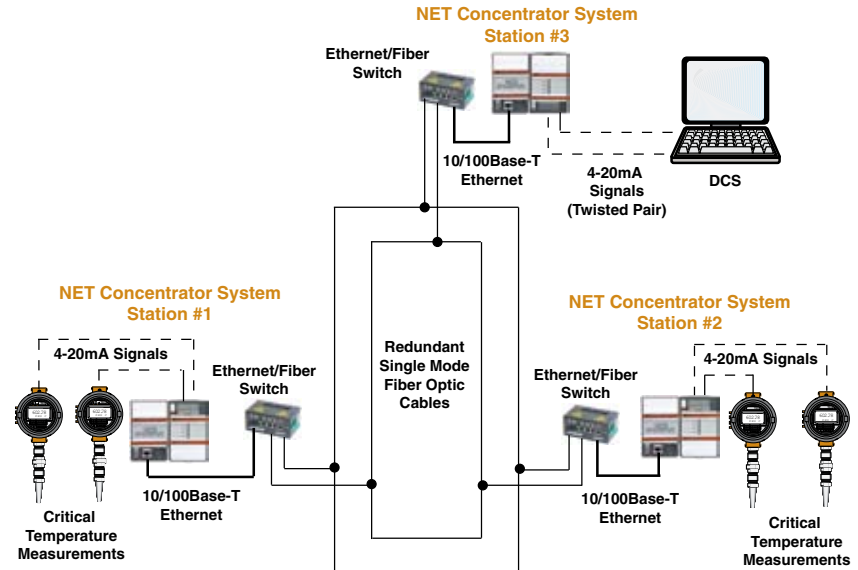


Process Control and Distributed I/O Networks

Utilize Fiber Links for Critical Remote Signals

Problem: We have a couple of critical 4-20mA signals in remote locations that need to be brought into our DCS for trending and alarming. These signals are critical to our day-to-day production schedules. Can the NET Concentrator System[®] be used with the fiber backbones that are already in place?

Solution: By implementing fiber switches, a redundant fiber ring can be established between the remote locations and the control room. The NCS can then accept the 4-20mA signals from the field and transport them via fiber to the control room where they are converted by the NCS back to the original 4-20mA signals.



Model Number Examples

EMM / COM / SM / 20-30DC [DIN]

AIM / IO / AI4 / IP [DIN]

AOM / IO / AO4 / IP [DIN]

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