

Case Study - Chrysler House

Detroit, Michigan



Photo Credit: © Bedrock Real Estate Services

Cooper Lighting
by **EATON**

Renovating with a Smart and Straightforward Lighting Control Solution

Chrysler House, formerly known as the Dime Building, is a historic 23-story skyscraper in downtown Detroit designed by the American architect Daniel H. Burnham and owned by Dan Gilbert's Bedrock Real Estate Services. Chrysler House is one of many buildings being renovated by Bedrock as part of a downtown revitalization effort. Interior and exterior lighting control play an important role in the update of the appearance and functionality of these buildings.

The Greengate lighting control system from Eaton's Cooper Controls business supports these renovation and revitalization efforts by offering all of the advanced functionality desired day and night with lighting control panels, sensors and wallstations that are straightforward and easy to install, floor by floor, building after building.

“Eaton's Cooper Controls has provided truly exceptional customer service and acted more like a partner invested in our success than a vendor.”

- Scott Collins, LEED AP, Project Director,
Bedrock Real Estate Services



Greengate® Energy Management Lighting Control Products

“The Greengate lighting control system satisfies our Smart Building Specification and provides impressive programming capabilities that will allow the lighting system to meet our future control needs.”

- Scott Collins, LEED AP, Project Director,
Bedrock Real Estate Services



Chrysler House - Photo Courtesy of Bedrock Real Estate Services

A Smart System for Today and Tomorrow

Two critical performance considerations of this lighting control specification were system integration and system flexibility. System integration was necessary to coordinate the lighting schedule of Chrysler House with the other Bedrock-owned buildings in the city, streamlining facility management and maintenance. System flexibility was important to ensure the system could meet both the immediate and future needs of the buildings. Today, the Greengate lighting control system provides zone control, scene selection, status reports, and system integration. It is equipped to satisfy future controllability demands that may include greater degrees of personalized control and improved energy efficiency.

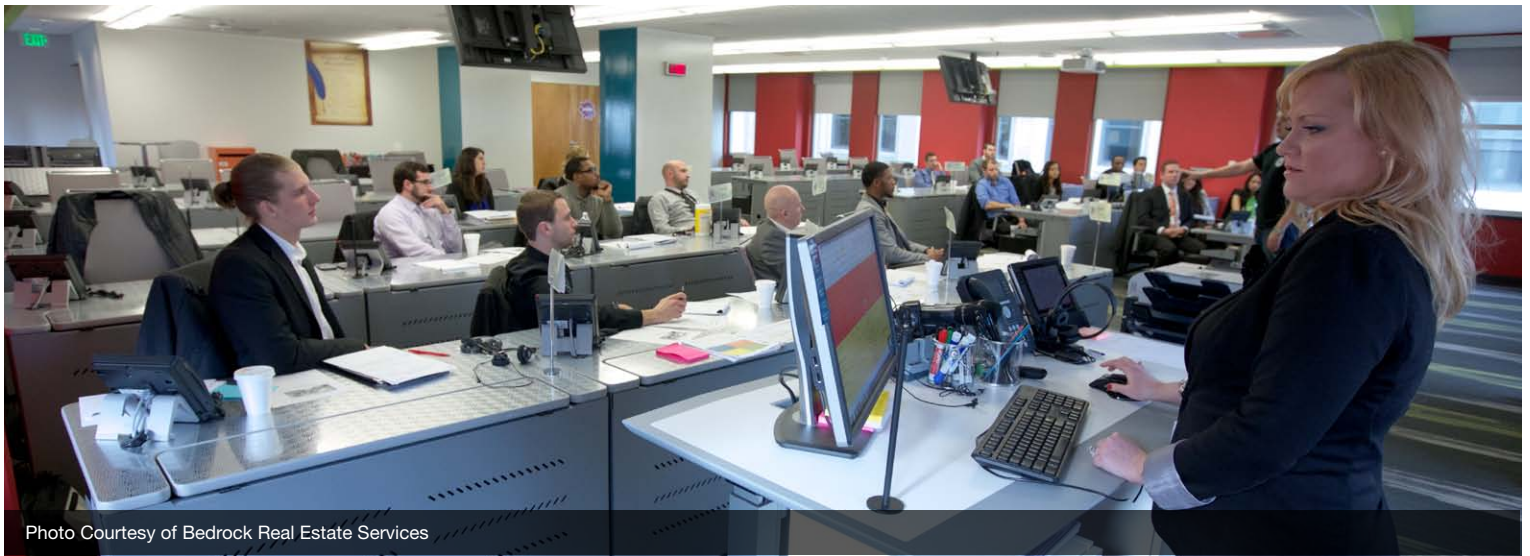
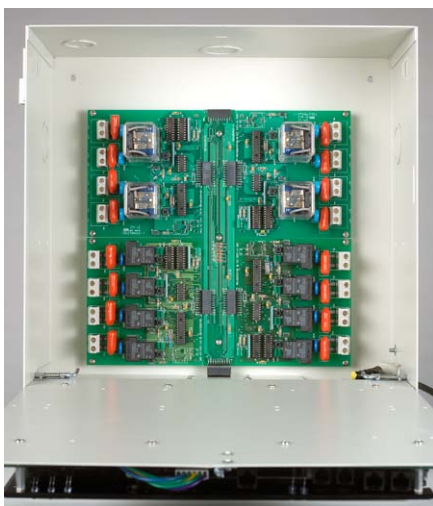


Photo Courtesy of Bedrock Real Estate Services

Easy to Install

Greengate lighting control panel interiors were thoughtfully designed to be clearly understood and easily installed in the field. Relays are installed in the panel at the factory, instead of requiring on-site assembly. When the Greengate panel enclosure arrives on-site, it is ready to be mounted. Simply mount the tub with four screws and begin the installation.

High-voltage and low-voltage areas are clearly distinguished and physically separated by the logic board. When the logic board is in place, installers can access the low-voltage section in the enclosure without risking line-voltage exposure. Flip the logic panel down to reveal the line-voltage area. This straightforward design makes system installation easy, even as the client demands for system functionality become more complex.



Flip the logic board down to access the line-voltage area on the Greengate lighting control panel (shown here)

Light Up Detroit Initiative

Bedrock is determined to breathe life back into downtown Detroit and is using lighting to help accomplish the task. The Light Up Detroit initiative keeps exterior and select interior lights on until 2 a.m. adding a vibrancy and welcoming warmth to the nighttime cityscape. Chrysler House is just one of nearly 30 Bedrock buildings participating in the program.



Photo Courtesy of Bedrock Real Estate Services

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Eaton's Cooper Lighting Product Brands

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Printed in USA
Publication No. ACC140097
August 20, 2014

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