Y-Compressor Control
Natural Gas Well Engine Driven Compressor Control System
For continuous revenue generation, engine driven natural gas well head compressor systems need to operate 24/7 with no downtime. A key component insuring maximum uptime and productivity is the control system used. Yokogawa now offers the Y-Compressor Control system for engine driven units. The Y-Compressor control system is an off the shelf, plug & play product, allowing for fast control retrofits on existing compressor systems as well as ease of integration and installation for new compressor systems.

Y-Compressor Control features:
- Low/High Suction Monitoring with Automatic Start/Stop
- Monitoring and diagnostics for engine functions including: Engine RPM, Temperature, Oil Pressure, Manifold Pressure, and Battery Voltage.
- Monitoring and diagnostics for compressor functions including: Oil Temperature, Suction Pressure, Discharge Pressure, and Loading/Unloading status.

Intuitive Operator Interface Screens allow for ease of configuration and operation of the system:

System Alarm Status and Operator Assistance screens are also provided:

Other key features:
- For customers who deploy multiple compressor configurations, the Y-Compressor Control System allows maintenance personnel to select from a list of compressor configurations via the operator interface. When a configuration is selected, the control system is automatically configured and ready to go.
- Wireless communication option allows for remote configuration, monitoring, and Alarm display.
- “Well Field View” system monitoring software provides a complete overview of deployed gas field compressor systems showing:
  a) Compressor Status
  b) Alarm conditions (including the ability to alert field technicians automatically via e-mail).
  c) Scheduled Maintenance Routines and Procedures.