

Building Management System Integration for Lutron Lighting Control Systems

Overview

Many Lutron lighting control systems can be integrated with Building Management Systems (BMS). The typical application for this integration is to give the BMS the ability to control lights and shades, monitor system status, share occupancy information with other systems, and log historical system information. Lutron uses the BACnet IP protocol for all BMS integration.

Several Lutron systems have BMS integration natively built into them using BACnet IP. For optimal performance, Lutron recommends direct integration between a BMS and a Lutron system. The use of a 3rd party interface to integrate a BMS and Lutron system is not recommended. Lutron cannot effectively troubleshoot and address system performance issues caused by the complexity introduced by 3rd party devices or interfaces.

Lutron BACnet IP integrated systems are certified by the BACnet Testing Laboratories (BTL) to comply with BACnet standards.

For more information or for a quote to either add BMS integration to your existing Lutron system or upgrade to a Lutron system that supports BMS integration, contact the Lutron Replacements and Upgrade Services (RUS) team via RUS@lutron.com or www.lutron.com/en-US/Service-Support/Pages/Service/Replacements-Upgrades-Additions/ReplacementsAndUpgradesOverview.aspx

Below are lists of Lutron systems that either support BMS integration natively or can be upgraded to support BMS integration. For more information, click on the link for the system below.

Lutron Systems That Offer Native BACnet IP BMS Integration

Quantum www.lutron.com/en-US/Products/Pages/WholeBuildingSystems/Quantum/Overview.aspx

Vive www.lutron.com/en-US/Products/Pages/WholeBuildingSystems/Vive/Overview.aspx

myRoom Plus www.lutron.com/en-US/Products/Pages/SingleRoomControls/myRoom/overview.aspx

Lutron Systems That Can Be Upgraded to Add BACnet IP BMS Integration

Energi Savr Node www.lutron.com/en-US/Products/Pages/WholeBuildingSystems/SoftSwitchESN/Overview.aspx

GRAFIK Eye QS www.lutron.com/en-US/Products/Pages/SingleRoomControls/GrafikEyeQS/Overview.aspx

Softswitch 128 (also known as XPS) www.lutron.com/en-US/Products/Pages/WholeBuildingSystems/XPS/Overview.aspx

LCP128 www.lutron.com/en-US/Products/Pages/WholeBuildingSystems/LCP128/Overview.aspx

GRAFIK Eye 3000 www.lutron.com/en-US/Products/Pages/SingleRoomControls/GrafikEye3000/Overview.aspx

GRAFIK Eye 4000 www.lutron.com/en-US/Products/Pages/WholeBuildingSystems/Grafik4000/Overview.aspx

GRAFIK 5000 | 6000 | 7000 www.lutron.com/en-US/Service-Support/Pages/Technical/LegacyProducts.aspx

Digital microWATT www.lutron.com/en-US/Service-Support/Pages/Technical/LegacyProducts.aspx

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Vive, Energi Savr Node, LCP128, GRAFIK 5000, GRAFIK 7000, and Digital microWATT are trademarks of Lutron Electronics Co., Inc.

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