FMS 5.0 FACILITY MONITORING SOFTWARE FOR LIFE SCIENCE APPLICATIONS
ENSURE REGULATORY COMPLIANCE WITH FMS 5.0

The Leading Facility Monitoring Software

TSI FMS system is an advanced, reliable, and user-friendly monitoring software suite that features a truly open architecture, supporting multiple instrument inputs from any manufacturer. Typical inputs include:

+ Airborne particle counters
+ Temperature and humidity sensors
+ Differential pressure gauges
+ Liquid particle counters
+ ESD
+ Airborne molecular contamination and more

Features and Benefits

+ Open architecture
+ Fully GAMP® compliant
+ Meets all regulatory guidelines
+ Enables 21 CFR Part 11 compliance
+ For GMP pharmaceutical production
+ Back up via mirror database
+ Intuitive operation
+ Multi-level maps
+ Unique Buddy automatic hot standby option
+ Notifications via email, SMS and telephone
+ Display and auto reporting
+ User defined reporting
+ Group, acknowledgement, and auto alarms
+ SPC control charts
+ Installation Qualification (IQ)
+ Operational Qualification (OQ)

Validation

Full project based validation lifecycle documentation based on the latest ISPE GAMP® guidelines is available and tailored to meet your requirements.

+ User Requirement Specification (URS)
+ Functional Specification (FS)
+ Configuration Statement (CS)
+ Factory Acceptance Test (FAT)
+ Installation Qualification (IQ)
Ease of Use
An intuitive, user configurable interface means immediate visibility of real-time data. Single mouse click access to historical data and report generation leads to reduced operator training, immediate data access and improved process control.

Graphing & Reporting
FMS comes with its own report generation tool. This allows users to create customized reports to meet your needs. Where more advanced reporting is required, third party tools can be easily deployed to use with FMS 5.0 databases. All collected data can be turned into useful process information via powerful FMS 5.0 reporting and graphing tools. Critical reports can be generated each day, and auto reports can be created based on recorded events.

Mapping
Multi-level maps display the last recorded value for each instrument and show real-time icons in Red for Alarm, Yellow for Warning, Green for Okay and Blue for Instrument Failure. Simply click on the instrument icon for instant, detailed information.

Communication
FMS 5.0 supports multiple system outputs like beacons, sounders, SMS text, email, auto-dialers and reporting are supported. Operators and managers are immediately informed of an event. This information aids in root cause investigations, process validation and improved product quality.

NEED A BUDDY?
FMS offers a unique Buddy (Automatic Hot Standby) system option for built-in system redundancy. This completely integrated back-up system resides on an alternate computer. If anything happens to the primary FMS 5.0 system, the Buddy automatically takes over, continuing to collect secure data. No manual intervention is required in the event of a computer failure, meaning no system down time, no lost validated data, and peace of mind.
FACILITY MONITORING
SYSTEM OVERVIEW

TSI Incorporated - Visit our website www.tsi.com for more information.

USA Tel: +1 800 874 2811  India Tel: +91 80 67877200
UK Tel: +44 149 4 459200  China Tel: +86 10 8251 6588
France Tel: +33 4 91 11 87 64  Singapore Tel: +65 6595 6388
Germany Tel: +49 241 523030