

### Process Control and Distributed I/O Networks

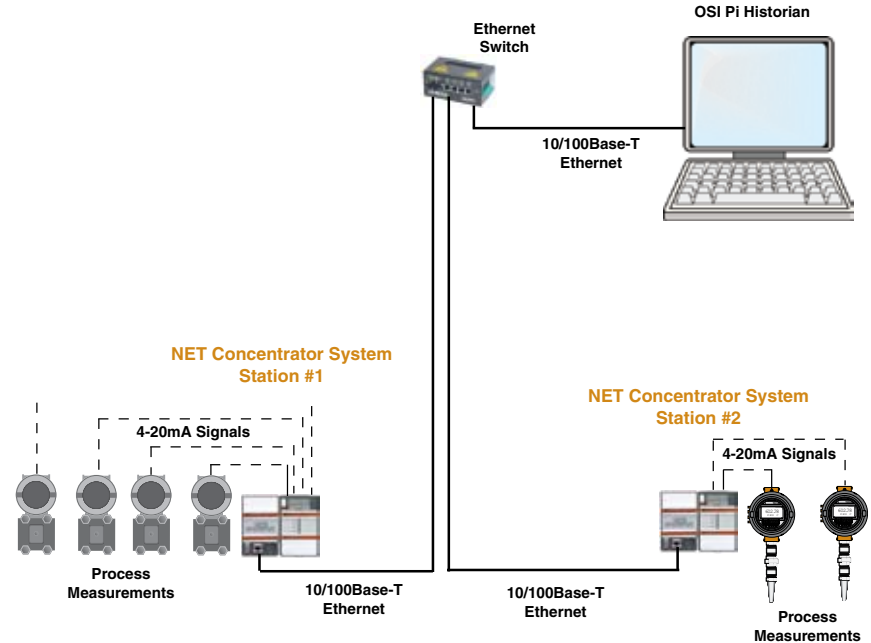
#### Interface with OSI Pi Historian

**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 NCS NET Concentrator System®, as standard, provides the provision to communicate over Ethernet. The NCS gathers data from our universal I/O modules and sends that data over 10/100Base-T Ethernet. It supports OPC and MODBUS/TCP. We offer an OPC server for the NCS 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.

#### Model Number Examples

**Model Number Examples:**  
EMM / COM / SM / 20-30DC [DIN]  
AIM / IO / AI4 / IP [DIN]



**[Go to the Process Control and Distributed I/O Networks Systems Selection Guide](#)**