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## Pipeline SCADA

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### ◆ System Overview

In pipeline plant of oil gas etc., integrated controller is applied with redundancy configuration to the uninhabited pump station is dotted.

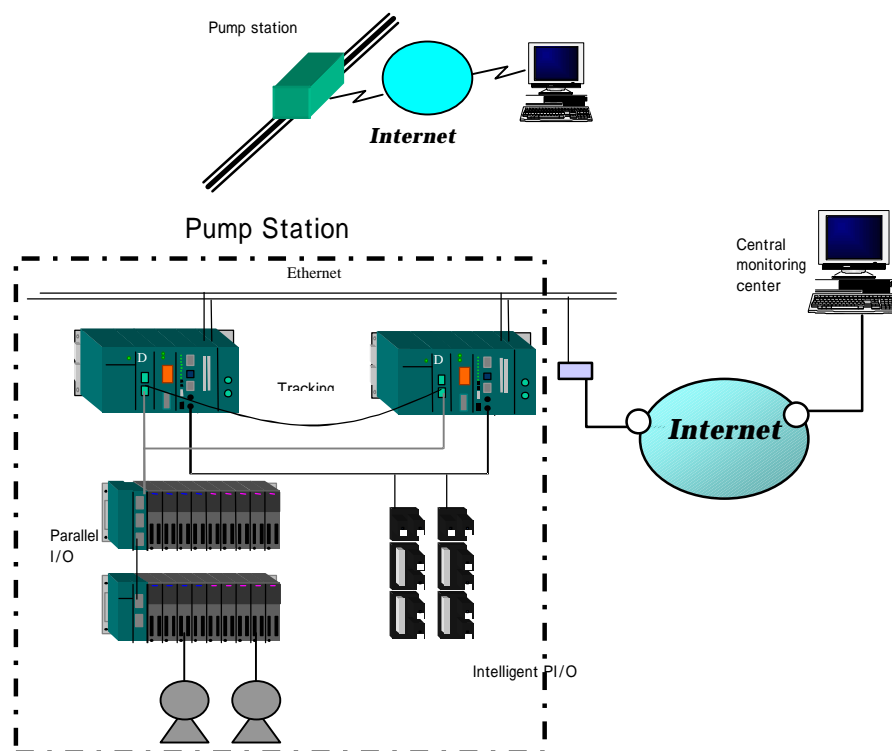
Integrated controller carry on control of pump drives and states monitoring.

A necessary condition is the high reliability for uninhabited operation and the remote monitoring.

When at the time of normal operation, an operation state is reported to a central monitoring center regularly. It reports immediately at the time of unusual generating.

The monitoring of the each station is always possible from a central monitoring center.

### ◆ System Configuration



### ◆ Features

- (1) High reliability by completes redundancy. (CPU, I/O bus, and I/O)
- (2) Remote monitoring is available through Internet.
- (3) By using Internet, a remote monitoring system can be built cheaply.