ECHELON

Strategic. Intelligent. Limitless.

Envisioning the future, indoors and out.

ECHELON

EMBEDDED IIOT PLATFORM

The Industrial Internet of Things (IIoT) is stretching the boundaries of the possible every day. Echelon's proven open-standard and multi-application IzoT™/LonWorks® platform and family of stacks, chips, and modules help customers achieve IIoT connectivity, whether they're deploying new device networks or connecting existing device networks.

Echelon's IIoT tools offer the proven reliability and industrial scale customers demand. And with multi-protocol, multimedia capabilities, integrators and OEMs can quickly, easily, and economically help customers adapt existing infrastructure to provide the benefits of the emerging IIoT. This flexibility speeds up time to market and enables greater application convergence.
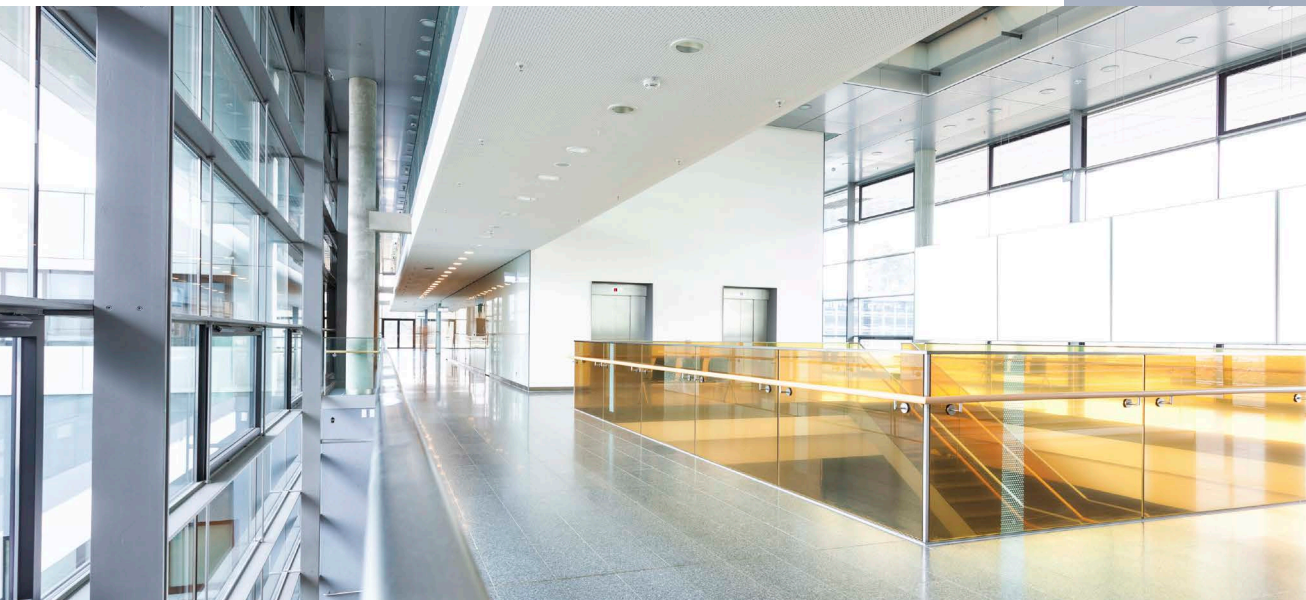
Compatibility
- LonWorks
- BACNet
- IP
- WiFi
- MSTP
- Free Topology
- PLC
- Ethernet

Creating intelligent spaces through advanced control technologies

THE ECHELON ADVANTAGE

- Unsurpassed breadth of solutions
  - Broadest compatibility options for embedded solutions
  - Industry exclusive power line and RF control platforms for lighting
- Scalability
  - Deployed network solutions ranging from dozens to millions of control points in North America and worldwide
- Universal end-point compatibility
- Partners with key decision makers for optimal solution design and deployment
- Future-proof architecture

"A recent customer requested a design for an indoor lighting automation system... With the Echelon FT 6050 platform, the system design, now in progress, will take about four months to complete, including hardware and software, compared to 24 months without the platform. Echelon's FT 6050 is simply the best building automation technology available in the marketplace today."

Adam Guzik, President, Quark Communications

Bellingham, Washington

INTELLIGENT NETWORKED LIGHTING CONTROL

Intelligent lighting creates a responsive and ubiquitous infrastructure both indoors and out. *Lumewave by Echelon™* solutions help meet occupant and enterprise needs with adaptive lighting, predictive maintenance, and valuable data analytics capabilities that can improve business outcomes. Our *Lumewave by Echelon* platform enables customers to satisfy short-term energy-saving and regulatory needs with an architecture that can expand to provide additional operational and strategic value in the future.

STRATEGIC VALUE
Customers achieve significant productivity gains and optimal enterprise outcomes

OPERATIONAL ENHANCEMENT
Customers capture additional benefits in operational efficiencies

ENERGY SAVINGS
Customers save energy and comply with regulations

"...Echelon controls allow us to monitor energy consumption, adaptively dim the lights for increased energy savings, and automatically be alerted of lights that are out of service or are using excess power due to failing components, etc. ...who knows what else might develop in years to come in the industry and Bellingham will be already set up with the infrastructure to implement."

Clark Alan Williams, Superintendent of Traffic/Communications/Fleet and Facilities, City of Bellingham

Echelon Corporation, a pioneer in developing open-standard control networking platforms, delivers elements necessary to design, install, monitor, and control industrial strength communities of devices within the lighting, building automation, Internet of Things (IoT), and related markets worldwide. Echelon sells its lighting products under the *Lumewave by Echelon* brand and its IIoT-related products as part of its IzoT platform. With more than 100 million Echelon-powered devices installed worldwide, Echelon helps its customers easily and effectively migrate existing control systems to the most modern platforms, while bringing new devices and applications into an ever-growing global Industrial Internet. Echelon helps its customers innovate, achieve short- and long-term goals, reduce operational costs, enhance satisfaction and safety, grow revenue, and provide better solutions in both established and emerging markets.

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