SuperDATA Pro

An HMI/SCADA package designed for the Heat Treat Market, SuperDATA contains a communication and data logging module, a visualization module and a trending module. Drive efficiency with an interface to your shop floor that provides real-time and historical process and load data efficiently.
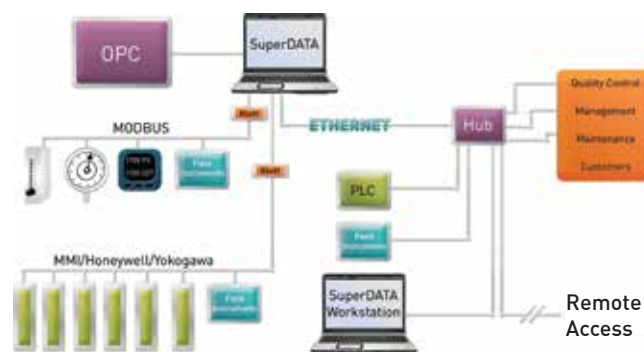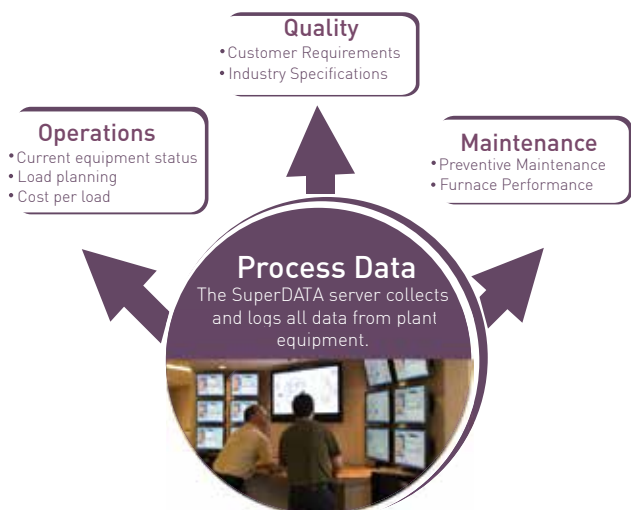
Continuous Plantwide Data Acquisition With Open Architecture

Features
- Continuous data logging and realtime display
- User-defined logging intervals starting at 1 second
- AMS 2750 F and CQI-9 compliant
- Email and Text alerting module
- Mobile device capability for charting and realtime data
- Quick access to realtime and historical data
- Easily configured to add equipment in the future
- Cost effective non-tag based SCADA software
- Built in OPC Drivers
- Collect, manage, and analyze data easily
- Backwards compatible with Process Master
- Alarm History and event tracking
- Communications watchdog monitors your system

SuperDATA Pro Components
- Realtime Pro HMI (Human Machine Interface)
- RealEdit Pro for creating HMI screens
- SD Recorder Pro
- DataCenter data logging and communications engine
- Event and Alarm Viewer
- Load Entry Database
  - Loads, Parts, Approvals, Recipe Management, Utilization and Gap Reason Codes
- Summary Reporting
  - Utilization by furnace, groups of furnaces
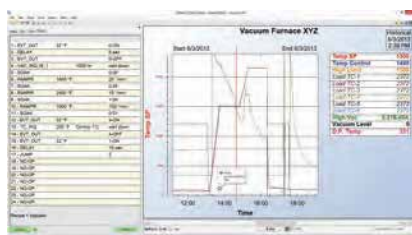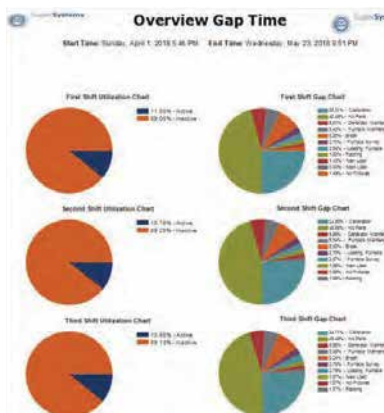 - Cost for user-defined periods (load, week, month, etc.)

Quality
- Customer Requirements
- Industry Specifications

Operations
- Current equipment status
- Load planning
- Cost per load

Maintenance
- Preventive Maintenance
- Furnace Performance

Process Data
The SuperDATA server collects and logs all data from plant equipment.

Remote Access

INNOVATIVE SOLUTIONS WORLDWIDE

Super **Systems**
incorporated

SSi — Atmosphere · Vacuum · Sensors · Gas Nitriding

Justification

- Proven solution
  - Hundreds of installations covering thousands of furnaces worldwide
- Easy to use and administer
- Cost effective
  - No tag based licensing
- Reliable data logging
- Integration point available for ERP
- Reduce paper
- Consistent, uninterrupted data logging

SuperDATA SCADA
Supervisory Control And Data Acquisition

Analyze

- Historical data easily accessible
- Statistical data by data point
- Tabular and trend display format
- Gap reporting with user-defined reason codes

Visualize

- Human-machine interface (HMI)
- Screen editor
  - Build your interface
  - Simple to use
- Plant overview
- Batch equipment line
- Equipment details
- Alarm screen
- Integrated control functions
  - Recipe management
  - Remote setpoint commands

Notify

- Email and alert users of conditions: network down, deviation alarms, conditional issues, etc.

History

- Unlimited trending points
- User defined trend displays
- "Always on" data logging
- Sophisticated data compression
  - Quick historical data retrieval
- Electronic notes

Super Systems
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