



A Building Clouds Solution

From Legacy to Leading-edge: Transforming Building Operations with Modern Technology

From Obsolete to Outstanding, a BMS Story

Despite **modern amenities** at a large commercial office campus, the Property Management Team encountered issues with an **outdated Building Management System (BMS)**. One building, with twenty-four air conditioning units, faced connectivity problems due to the legacy BMS requiring access from a failing **dial-up modem**. Seeking a solution, they approached Energy ETC Powered by Building Clouds.

Building Clouds proposed a comprehensive solution to modernize the BMS at the three-story building. This solution would incorporate new **state-of-the-art controllers** along with a custom user interface accessible from anywhere using computers, smartphones, and tablets.

A Building Clouds cellular communication kit was installed to facilitate data transfer between the onsite Modbus controllers and the **Cloud-hosted Opendiem BMS server**.

The new Building Management System (BMS) equips building managers with **advanced troubleshooting tools** such as intelligent alarms and data logging, enhancing operational oversight compared to the previous system. The upgrade included a **one-year subscription to Energy ETC's acclaimed BMS Assurance Program**, offering live customer support through their helpdesk.

Partnering with Building Clouds and Energy ETC to modernize their BMS allowed the site to overcome challenges posed by the outdated system. This implementation not only **improved operational efficiency** but also enhanced **tenant satisfaction**, contributing to the site's long-term success and **sustainability**. The modular design of the upgraded BMS allows for **easy scalability** across the rest of the campus and integration of additional features as required.



Solution Components

- Opendiem SAAS by Building Clouds
- BMS Assurance by Energy ETC
- Industrial Cellular Router Kit

Solution Benefits

- Cost-Effective Straightforward Solution
- Single Pane of Glass for Monitoring and Control
- Improved Tenant Retention Rate

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