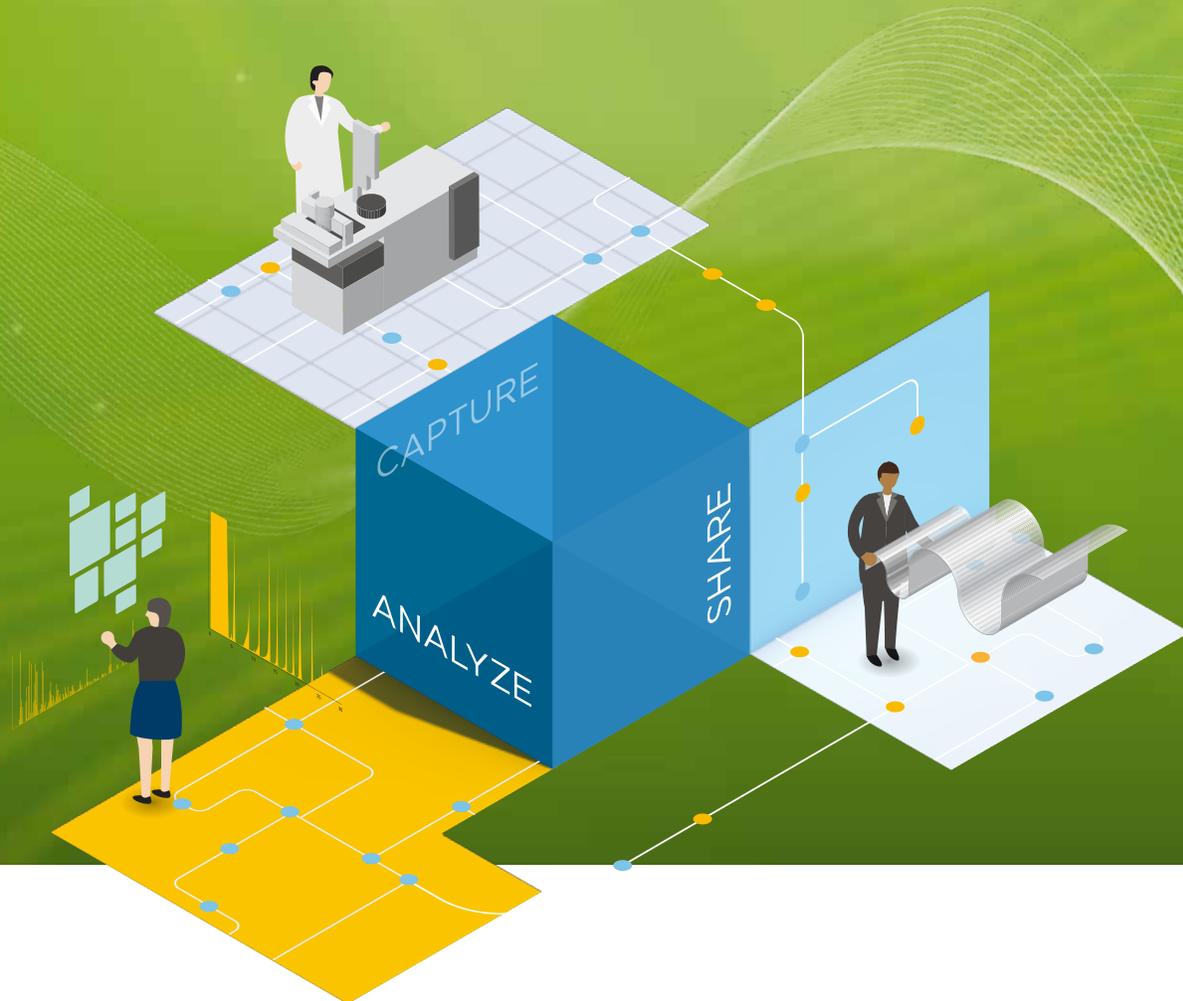




Agilent
OpenLAB

Agilent OpenLAB Electronic Lab Notebook (ELN)

MAKE FASTER DECISIONS IN REAL TIME



Agilent Technologies



SUCCESS FAVORS LABS THAT TRANSFORM DATA INTO ACTION

Traditional paper notebooks and filing systems lack the mobility, connectivity, and security that your lab needs to meet today's demands for fast, accurate results.

- Filing cabinets, binders, and paper notebooks take up space, and are cumbersome for scientists on the go.
- Paper notebooks hinder data retrieval and prevent real-time collaboration—particularly between disparate labs across multiple time zones.
- Lab staff and supervisors lose time searching for and reviewing paper printouts from a variety of sources.

To overcome these challenges and enable rapid, information-based decisions, laboratories are adopting data management strategies that allow real-time uploading and sharing. This means transitioning from a paper-based lab to one that captures, analyzes, and shares data electronically.

What scientists are saying

"The real value of OpenLAB ELN is in the ability to recover data after it's captured for use in decision-making... I can easily access in a matter of minutes what used to take me hours of begging and pleading and searching through paper notebooks."

