

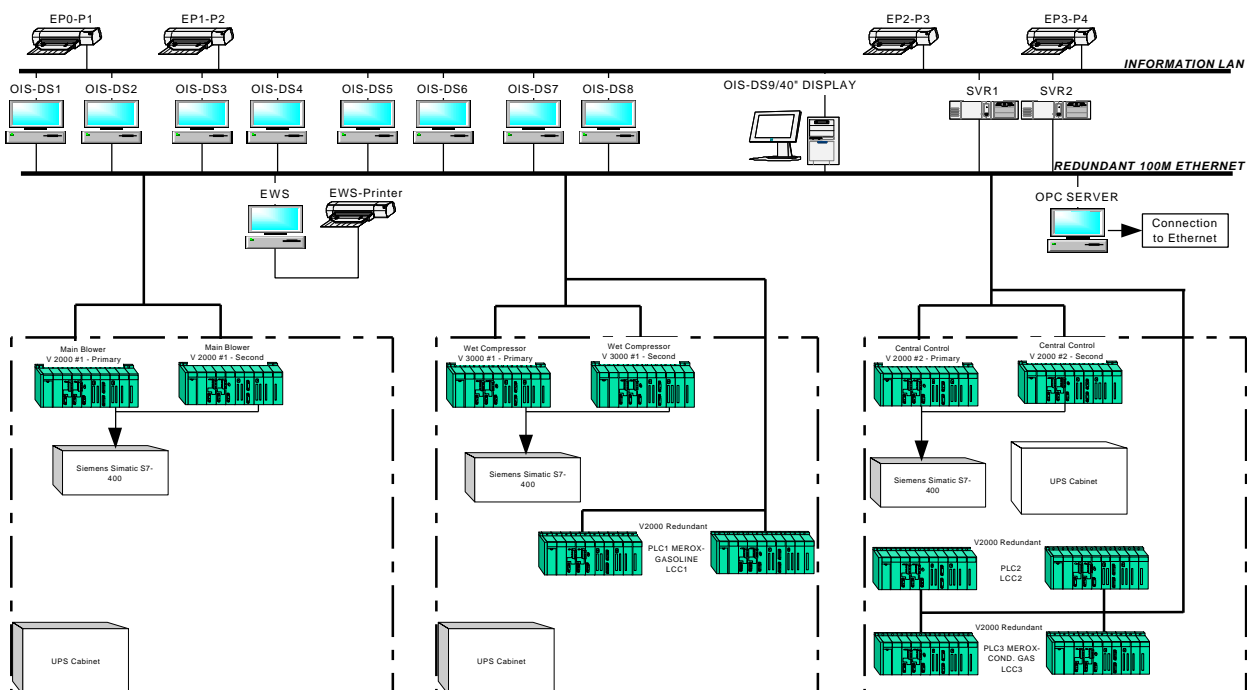
### Petroleum Industry

#### ◆ System Overview

In the processing application for petroleum industry, requires processor redundancy and high speed processing. To achieve this requirement, high-speed processing for start-up sequencing and line speed control is necessary.

For the high-speed processing, processor configuration of single S module is applied to this petroleum application. One S module performs the sequencing, and the L module performs the process control. For the redundancy requirement, the S and L module is redundant in the second chassis. The control data, such as calculated values, process variables, etc., are exchanged between these two modules through the high-speed processor bus.

#### ◆ System Configuration



#### ◆ Features

- (1) High-speed processing with redundancy.  
Redundant S and L module configuration is possible in the V-series.
- (2) High-speed data transfer between S and L module.