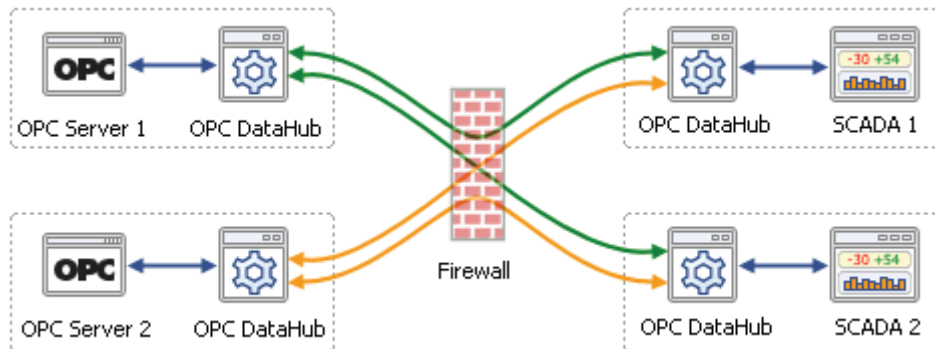


TEVA API Pharmaceuticals - Hungary

Tunnelling and aggregation OPC data through a firewall

Laszlo Simon is the Engineering Manager for the TEVA API plant in Debrecen, Hungary. He had a project that sounded simple enough. Connect new control applications through several OPC stations to an existing SCADA network. The plant was already running large YOKOGAWA DCS and GE PLC control systems, connected to a number of distributed SCADA workstations. However, Mr. Simon did face a couple of interesting challenges in this project:

- The OPC servers and SCADA systems were on different computers, separated by a company firewall. This makes it extremely difficult to connect OPC over a network, because of the complexities of configuring DCOM and Windows security permissions.
- Each SCADA system needed to access data from all of the new OPC server stations. This meant Mr. Simon needed a way to aggregate data from all the OPC stations into a single common data set.



After searching the web, Mr. Simon downloaded and installed the OPC DataHub. Very quickly he had connected the DataHub to his OPC servers and determined that he was reading live process data from the new control systems. He was also able to easily set up the OPC tunnelling link between the OPC server stations and the SCADA workstations, by simply installing another OPC DataHub on the SCADA computer and configuring it to connect to the OPC server stations.

"I wanted to reduce and simplify the communication over the network because of our firewall. It was very easy with OPC DataHub." said Mr. Simon after the system was up and running. Currently about 7,000 points are being transferred across the network, in real-time, using the OPC DataHub. "In the future, the additional integration of the existing or new OPC servers will be with OPC DataHub."

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The OPC DataHub is a highly optimized integration tool for real-time data. It provides quick, reliable and secure access to valuable process and production data and makes it available to management systems, database archives, and remote clients. Combining a number of innovative technologies, the OPC DataHub makes it easy for you to access the real-time data you need to make informed and timely decisions that save time, reduce waste, and increase profitability.

Founded in 1995, Cogent Real-Time Systems is the leader in real-time data integration between Windows, Linux and QNX systems. Customers include the Bank of Canada, Cadbury Chocolate and the European Space Agency. Cogent leverages its experience in real-time data communications to provide the next generation of OPC products. For more information, please contact Cogent at info@cogent.ca or visit our web site at www.opcdatahub.com. You can also call us at +1 (905) 702 7851.