DAVID KNOWLTON, SENIOR SCIENTIST AND SYSTEMS ADMINISTRATOR,
RANA THERAPEUTICS

OWN YOUR LAB WITH AGILENT OPENLAB ELN

OpenLAB ELN bridges the gap between data systems, data storage, and data owners (collaborators or co-authors) by creating a single access point for scientists to interact with laboratory data.

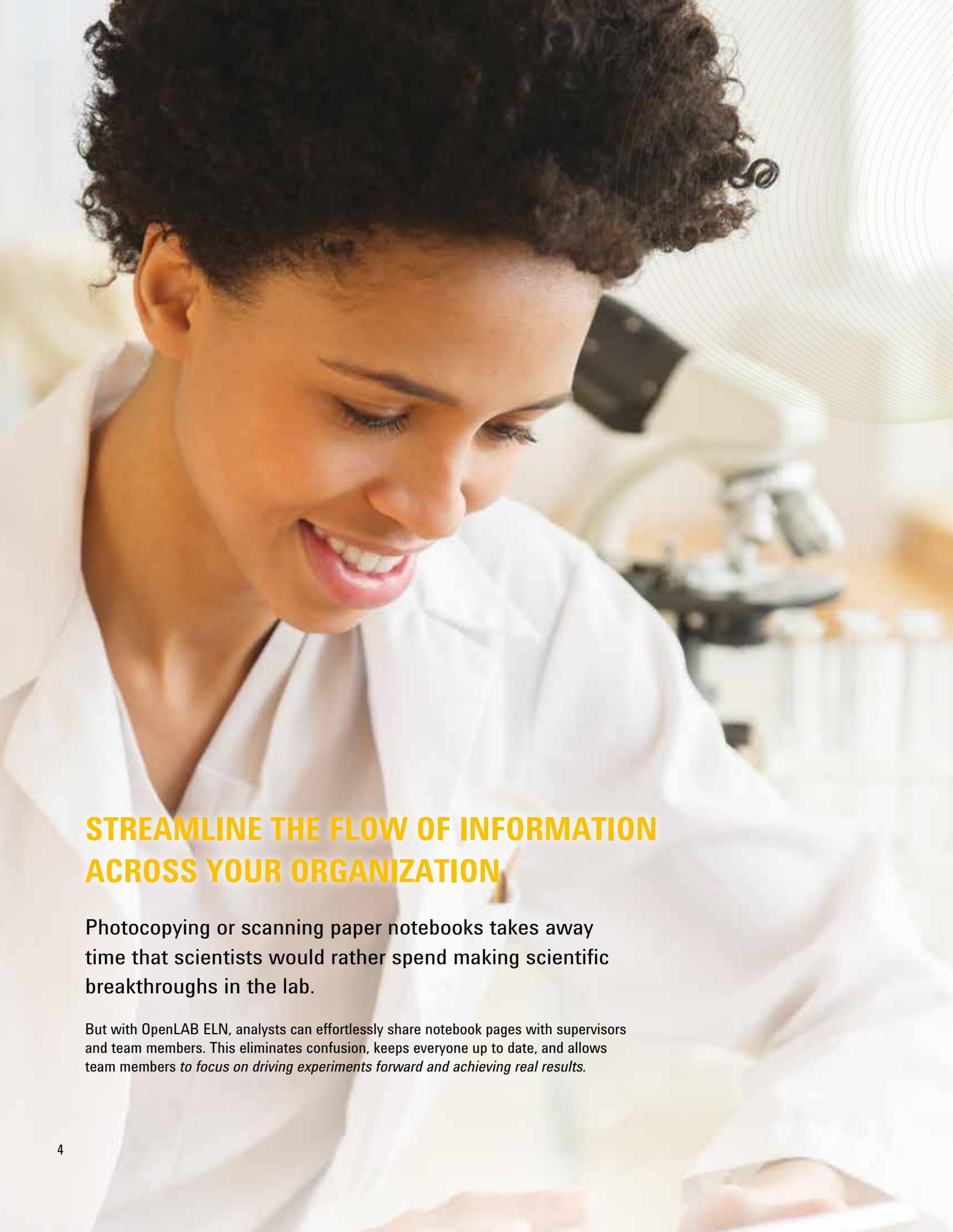
The software serves as a central hub or knowledge base, where all team members can go to document, organize, and share information.

By streamlining the flow of ideas to/from OpenLAB ELN, you'll increase productivity, safeguard against accidental data loss or corruption, minimize unnecessary rework, and manage your lab more efficiently.

Key benefits

- Consolidate data from multiple vendors
- Effortlessly communicate and share data
- Delegate tasks and track progress
- Eliminate confusion and standardize protocols
- Protect intellectual property and traceability
- Collaborate in real time from your mobile device





STREAMLINE THE FLOW OF INFORMATION ACROSS YOUR ORGANIZATION

Photocopying or scanning paper notebooks takes away time that scientists would rather spend making scientific breakthroughs in the lab.

But with OpenLAB ELN, analysts can effortlessly share notebook pages with supervisors and team members. This eliminates confusion, keeps everyone up to date, and allows team members *to focus on driving experiments forward and achieving real results.*

SHORTEN YOUR PATH TO RESULTS AND EXPEDITE DECISION MAKING

Now you can improve cross-team collaboration and speed up the flow of information across your entire organization.

