

Boost your productivity

by upgrading your Modicon Compact 984



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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
- **Be future proof**, with an evolution path to the latest technology
- **Minimize the risk** of unplanned and extended shutdown during the upgrade
- **Retain connectivity** to any other PLC and HMI/SCADA **without extra reprogramming**



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™.

Stay competitive Easily upgrade your Modicon Compact 984 PLCs to Modicon M340 PLCs with Unity Pro software



There are numerous benefits of advancing to newer Modicon processors, including a **lower cost of ownership, reduced maintenance, and increased reliability** associated with new electronic components. Additionally, you will have better **access to the latest technologies** and state of the art components, **better diagnostics**, and the potential for increased productivity.

Our Modicon Compact modernization solution allows you to incrementally upgrade your processors, software and I/O modules, enabling you to better manage the transition process so that it fits into your scheduled maintenance downtime and budget.

Choose your own modernization path

At Schneider Electric, we have the product, the application and the industry expertise to help you develop a sound modernization strategy. Our proven solutions will allow you to leverage your existing investments in knowledge and equipment while you manage the transition at your own pace.

> Optimize your control system by upgrading your Modicon Compact to Modicon M340 PLC

We have the tools to keep it simple at every level: your hardware, your software, and your network

Your process will be up and running with your new Modicon M340 within one hour*

We will help you convert your platform, without disturbing the field wiring. The Modicon Compact™ terminal blocks fit easily into the Modicon M340 new quick wiring adapter, eliminating the need for rewiring, additional investment, and costly production loss.

Enjoy new capabilities of your software within minutes

Preserve your developed algorithms by easily importing them into our Unity™ Pro software, the only programming tool you need to fully develop, test, manage, and maintain your applications.

Give your plant network a quick and easy boost

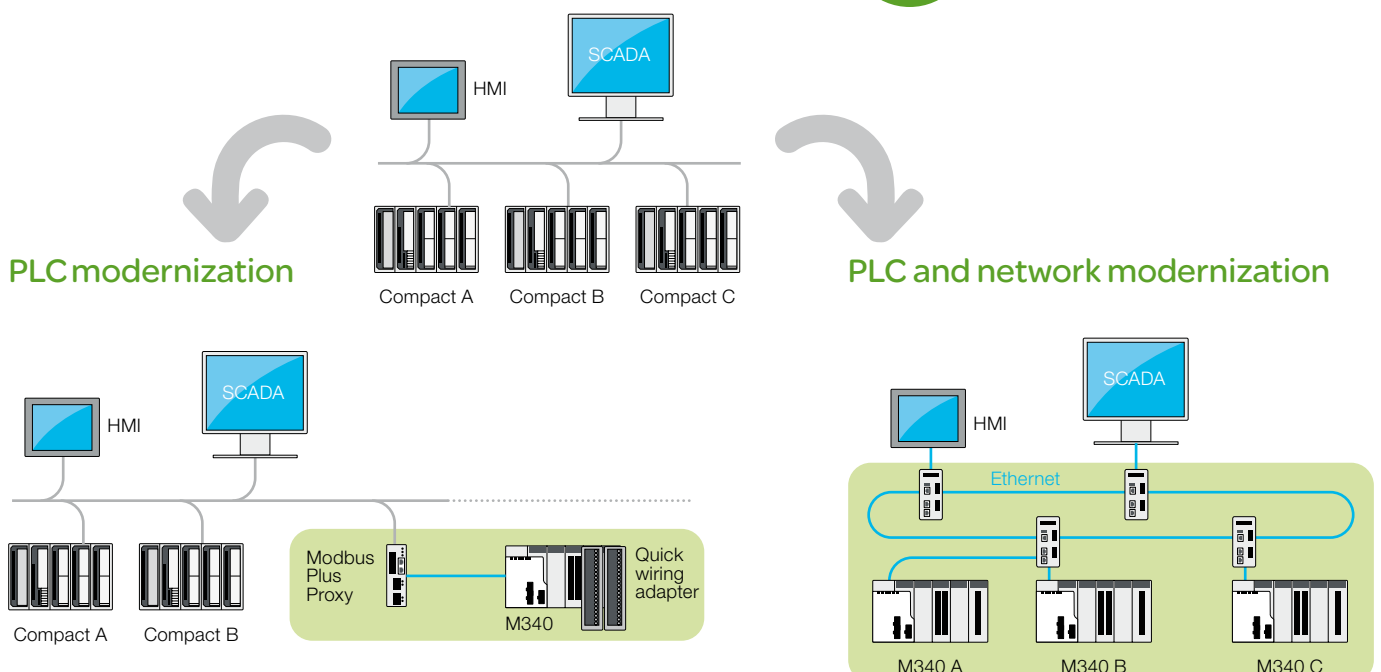
Upgrade to the latest networking solutions of Ethernet and Factory Cast HMI, or maintain your existing Modbus +, adding a Modbus + proxy that will maintain connectivity to other PLC and HMI/SCADA without extra reprogramming.

