL984 in Unity Pro ?

- The ability to selectively update your PLC hardware without rewriting your programming
  - Import the 984 applications seamlessly into Unity
  - Support the 984 instruction set
  - Support the 984 execution behavior
- Import your legacy logic and start your process back-up in a short period of time with minimal commissioning
- Move to new technology step by step without shutting down the system, allowing your maintenance staff the time to learn the new functionalities
- Minimal training required with a familiar programming editor that looks just like the 984 ladder logic you have been using for years.
- The ability to create hybrid applications by expanding an existing LL984 program with other IEC PLC programming languages best suited for the task.

As a result, you save time and money by reducing on-site development, training of your teams, installation times, and debugging across all your existing applications.

Maximize productivity with new Modicon PLC

At Schneider Electric, we understand that any interruption of production affects your bottomline. Our automation experts have the proven skills to develop a plan for your specific needs, minimizing risk and cost and maximizing the advantage of new technologies to achieve higher levels of productivity.



As the original manufacturer of your PLC, we have an in-depth knowledge of your equipment, and have used it to develop software tools and quick wiring adapters that reduce the risk, time and cost of upgrading your controllers to our state-of-the-art Modicon PLCs.

Our quick wiring adapters give you the flexibility to manage the upgrade on your schedule, minimize the time to change, as well as protect your past investment in technology.

This includes the option of upgrading your CPU and I/O without changing your field wiring in some instances. Not only do you reduce the time and risk of the conversion, but you also benefit from enhanced productivity, process visibility, and improved reliability.

Quick wiring adapters have been specifically designed for Modicon customers who have any of the following products:

- Modicon 984 Slot Mount PLC
- Modicon Compact™ 984 PLCs
- Modicon 884 PLCs
- Modicon 584 PLCs
- Modicon 484 PLCs
- Modicon 384 PLCs
- Modicon 184 PLCs

Enjoy the benefits of upgrading to the new Modicon PLCs:

> Protected prior investment in your application

- Importing of highly evolved 984 LL applications
- Upgraded CPU and I/O without changing the existing field wiring

> Risk-free and cost-effective modernization

- Applications are imported vs. converted
- Limited commissioning
- Reduced cost of ownership

> Take advantage of PlantStruxure capabilities

- Open access to the latest networks and technology development
- Ethernet interfaces for I/O expansion and device connectivity with minimal installation cost
- Direct connectivity to SCADA, MES and ERP systems for better decision making and energy management opportunities
- Increased reliability and uptime

Talk to someone you can trust

When we introduced the first programmable controller, we were responding to the needs of our customers for better, more effective process control. More than 40 years later we continue to listen and work with you to pioneer innovative new ways of delivering value, efficiency, and performance. This commitment has earned us a reputation for dependability, innovation, and reliability that is the defining characteristic of Schneider Electric team members from around the world. This includes product specialists, industry experts, system integrators, and the countless other members of the Schneider Electric family. Each is tasked with continuing our mission to help you Make the Most of Your Energy[SM].

Because the first step is always the most important, Schneider Electric can offer an on-site audit and customized assessment to define the project scope, identify risks, and establish testing and acceptance criteria in order to ensure that we deliver a solution that meets your needs and budget.

To take advantage of the advanced features of the current line of Modicon industrial PLC and the Unity Pro programming software, talk to your local Schneider Electric automation and control expert.

Make the most of your energy

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