



Digital Energy

**Multilin**

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PRESS RELEASE

## GE Multilin unveils a communications breakthrough for protection & control applications

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**MARKHAM, Ontario, Canada**, -- GE Multilin today unveiled the UR Switch Module, an embedded managed ethernet switch for their flagship Universal Relay (UR) family of protection and control products. The UR family of products covers a full range of applications including bus, distance, generator, transformer, feeder, motor, and capacitor bank protection. The introduction of the UR Switch Module allows full station management, monitoring and control functionality, at a greatly reduced cost when compared to using an external Ethernet switch architecture.

The UR Switch Module is a true game-changing breakthrough, allowing for the more efficient and economical design of substation communications. The UR Switch Module has 4 fiber optic ports for use in ring networks and for connection to other protection relays, and 2 copper RJ45 ports for connecting computers and non-fiber optic devices. Using these ports, in the UR Switch Module that contains its own independent power supply, (both high and low volt), GE Multilin delivers a product that allows greater flexibility in panel design, reduces wiring, and eliminates the need for external switches. With the ability to create a redundant communications network with no single point of failure, benefits of both cost and space savings can be achieved without compromising the integrity of the communications system.

The Switch Module features 100 Mbps fiber optic ST and copper RJ45 ports, LED's indicating port status and activity, and compliance to IEC 61850-3 and IEEE 1613 standards. Managed switch capabilities include RMON (allowing for remote data monitoring), QoS (message prioritizing), SSL web encryption, and SNMPv3 (with security).

### About the UR Family

The UR is a family of leading edge protection and control products built on a common modular platform. All UR products feature high performance protection, expandable I/O options, integrated monitoring and metering, high-speed communications, and an extensive library of communications protocols. The UR forms the basis of simplified power management for the protection of critical assets, either as a stand-alone device or within an overall power automation system. For more information, visit the website at

[www.gemultilin.com/urfamily](http://www.gemultilin.com/urfamily)



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**About GE Multilin:**

GE Multilin designs, manufacturers, markets and supports a complete line of protection, metering, control and automation systems, as well as power sensing and industrial communications equipment for utility and industrial applications.

Visit [www.GEMultilin.com](http://www.GEMultilin.com).

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