# Real-Time Control for **Real-World Results**

LMS Express gives you continuous, real-time visibility into your cleanroom so you can respond to excursions the moment they occur... all while keeping critical processes under control. Designed as an intuitive monitoring software platform, it centralizes your data from a wide range of sensors into a single, easy-to-navigate interface.

LMS Express simplifies daily environmental oversight with built-in maps, graphs, charts, and data tables that make trends and deviations immediately clear to operators and QA. The software supports integration of multiple environmental parameters... such as particle counts, temperature and humidity, differential pressure, air velocity, door status, CO_2, viable particles, and O_2 levels. So alarms and reports can be configured around your specific cleanroom requirements.

Features

- Real-Time Data Collection
- 21 CFR Part 11 compliant login and passwords
- Optional live map overlays and camera support
- Manage up to 50 Lighthouse instruments
- Email or SMS Alarm Notifications

To support compliance, Lighthouse offers IQ/OQ validation services or self-executing IQ/OQ documentation, as well as turnkey project delivery from installation through validation for a single, accountable point of contact.
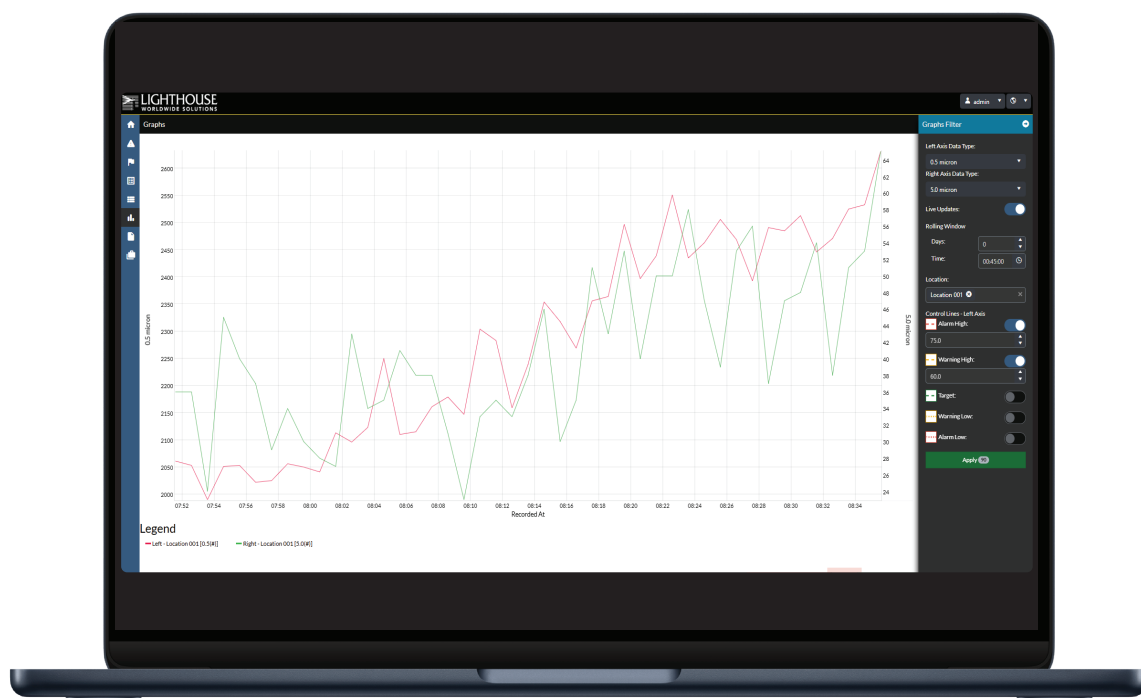
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LMS Express

Real-Time Monitoring System

LMS Express

Real-Time Data Collection	Collects data as it happens from LWS particle counters and sensors
Manual and Automatic Downloading	Download data using USB, serial, or over your network
Trend Analysis and Historical Graphs	Visualize long-term performance and spot issues over time
Compliance Reporting	Generate reports for regulatory standards like ISO 14644-1
Data Export Options	Export to formats like Excel, CSV, BMP, and JPEG
Customizable Dashboards	WYSIWYG dashboards allow point-and-click layout modifications
Regional Settings and Units	Localizes date, unit, and number formats for global teams
User Authentication and Security	21 CFR Part 11 compliant login, passwords, and event logs
Secure Archiving and Event Logging	Safeguard your data and keep a traceable record of all events
Alarm Management and Acknowledgment	See, log, and respond to alarms in real time, with custom delays
Visual Mapping and Camera Integration	Optional live map overlays and camera support for richer overviews
OPC DA Server Output	Integrate real-time data output to external control systems
Multi-Instrument Support	Manage up to 50 Lighthouse instruments from a single application
Windows Compatibility	Compatible with Windows 10, 11, Server 2019, Server 2022
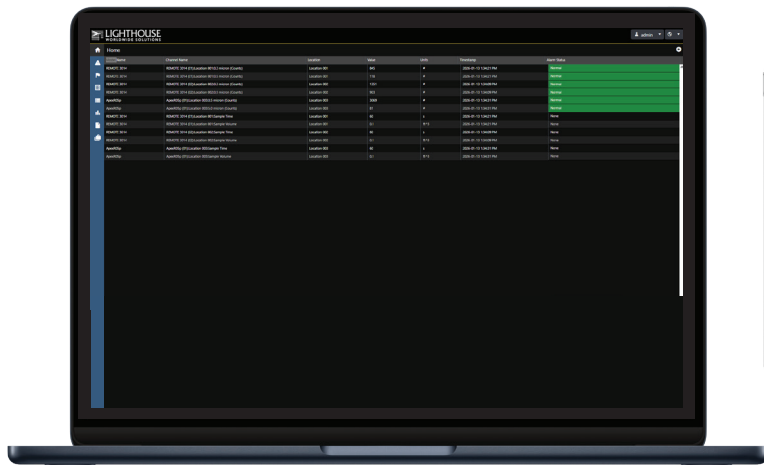
LMW Express 9 Homescreen
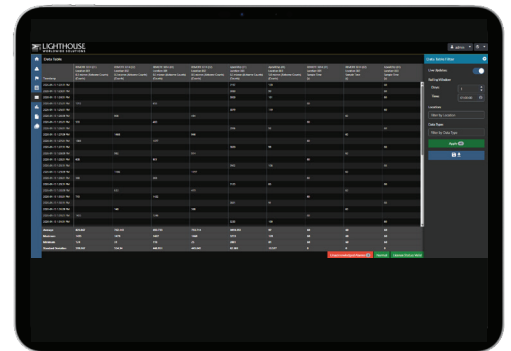
LMW Express 9 Data Table

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