

Chemical Plant system

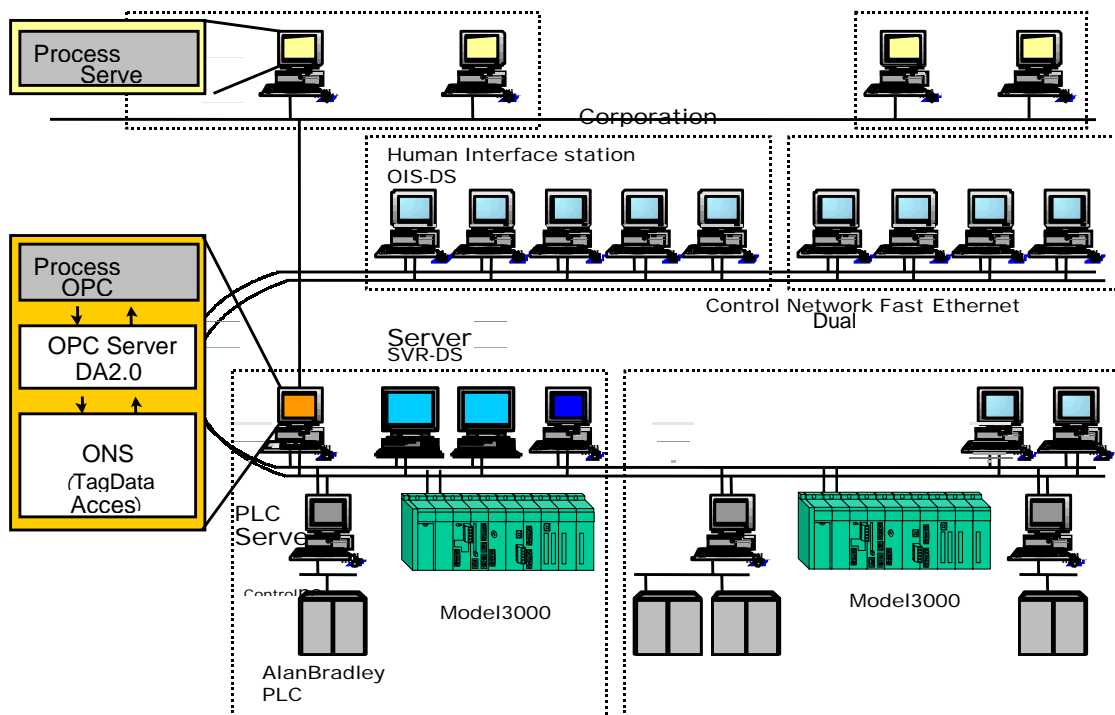
◆ System Overview

TOSDIC-CIE DS with OPC support is being applied to a large chemical plant in U.S. As shown below, each station with human interface function or control function are being distributed in several location of a factory.

Management department controls process data and quality data using Process Historian packages. The data accumulated there is used for daily or monthly report, environment report, quality record etc, which may be referred when responding to inquiries from customers.

The Process Historian package is managing data across the plants in the factory. For interface to TOSDIC-CIE DS, OPC is playing an active part. An OPC-DS station connected to the control LAN of TOSDIC-CIE DS is equipped with OPC client software of Process Historian, OPC server software of TOSDIC-CIE DS and ONS package software, transferring data the Process Historian needs. ONS function is taking client-server architecture, which suppress the data traffic to just necessity, lowering the load on control LAN to assure real time responsiveness

◆ System Configuration



◆ Features

- (1) V-series with OPC support realizes flexible total system configuration with openness and reliability.
- (2) V-series can configure the duplex system depending on the system requirements.
- (3) V-series can be connected with Toshiba's DCS system TOSDIC-CIE DS.