

#### Interface with OSI Pi Historian

**Problem:** The EPA requires us to log flow and temperature data from our smoke stacks. Currently we are using a historian package called Pi from a company called OSI. Since these signals are not used for control, we really don't want to take them to our expensive I/O cards in our DCS. Do you offer cost-competitive I/O that could connect to our historian over our plant Ethernet backbone?

**Solution:** The NET Concentrator System (NCS), as standard, provides the provision to communicate over Ethernet using our Ethernet Interface Module (EIM). The EIM gathers data from our universal I/O modules and sends that data over 10/100Base-T Ethernet. The EIM supports OPC and MODBUS/TCP. We offer an OPC server for the EIM that can be loaded on any PC or Windows-based workstation. The OSI Pi Historian has an OPC client interface that allows collection of these monitoring points. Pi Historian also supports MODBUS/TCP.

