Objectivity

Siemens Industry: Manufacturing, Process Control & Automation

The Challenge:

Building control systems have traditionally managed heating, ventilation and air conditioning (HVAC) separately from other systems. Siemens Industry, Inc., an industry leader, and a pioneer of the Industrial Internet of Things, envisioned a greater sophistication: Why not build a control system that would co-ordinate all these variables, as well as monitor building humidity, fire alarms, door locks, security, lighting and other building features, all while collecting historical data and storing network configuration information?

Adding to the complexity, such a system would have to be scalable, for projects ranging from small, individual buildings to entire college campuses with a variety of building sizes.

Siemens' APOGEE product has substantial data and control demands. In addition, programmers needed a seamless integration.

The Objectivity Solution:

Siemens selected Objectivity because of the technology's capability to store the network configuration information, collect historical information, and connect the data collected among a number of various sensors to a controlling terminal.

Historical information (temperature, humidity, etc.) is of particular importance for Siemen's regulated customers such as pharmaceutical manufacturers, hospitals and food processing plants, etc. Objectivity's technology enables the complex processing of APOGEE's highly inter-related data for greater flexibility, accessibility, and control.

> " We evaluated several vendors and found that Objectivity had the best solution for our application," says Joe Studzinski, Director of APOGEE Engineering. "Objectivity's technology provided the distributed architecture and reliability that we required. Plus, Objectivity worked closely with our development team to ensure APOGEE deployed successfully. "

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Objectivity, Inc. delivers massively scalable and highly performant graph analytics platforms that are proven to power mission-critical applications for the most demanding and complex datasets. With a rich history of serving Global 1000 customers and partners, Objectivity holds deep domain expertise in fusing vital information from massive volumes of data and sources to discover unknown connections at speed and scale. Objectivity's technology enables enterprises to make better decisions with precision, scale and efficiency. Objectivity is privately held with headquarters in San Jose, California. Please visit http://www.objectivity.com to learn more.