Problem Solvers
Practical Application Ideas and Technical Information

## Transfer Critical Signals Over a Wireless Data Link

Problem: We have several dispersed locations throughout the county where we need to access fluid levels and pump parameters at lift stations. Do you have a solution that can be remotely installed to monitor analog and discrete signals and then transmit them via a wireless data link?

Solution: Use the NCS NET Concentrator System to collect the analog and discrete signals from the dispersed lift stations. Then use our WNM Wireless Network Module to send the data over a wireless network back to the control system. At the opposite end of the data link, an NCS station collects the data from the Wireless Network Module, and then re-create the original analog and discrete signals for direct input into your control system.
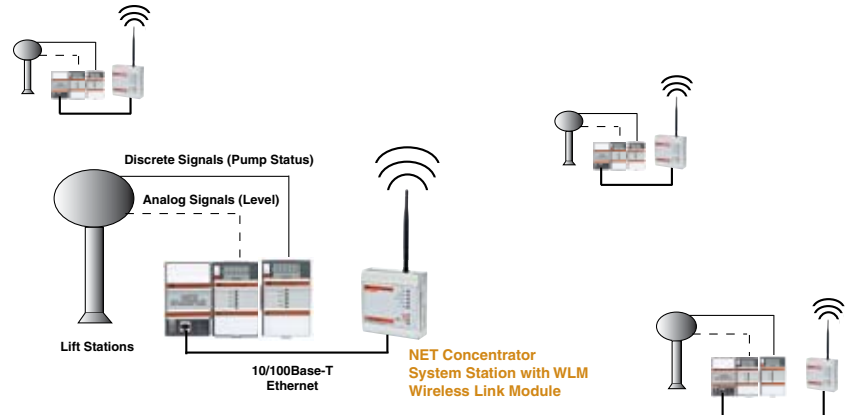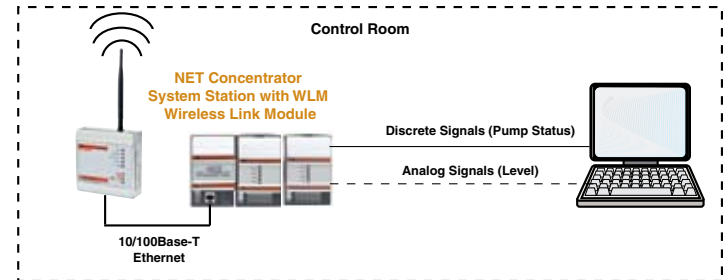
Model Number Examples
EMM / COM / SM / 20-30DC [DIN]
AIM / IO / AI4 / IP [DIN]
DIM / IO / CC8 / IP [DIN]
AOM / IO / AO4 / IP [DIN]
ROM / IO / RNO8 / IP [DIN]

Go to the Process Control and Distributed I/O Networks Systems Selection Guide

The Interface Solution Experts • **www.miinet.com**