

Wireless Communication

Reduce installation time & cost

Emerson's new wireless communication nodes replace traditional network communication wiring, dramatically lowering the installation cost of both new construction and retrofits. Reducing control system installation time, retailers are also able to open their stores faster than ever, while achieving greater system reliability.

Emerson has chosen MESH technology to maximize the reliability and uptime of the control network. A MESH network automatically scans the surrounding area for other compatible nodes. When data is transmitted, any other node within reach communicates this data to the coordinator. With no single point of failure, lost data and broken connections are almost completely eliminated. Each wireless node operates entirely off of standard case power. With no batteries to replace, device maintenance is virtually eliminated.



Benefits

- Reduces installation cost in new and existing facilities
- Minimizes installation time
- Adaptive MESH network technology maximizes network reliability and uptime
- Enables self-contained display cases to be monitored
- Mountable almost anywhere
- Powered off case power, there are no batteries to replace



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Connect Numerous Devices

Each wireless module has the ability to connect components that traditionally use CPC's I/O Net to communicate. This flexibility allows each node to be used for E2 Facility Management Systems, Control Link device controllers, MultiFlex boards, Control Techniques Variable Frequency Drives, and numerous other devices.

Local Access Enables Quick Setup

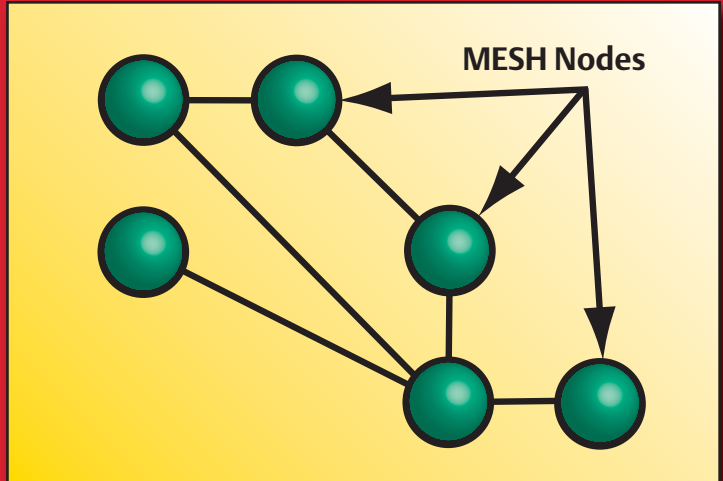
All nodes may be configured quickly and easily with our Hand Held Terminal (HHT). Connecting to the bottom of any node, the HHT's simple interface enables technicians to assign setpoints, configure settings, and even troubleshoot potential issues.



Communication bus input allows quick connection and disconnection

Hand Held Terminal port enables easy setup

Ethernet port for fast connectivity to E2 Facility Management Systems



MESH networks allow for continuous connections around broken or blocked paths by "hopping" from node to node until the destination is reached.

Intelligent Store™ Architecture

Wireless Communication Nodes are a component of Emerson's Intelligent Store™ architecture. The architecture creates an integrated suite of products and services that provide retail operators a new level of sophistication and insight into their operations. When integrated or linked together, these innovative products and services provide maintenance, energy, and reliability gains. Also included in the Intelligent Store are the E2 Facility Management System, Intelligent Store Discus® compressor, select Lennox HVAC units, and other third party devices. For more information on Emerson's Intelligent Store, the Control Link platform, or facility monitoring and field services, please visit www.EmersonRetailSolutions.com



1640 Airport Road NW, Suite 104, Kennesaw, GA 30144
770.425.2724

EmersonRetailSolutions.com

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