

Keeping the Cool in the Pressure Cooker

Caxton Associates New York, NY



Caxton Associates is a financial brokerage firm located in the heart of New York City. Being one of the largest international traders and brokerages, Caxton's first-rate reputation and prestige was to be reflected in their new offices at 500 Park Avenue.

The Caxton facility consists of two large data centers and supporting corporate offices, spanning over 5 floors of tenant space. Due to the nature of their business, Caxton's data equipment and supporting HVAC systems required close monitoring and critical alarming, while also being able to interface with the building's legacy controls system.



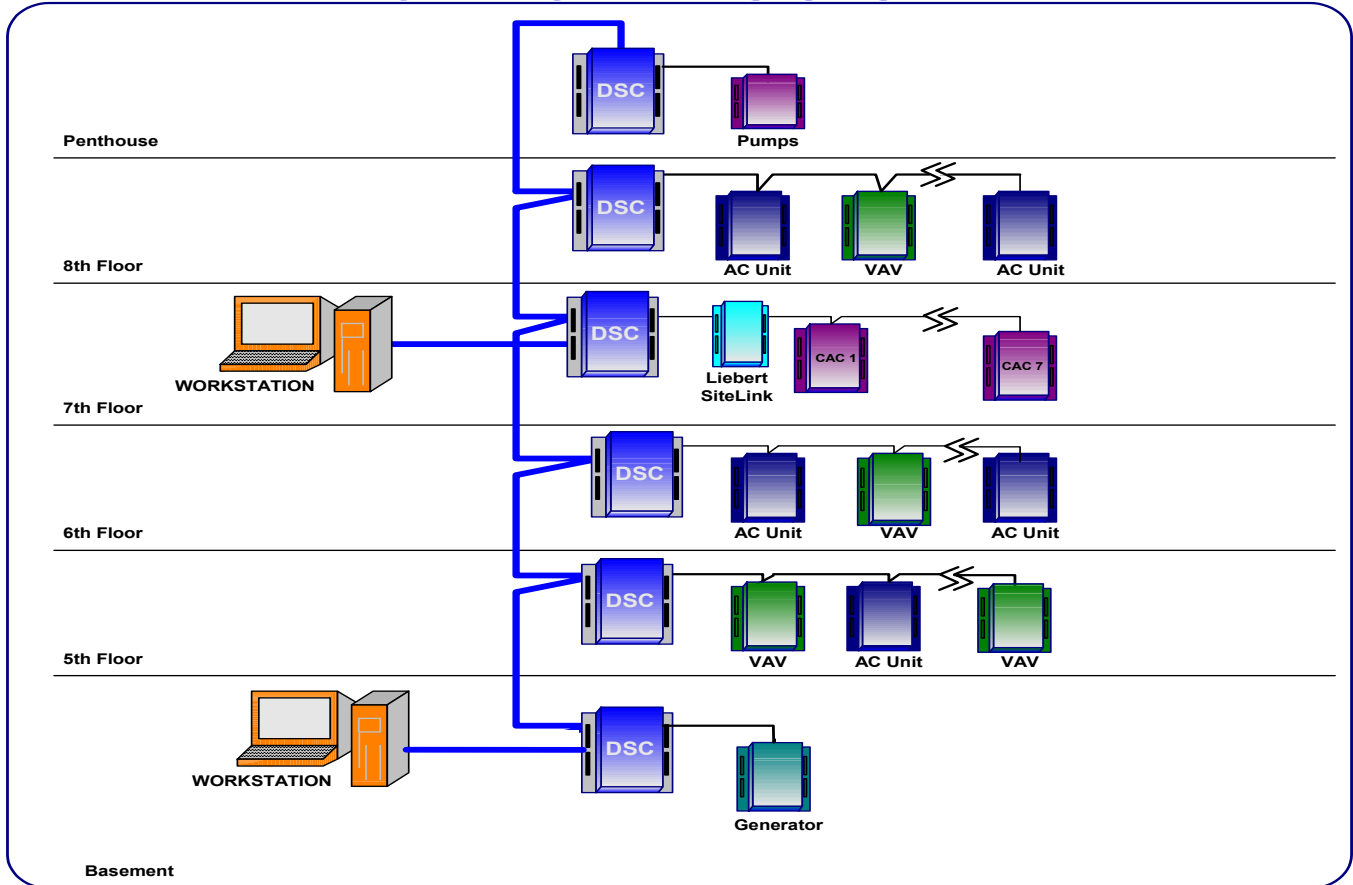
IBC provided the solution by implementing an ethernet network consisting of a central server and two remote workstations with thin client access. By placing one workstation in building engineer's office and the other in the office of the Caxton Director of Facilities, both parties gained access to the monitoring and control capabilities of the system.

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CAXTON BMS SYSTEM



Features:

Controlled Systems: Heat Pump AC Units

VAV Boxes

Plate & Frame Heat Exchanger Control

Glycol Loop Control

Liebert Computer Room AC Units

Data Center Power Distribution and UPS Monitoring

Emergency Generator Monitoring

Control System: Delta Controls

Interface: Thin-client Intranet access

Documentation: Browser access to product cuts and sequences from system graphics

As-builts: Browser access to control drawings from system graphics

Security: Firewall, 128-bit encryption, and passwords

Alarm Notification: E-mails and text paging

Protocol: Industry Standard BACnet at all controllers

Integration: Hardwire Interface to Legacy Andover Controls

BACnet to Liebert Sitelink