Agilent OpenLAB Chromatography Data System

COMPLIANCE AND EASE OF USE, TOGETHER AT LAST

Agilent Technologies
NEW, ADVANCED SOFTWARE, DESIGNED WITH YOUR LAB IN MIND

As a laboratory instrumentation leader, Agilent has long supported pharmaceutical quality control. We’ve seen how the enforcement of data integrity regulations has evolved over the years, and we understand what it takes to maintain successful laboratory and analytical operations.

That’s why we created the next generation of our OpenLAB Chromatography Data System (CDS). This advanced software facilitates rigorous compliance in a networked or standalone environment. It also provides the most comprehensive level of control over your Agilent instruments—all while promoting gains in efficiency and productivity.
What scientists are saying

“With new people joining and lab turnover rates, it’s a lot easier when software is intuitive—someone can operate the instrument almost immediately. It’s that simple.”

Count on meeting regulatory expectations

Agilent takes compliance seriously. We are continuously responding to the changing needs of customers who must comply with regulatory guidelines. We’ll work closely with you to ensure that your lab has all the capabilities you need to stay compliant and minimize the risks of regulatory exposure.

Ensure data security

OpenLAB CDS includes extensive technical controls to ensure data security and data integrity—minimizing the need for procedural controls, and preventing the deletion or manipulation of data.

Carefully control access

With the ability to assign access privileges based on the function of the user and the data each can access, OpenLAB CDS ensures that the right people have the right access to the right information.

Simplify audit trail reviews

Regulations require that your record reviews include audit trail reviews. With chromatography data systems from other vendors, you must maintain hybrid records, with audit trail reviews that must still be printed and signed. With OpenLAB CDS, you can now include confirmation and documentation of audit trail reviews as part of the electronic record.
ENHANCE OPERATIONS

Get up to speed faster

Designed with usability in mind, the software incorporates the user interface standards of today’s modern software to establish an immediate sense of familiarity and confidence. The familiar interface, along with on-demand learning tools, means that your staff can get up to speed quickly, minimizing the time and cost associated with training.

One lab, one software system

OpenLAB CDS supports chromatography and mass spectrometry workflows. With a single user interface, you can access and control the most commonly used LC, GC, and single quadrupole Agilent MS instruments in your lab. This versatility helps you increase productivity, by eliminating the need for expertise with multiple software products.
SAVE TIME BY CENTRALIZING OPERATIONS

Going from instrument to instrument checking on status can be a tedious and time-consuming process. Using OpenLAB CDS in a client/server configuration enables your lab to attain the highest possible efficiency and uptime by centralizing instrument management and system administration. You can also improve productivity and support global laboratory operations by sharing data and methods from multiple locations.

Visualize data trends quickly

During routine work, an unexpected occurrence may raise the need for further investigation, requiring you to carefully analyze multiple chromatograms simultaneously. With OpenLAB CDS, you can quickly capture artifacts such as missing or additional peaks, retention time shifts, or integration problems. And new tools such as Peak Explorer enable you to gain insight into your data faster by providing a simple, visual view of outliers and artifacts.

Eliminate reporting errors

OpenLAB CDS includes a set of predefined templates for QC workflows, which you can easily modify to meet the unique needs of your laboratory. You can create reports without the need to export results into other software, such as Microsoft Excel. Even better, built-in custom calculation capabilities keep all key data within the system—eliminating errors caused by data export or manual transcription.

What scientists are saying

“It works for someone who is going to use the basic functions and it also has the advanced features needed to do complex analyses.”

“Combining three different software products into one makes it a lot easier for me to support.”
THREE POWERFUL ELEMENTS THAT SET AGILENT OPENLAB CDS APART

1. **REPORTING**  
   Focus on what’s important  
   Now you can gather and present key data in a neat, easy-to-read package. Templates, intuitive drag-and-drop report creation, and extensive custom calculation capabilities makes generating even complex reports faster and easier.

2. **AUDIT TRAIL REVIEW**  
   Modernize compliance  
   To more easily comply with regulatory requirements, you can now include confirmation and documentation of audit trail reviews as part of the electronic record. What’s more, you can review the audit trail and records in parallel.

3. **USER EXPERIENCE**  
   Improve the learning curve  
   An innovative and consistent user interface makes it easy for new users to get up to speed quickly and learn as they go. Interactive on-demand tutorials guide them through each step of a specific task or process.

STREAMLINE MIGRATION

**Designed around your needs**  
We designed OpenLAB CDS around the needs of Pharma QC labs, so you can capture, analyze, and share accurate data with speed and compliance.

**Flexibility is built-in**  
What’s more, the software’s built-in migration tools enable you to reuse existing ChemStation and EZChrom methods, data, and reports—preserving your long-term investment in your work.
UNFOLD THE FUTURE WITH OPENLAB SOFTWARE

You’re in control with OpenLAB software. This integrated suite will help you capture, analyze, and share data in ways that add business value. And our knowledgeable Professional Services consultants are here to help you at every step of the way, so you can start benefiting from this comprehensive software suite as quickly as possible.

CHROMATOGRAPHY DATA SYSTEM
• Control Agilent and non-Agilent instruments
• Speed data processing and reporting
• Monitor instruments using lab-at-a-glance views
• Streamline laboratory and IT processes

CONTENT MANAGEMENT
• Access data and information anytime, anywhere
• Secure files from the start of an experiment to its finish
• Support regulatory compliance efforts and manage intellectual property
• Reduce paper usage

ELECTRONIC LAB NOTEBOOK
• Capture laboratory results from multiple analytical systems
• Speed data search and retrieval with advanced query management
• Facilitate co-authorship and collaboration
• Safeguard intellectual property and maintain record traceability