

# Optimize Your Critical Power Applications with High-End Control from a Mid-Range Automation Platform



*What makes the Modicon M340 PLC the ideal choice for your critical power applications?*



Schneider Electric's Modicon® M340™ PLC establishes a new standard for performance by being the first to combine exciting, innovative new features into a mid-range automation platform. As a result, it economically provides the reliability, durability and expandability required for continuous and uninterrupted power in critical power applications and complex redundancy schemes for emergency generation in data centers, hospitals or water and wastewater facilities.

## **It's Rugged and Reliable**

The Modicon M340 requires no batteries and exceeds IEC requirements for temperature, shock and vibration standards. This translates into more mounting options, continuous operations at remote locations and the security that programming won't be lost during power outages.

## **It's Small**

At 4" tall and 3.7" deep, the Modicon M340 PLC is smaller than comparable PLCs, allowing it to fit easily into 6" deep enclosures. It also has high density 64 point I/O cards that are only 1.25" wide for even greater flexibility.

## **It's Smart**

New memory cards enable the Modicon M340 to "Hot Swap" modules without rebooting the PLC for faster access and responsiveness. In addition, 4Mb of memory (expandable to 16Mb) improves the sharing of data by storing drawings, bills of materials and cut sheets right inside the Modicon M340's memory as well as using Faulty Device Replacement (FDR) to store configurations and load them into replacement devices such as drives.

## **It's Web Friendly**

The Modicon M340 features an embedded web browser, which utilizes Schneider Electric's Transparent Ready® web-based connectivity platform for remote monitoring and troubleshooting. This includes enabling the creation of specific web pages using data that can be maintained separately from the application to reduce risk of corruption.

## **It's Connectable**

Implementation and connectivity have never been easier as the Modicon M340 embeds Modbus® Master serial protocol and Ethernet on the same processor. In addition, installation costs and wiring errors are reduced by utilizing a CANopen network, preterminated cables with flying leads and standard USB cabling to link to your programming PC.

## **It's Compatible**

The Modicon M340 PLC is designed to evolve from and with your current applications to provide a simple and easy migration path to serve your immediate and future needs. Existing toolkits and conversion software streamline the replacement of legacy products and the use of the Unity™ software allows you to standardize on a single programming tool.

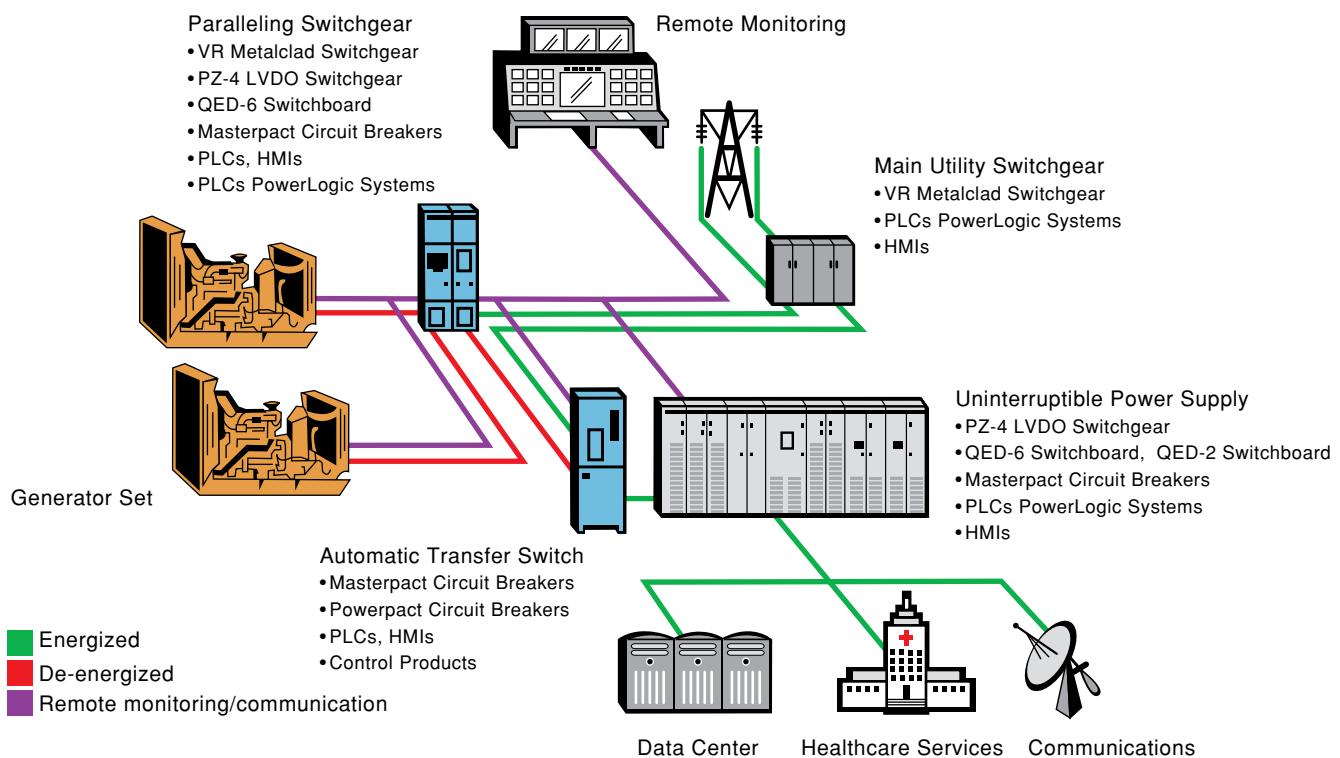
# Modicon M340 PLC for Critical Power Applications

## Unity Improves Performance for Critical Power Applications

Schneider Electric's Modicon M340 PLC is the newest member of the Modicon family of PLCs that includes the Modicon Quantum™ and Premium™ controllers. These three products each utilize the Unity Software package, allowing you to reuse programming across any controller to save time and improve coordination across platforms.

Schneider Electric's Transparent Ready web-enabled power and control platform extends this coordination to include other Square D® and Telemecanique® brand products critical to small to moderate sized critical power applications, whether used in a Panel, QED-2 Switchboard, PZ-4 Low Voltage Switchgear or Masterclad® Medium Voltage Switchgear. This includes Masterpact® NW and NT with available arc flash ratings of 200,000A interruption ratings without fusing and our PowerLogic® Power Monitoring for managing critical system loading information.

## A Critical Power Solution using Modicon M340 PLC



## Experience Makes the Difference

Schneider Electric understands that every application's critical power requirements are highly customizable, with demanding specifications that require a specific background to interpret, understand and manage successfully. We know this from our experience in the field and have assembled a seasoned team of critical power experts who are dedicated to providing complete solutions that meet your unique uptime requirements.

Using this knowledge and experience, Schneider Electric's services teams can provide comprehensive solutions tailored around critical power applications, power system assessments to improve reliability, engineering studies to troubleshoot power system problems, maintenance and testing to extend equipment life and start-up and Commissioning for new equipment installations.

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