> What will Modicon 340 give you?

- Easy access to latest network solutions, so you can quickly see the data you need to optimize your production operations
- Faster performance to improve your process throughput in manufacturing operations
- Improved mean time between failures (MTBF)
- Cost-effective to maintain and service
- No dependence on battery for back-up
- SD-Format Memory Expansion
- High-end benefits of a programmable automation controller PAC
- Ready to replace Compact in its most popular applications:
 - Extended backplanes
 - Extended temperature operation
 - RTU
 - Substation automation -125VDC PS and I/O
 - Improved analog I/O



60 minutes*
is all the time you need to upgrade to the latest M340



Open a new window of opportunities

Evolve your control platform to the latest leading edge products from Schneider Electric

> Upgrade to the new Modicon platform, and you will have access to:

- Improved reliability of newer electronic components
- Increased production time and efficiency
- Open access to common enterprise applications via standard Ethernet networking
- Integrated functionality of database applications, email, and browser-based application reports
- Warranty coverage

> While:

- Minimizing production downtime
- Reducing ownership cost
- Retaining your existing investment in PLC, Scada, HMI software applications, and field wiring.



After FKAA (Florida Keys Aqueduct Authority) greatly improved its efficiency by upgrading from Modicon Compacts to the latest Schneider Electric PLCs, Carl Brewster, Chief Information Officer, FKAA, said:

“Prior to the upgrade we had to travel to each and every PLC, covering over 130 miles. Just the transportation and overtime cost to send a technician to one site was huge. We are more efficient now because we’ve eliminated any need to travel to any PLC for troubleshooting. Our technicians can identify the problem remotely and then take any needed equipment with them instead of having to make three-to-four trips for troubleshooting and then repair.”



You can also **standardize** to a single PLC platform by upgrading your Compact to a Quantum PLC. Reduce downtime by keeping your existing field wiring with our Compact to Quantum wiring adapters and save your established application by migrating to Unity.





With Schneider Electric, you always have the choice

Alternatively, if it's not a good time to modernize now...

Schneider Electric has the professional expertise and maintenance services to help you keep your Compact installation up and running while you prepare for modernization at your pace.

> Repair and return

Schneider Electric offers repair services to extend the useful service life of your Modicon PLC. We deliver the highest quality repair at the lowest possible price. Be assured your product will be returned from our service depot in optimal condition.

For maximum security of your operations, we offer you:

- Only Schneider Electric automation-approved components, tested against the most current engineering specifications
- The latest firmware revisions
- Detailed failure analysis

> Advance exchange without downtime

If you need to exchange a product, simply call our customer care centre or your local Schneider Electric correspondent. We will send you a completely refurbished unit with the latest design upgrade. With our large inventory of refurbished units, we are able to deliver replacement products on the next business day*. To prevent any downtime, your original product will be shipped to us only after you receive the replacement component. *only in Europe

Schneider Electric is the best choice to service your automation systems

Depending on your specific objectives and constraints, no matter if you decide to modernize now or keep maintaining your current system, you can be sure that Schneider Electric will be there to support you.

Enjoy the benefits of a modernized control platform brought to you by Schneider Electric:



- > **Increased productivity**
with cutting-edge automation products
- > **Optimized flexibility**
with new open architecture
- > **Reduced** maintenance costs
- > **Enhanced connectivity**
through access to multiple network options
- > **Improved energy management**
with PlantStruxure capabilities

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 EnergySM.

Because the first step is always the most important, Schneider Electric can offer an on-site audit and a customized assessment to confirm the project scope, validate risks, and before review testing and acceptance criteria to deliver just the right solution for 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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