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Echelon Announces New i.LON[®] SmartServer 2.0 for Energy Management Applications

(San Jose, CA – November 10, 2009) - Echelon Corporation ([NASDAQ: ELON](http://www.nasdaq.com)) announced today the new *i.LON* SmartServer 2.0, a smart energy manager that openly connects systems and devices to enterprise software applications, service providers, and the smart grid. The SmartServer is a valuable tool for energy management and control in commercial buildings, distributed enterprises such as bank branches, chain stores and quick serve restaurants and street lighting. The SmartServer is available now for shipment.

Connected, remotely accessible LonWorks[®] control systems can be grid-aware — able to respond to demands from the electricity grid and react to real-time conditions on the grid. Echelon's SmartServer is a key infrastructure component that can link thousands of electronic devices in energy management solutions to control centers, enabling remote access, control, and monitoring of devices to save energy, improve operations, and lower maintenance costs.

The SmartServer's open platform is designed to connect to IP-based applications such as enterprise energy management solutions, demand response programs, streetlight management systems, and high-value remote asset management programs.

“The enhancements in the new SmartServer enable us to cost-effectively connect with customer equipment reliably and securely and allows us to develop and deploy localized smart grid software applications,” said Terry Sick, vice president, product development and engineering, EnerNOC. “EnerNOC has more than 3,250 megawatts of demand response capacity under management, and the SmartServer is a key part of our solution that allows us to continue to scale our network quickly and dispatch load in real time to respond to changing conditions on the grid.”

The new SmartServer is faster and easier to install, which is particularly helpful to systems distributed over multiple locations, like quick-service restaurants and banks. For example, a major European bank has installed smart control networks to perform centralized energy monitoring and management networks in hundreds of branches. New features in the SmartServer have significantly reduced installation and configuration time.

Key enhancements to the SmartServer 2.0 include:

- *Echelon Enterprise Services 2.0* – Use the new *i.LON AdminServer* for rapid deployment from an enterprise server to multiple sites, and the new data log extractor for faster and lower cost data log transfers from the SmartServer to an archive server.
- *Automatic Network Installation* – Design a network and use the *i.LON AdminServer* tool to automatically discover the network devices and install them.
- *SmartServer Network Management 2.0* – Use the SmartServer 2.0 as a complete network management tool with new network overview Web pages and integrated device configuration support. The SmartServer can be used as the sole network management tool in a network without requiring the integration of other network management tools or servers. The SmartServer can also be seamlessly integrated with an LNS Server and can launch LNS plug-ins for manufacturer-specific device configuration for installing managed networks.
- *i.LON Vision 2.0* – Create custom SmartServer Web pages faster with a new fully-integrated Web publishing tool.
- *Other SmartServer 2.0 New Features* – Secure your SmartServer’s Web pages via HTTPS/SSL; connect your SmartServer to the Internet with a 3G wireless

modem; read SmartServer system information via the Simple Network Management Protocol (SNMP).

“The SmartServer’s built-in I/O capabilities, flexible installation, and multiple connectivity options make it an essential infrastructure piece whether you’re creating a smart streetlight network, optimizing energy use in branch offices, or upgrading a school facility,” said Bob Machlin, Echelon’s senior vice president, products. “It allows end-users to easily move to open automation systems and LonWorks networks, and connect to the most common legacy equipment and automation networks. Given the global drive toward better energy management, transparency, and efficiency, we see the role of the SmartServer as a pivotal one in any company’s long-term management and energy strategy.”

Echelon’s *i.LON* SmartServers are used worldwide in energy savings and control networking applications from building automation to streetlights to quick-service restaurants and retail and bank chains. For more information regarding Echelon’s *i.LON* SmartServer, please visit <http://www.echelon.com/ilon>.

About Echelon Corporation

Echelon Corporation ([NASDAQ: ELON](#)) is leading the worldwide transformation of the electricity grid into a smart, communicating energy network, connecting utilities to their customers, enabling networking of everyday devices, and providing customers with energy aware homes and businesses that react to conditions on the grid.

Echelon's [NES System – the backbone for the smart grid](#) – is used by utilities to replace existing stand-alone electricity meters with a network infrastructure that is open, inexpensive, reliable, and proven. The NES System helps utilities compete more effectively, reduce operating costs, provide expanded services and help energy users manage and reduce overall energy use. Echelon's [LonWorks® Infrastructure products](#) extend the smart grid, powering tens of millions of energy aware, everyday devices made by thousands of companies – connecting them to each other, to the electricity grid and to the Internet. LonWorks based products work together to monitor and save energy; lower costs; improve productivity; and enhance service, quality, safety, and convenience in

utility, municipal, building, industrial, transportation, and home area networks.

More information about Echelon can be found at <http://www.echelon.com>.

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