

LMS Express Lighthouse Monitoring System

Feature List	LMS Express
Data Collection	Real-time data collection
Graphs	Real-time and historical display of graphs
Data Tables	Real-time and historical display of data tables
Data Status	Real-time display of data status
Maps with internet camera support	Real-time display of maps
Alarm Output	Through ICPDAS to alarm light towers
Alarm Logging	Alarm acknowledgement and alarm log

LMS Pharma Lighthouse Monitoring System

Feature List	LMS Pharma
Data Collection	Real-time data collection
Graphs	Real-time and historical display of graphs
Data Tables	Real-time and historical display of data tables
Data Status	Real-time display of data status
Maps	Real-time display of maps
Alarm Output	Through digital outputs to alarm light beacons
Alarm Logging	Alarm acknowledgement and alarm log
Virtual Machine Distribution	Integrates into existing VM architectures
Integrated Industry Standards	OPC HDA, OPC A&E, OPC UA, ODBC SQL, Modbus, Simatic S7 and others
Scheduled Reports	Automatic generation, highly customizable
Selectable Cleanroom Status	On-Screen controls can change cleanroom state
Automatic Controls	Pump activations and cycling, cleanroom state changes

LMS Professional Lighthouse Monitoring System

Feature List	LMS Professional
Data Collection	Real-time data collection
Graphs	Real-time and historical display of graphs
Data Tables	Real-time and historical display of data tables
Data Status	Real-time display of data status
Maps	Real-time display of maps
Alarm Output	Through digital outputs to alarm light beacons
Alarm Logging	Alarm acknowledgement and alarm log
Virtual Machine Distribution	Integrates into existing VM architectures
Integrated Industry Standards	OPC HDA, OPC A&E, OPC UA, ODBC SQL, Modbus, Simatic S7 and others
Scheduled Reports	Automatic generation, highly customizable
Selectable Cleanroom Status	On-Screen controls can change cleanroom state
Automatic Controls	Pump activations and cycling, cleanroom state changes

Lighthouse Worldwide Solutions reserves the right to change specifications without notice.

Monitoring Systems

Industry-Tailored Software

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Monitoring Systems

INDUSTRY TAILORED SOFTWARE

- Real-time particle counting
- Temperature
- Relative humidity
- Differential pressure
- Air velocity
- Portable particle counter
- Door status
- CO₂ levels
- Microbial samplers
- O₂ levels



LMSPharma

Tailored for Pharmaceutical Manufacturing

Your Ultimate Pharma Data Solution!

Designed for all phases of pharmaceutical operations, it offers advanced automation for alarming, notification, data viewing, reporting, and auditing.

Seamlessly integrate with industry-standard platforms and protocols while upholding 21 CFR Part 11, EU GMP, and GAMP 5 compliance. LMS Pharma streamlines pharmaceutical operations for efficiency and compliance like never before!

Redundant data acquisition systems take over control seamlessly should the primary fail. This "failover" feature provides uninterrupted operation and ensures business continuity per EU GMP Annex 11.



Reliable & Secure Facility Monitoring

Customized Real-time Data Viewing

Real-time and Historical Data Collection

Selectable Alarm Delays

Instant Problem Notification

Easy to Use User Interface

Experience Unmatched Reliability and Security

LMS Pharma offers an easy intuitive interface enabling you to monitor and control your data seamlessly. Customize your real-time and historical data views effortlessly, receive rapid problem notifications, and maintain uninterrupted data collection.

LMSExpress

The Industry Standard - For 12 Years Running

Effortless Data Retrieval At Your Fingertips

Both LMS Express and LMS Express RT are compact monitoring systems created to work seamlessly with LWS instruments. With the LMS Express Software, you will be able to monitor multiple environmental parameters. All of this data can be integrated into your LMS Express Software. This will allow you to have all of your data centrally located and you can set up alarms based upon these parameters.

Experience simple data management and monitoring with the LMS Express series!

21 CFR Part 11 Compliant Software

Download Data In Real-time or Manually

Data Analysis Charts Graphs and Reports

Built-in Standard Reports Based on Class Level

EMSBox & Ship

Pre-Configured For Your Needs

Preset and Ready For Self-Installation

The Express Monitoring System is carefully pre-configured and includes everything needed to monitor your cleanroom and critical environments. A complete pre-commissioned package which includes particle counter(s), sensors, and software.

Designed to be ready out of the box and easily installed. Run the cables and you're ready to monitor. A complete solution!

Real-time Monitoring Out of the Box

21 CFR Part 11 Compliant Software

Fully Pre-configured System

Real-time & Historical Data Analysis

Self-executable IQ/OQ Documents

Installation & Manuals Included

LMSPro

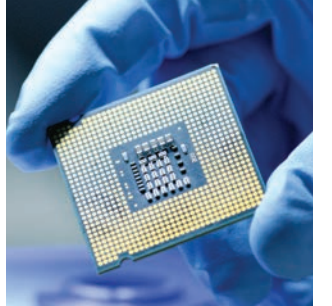
Electronics - Semiconductor - Aerospace

Unmatched Manufacturing Automation with LMS Professional

With LMS Professional, you can count on robust facility monitoring with redundancy, complemented by an intuitive interface for effortless customization of real-time and historical data views. Our swift visual notification system streamlines issue resolution, simplifying monitoring tasks and alarm acknowledgments.

Furthermore, our failover capability ensures uninterrupted operations and reliable data capture, even in critical scenarios.

We take pride in our support for a wide array of industry-standard platforms and protocols, facilitating seamless integration with existing equipment, control systems, and IT environments, all while upholding essential compliance standards. Place your trust in LMS Professional for unmatched monitoring excellence.



Real-time and Historical Data Collection

Real-time Maps, Graphs, Data Tables, Data Status

Multiple Calculations Available

Selectable Alarm Delays

Alarm Outputs to Light Beacons

Email and SMS Alarm Notifications

Designed with Features that Help You Avoid Costly Losses

Monitoring environmental conditions is crucial to prevent product yield loss. Our redundant data collection system records data in two databases at once. If the main computer fails, the secondary takes over, ensuring uninterrupted data collection and alarms for out-of-spec conditions, saving you time and money.