SHARE information across your lab or around the world

In today's climate of accelerated timeframes, OpenLAB ELN allows your lab to share mission-critical information with workgroups both within and outside your organization. This helps reduce experimental duplication, which saves analytical time and costs—and helps to bring products to market faster.

What's more, the OpenLAB ELN platform gives users the power to:

- Send/receive analytical requests between labs
- Validate (e-Sign) co-workers' experiments
- Share/co-author pages (full page or by section)
- Revert back to previously edited versions
- Track who edited what and when

CAPTURE disparate data formats in one place

From Microsoft Office files... to photos and videos... OpenLAB ELN offers countless ways to incorporate results from both Agilent and non-Agilent software applications onto one notebook page. In particular:

- A Web-based interface makes it easy to create and modify experiments, upload data, build tables, add notes, and embed images—in real time—from any computer with an Internet browser.
- Searchable reaction databases, compound registration systems, third-party analysis software, and chemical sourcing databases can also be smoothly integrated into the OpenLAB ELN platform.

What scientists are saying

"When you've got 10,000 data points, it's not always easy to see correlations and patterns. OpenLAB ELN provides a way to take that data, easily put it into your ELN, and now parse through it in a meaningful way."

DAVID KNOWLTON, SENIOR SCIENTIST AND SYSTEMS ADMINISTRATOR, RANA THERAPEUTICS

5 POWERFUL ELEMENTS THAT SET AGILENT OPENLAB ELN APART

- 1 USER ADOPTION**
No programming required.
OpenLAB ELN doesn't require any programming skills to capture data. Simply drag-drop Microsoft Excel files onto a page, or build forms that can include checkboxes, drop-down lists, tables, calendars, and more.
- 2 SMART IMPORT**
Making data capture simpler, faster, and more accurate.
Automatically import data from OpenLAB CDS, other vendors' data systems, or any XML data source. Users can be confident that their data are free of transcription errors and instantly accessible within their experiments.
- 3 REQUEST MANAGER**
Speed up your lab's turn-around time.
OpenLAB ELN streamlines communication by facilitating task delegation and instant, transparent access to completed results. What's more, it increases your lab's productivity by eliminating bottlenecks and track status/results in real time.
- 4 DYNAMIC FORMS**
Flexible, on-demand design.
Dynamic Forms automate repetitive tasks, improve data quality, and simplify scientists' work. You can also minimize human error and structure your workflows (using fields such as text, numbers, tables, DNA sequences, molecules, and more).
- 5 OPEN ARCHITECTURE**
Scalability made simple.
N-tier architecture makes scaling straightforward and easy—whether you're running on-premise or in the cloud. Plus, you can lower your total cost of ownership through minimal upgrade costs, and easy integration with the tools and apps you already use—including LIMS, SDMS, and ERPs.

What scientists are saying

"We can link all the raw data from an ICP-MS analysis that resides in OpenLAB ECM to an OpenLAB ELN report. They work hand-in-hand."

ASHLEY WILSON, CHEMIST, 4LIFE RESEARCH



UNFOLD THE FUTURE WITH OPENLAB SOFTWARE FROM AGILENT

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 reaping the benefits as quickly as possible.

CHROMATOGRAPHY DATA SYSTEM

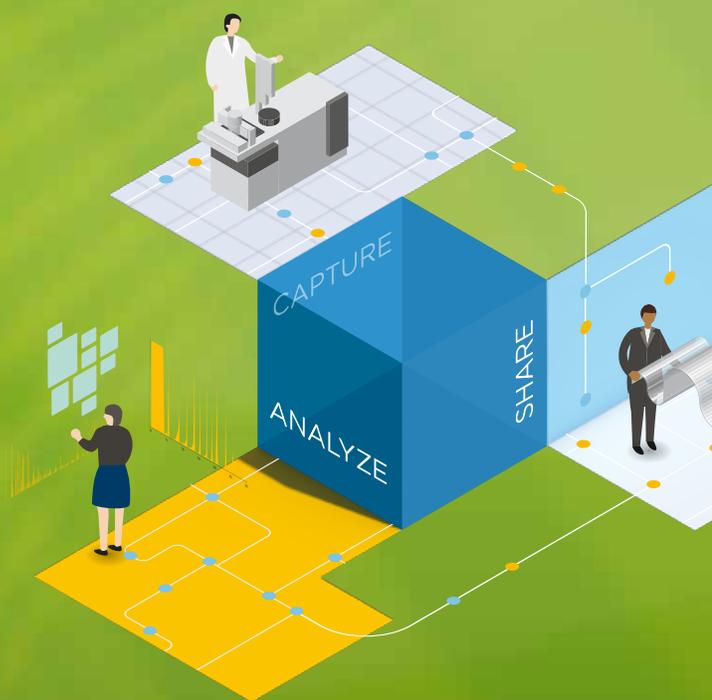
- Control Agilent and non-Agilent instruments
- Speed data processing and reporting
- Monitor instruments using lab-at-a-glance views
- Streamline laboratory and IT processes

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



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