



Orchestrator



Real Time Information System

Features

Summary



Data Acquisition & Logging

- Multiple current independent loggers
- Period & event loggers
 - Period-until-event loggers
 - Pre- & post-event loggers
- Shift loggers
 - 64 Groups of channels per logger
 - Each group up to 10,000 channels

Trending Data

- Up to 32 data channels on each trend display
- Historical & real-time display
- Multiple trends displayed/updated simultaneously
- Full pan & zoom
- 1ms time resolution

Advanced Alarm/Event Processing

- Alarm processing & logging
- Individual priority for alarms
- High & low alarms & events with warning levels
- 32-character alarm messages
- Email & SMS text alerts

Configurable Monitor

- User friendly display builder
- Customisable LEDs, gauges, toggles, etc.
- Any data channel can link to an object
- Library of ActiveX controls
- Navigation on process condition or user input
- Navigate to other monitors
- Navigate to other processes including trends & spreadsheets

Data Manipulation

- Real-Time Calculator
- Free form calculation entry
- Built-in constants
- Production counting, efficiency & downtime functions
- Statistical & logarithmic functions
- Filtering, counting & Boolean functions
- Math & trigonometric functions
- Timer & time/date functions
- Steam table functions

PID Controller [Optional]

- Control for closed loop systems
- Block diagram, bar graph & strip chart display for each control loop
- Dynamic viewing of change & effect
- Velocity & position algorithms
- Support for user-supplied algorithms (dll's)
- Bumpless transfer between manual & automatic modes
- Anti-windup reset

Exporting Data

- Real-time export to spreadsheets & other Windows-based applications
- OPC/DDE/RTD server interfaces

Networking & Security

- True client/server architecture - 3 levels of client package available
- Internet **communication via** HMI Client
- Multi-level Windows password security



Other Products & Services



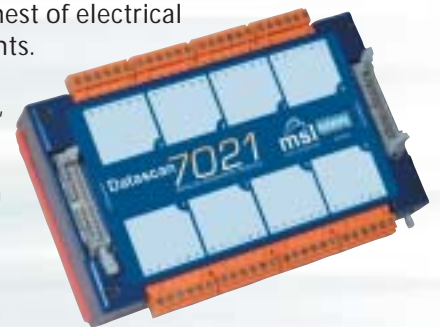
ICPCON modules are the ideal complement to the 7000 series for systems, where only a few measurement channels are located at each point.

Compact and reliable, the range includes a variety of measurement modules, network converters, TouchScreen HMI, Power Meters etc., with Modbus protocol widely supported



Datascan 7000 are a range of distributed data acquisition modules offering high integrity measurement, over a wide range of analog and digital parameters using standard RS232 C and RS485 networking. High noise rejection and optional isolation guarantees it will operate in the harshest of electrical environments.

Using converters, USB & Ethernet connection is also possible



MSL are now the UK Distributor for Measurement Computing, with their wide range of Data Acquisition units.

Orchestrator now has a dedicated driver available to communicate with them.



Company Profile

Measurement Systems Ltd (MSL) are recognised as one of the leading manufacturers of SCADA data acquisition products in the UK. Based in Newbury, Berkshire, England, the company has over 35 years experience in a wide variety of industrial and factory automation systems, from whom service, and reliability of its products have been proven to be second to none.

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