The Only Cloud ELN With ChemDraw®

Make More Time For Research

Everyday R&D scientists must balance requirements for data integrity and regulatory compliance with the desire to make new discoveries, speed up innovation, reduce expense, and ultimately advance their projects. Automating the routine tasks associated with capturing, cataloging, and sharing experimental data will help you tackle this balancing act.

This is the job for an electronic lab notebook (ELN) from a reliable informatics solution provider who has proven they know your workflows. That's PerkinElmer, an S&P 500 company with 80 years of serving organizations just like yours. Our goal is to help you make more time for your company's mission, make meaningful scientific breakthroughs, and eliminate the paper pushing that takes away hours from what really matters.

The Trusted ELN

From the earliest commercially successful ELN, our Cambridge Soft E-Notebook™, to today's future-proof Signals Notebook, thousands of scientists have relied on our collaboration platforms to expedite experimental workflows. Here's why Signals Notebook is the reliable ELN workhorse for R&D scientists in Life Sciences, Materials Science, Specialty Chemicals, and your industry.

Why Scientists Pick Signals Notebook

PerkinElmer Signals Notebook is a multi-disciplinary electronic notebook for capturing and sharing experimental data more efficiently. It is the only cloud ELN with the power of ChemDraw, the industry's renowned chemical intelligence solution, built right in.

Capabilities at a Glance

- Microsoft Office and Office Online Integration
- Easily drag and drop all data types
- Lightning-fast text and chemical structure search
- Experiment and text templates
- Image upload and annotation
- ChemDraw and ChemACX integration
- Create and manage libraries of any entity
- Social-media like commenting and notifications

PerkinElmer®

For the Better

Expedite Your Workflow

- Embedded applications you use on a daily basis such as MS Office, ChemDraw are at your fingertips

- Experimental and text templates, library of SOPs, auto-text

- Create and share templates

- Create, manage and reference libraries of compounds, cell lines, equipment, antibodies, etc.
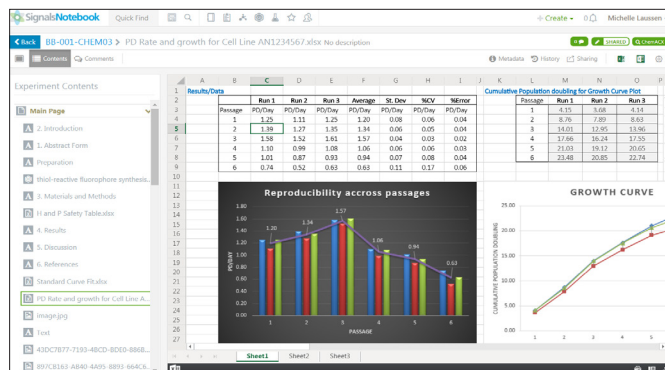

Figure 1. Signals Notebook is integrated with Microsoft Office and Office Online to expedite documentation and editing tasks. Visualize entire documents, like Excel above, within the user interface.
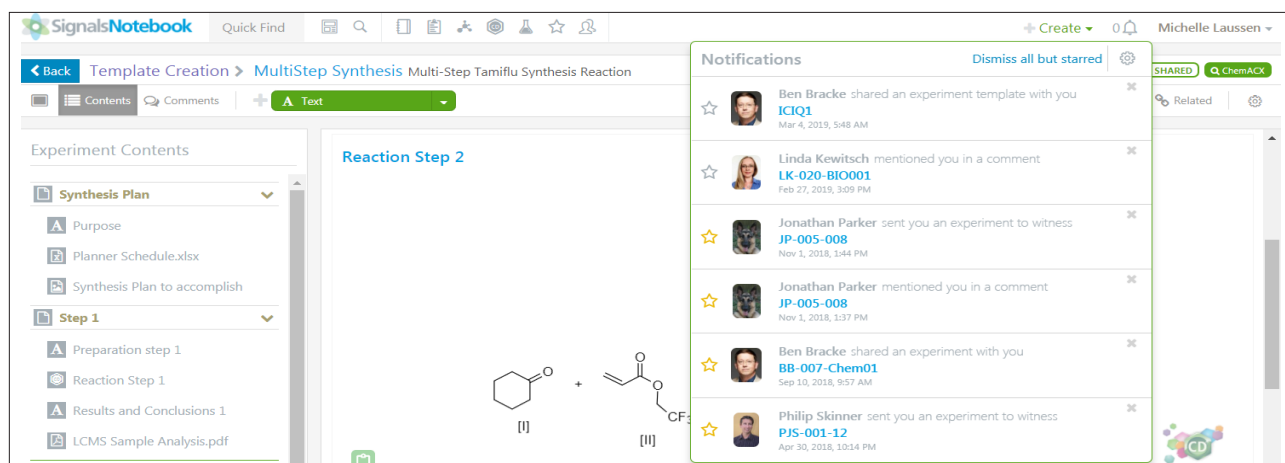

Figure 2. Commenting capabilities and notifications in Signals Notebook enable collaboration with your colleagues and collaborators near and far.

Eliminate Data Duplication

- Find what you want with Signals Notebook's highly-performant search

- Link relevant experiments together

Real-time Global Collaboration

- Social media–like commenting

- Notifications

- On-demand experiment sharing within and outside your organization – everyone on the same platform

As analytical methods progress through the drug development process, an ELN must support workflows other than Pharma R&D. For example, synthetic, analytical, (bio) formulations and (bio) process scientists, as well as biologists working in areas from screening to preclinical and clinical development, should share the same ELN.

Automate data in notebooks and experiments, drag and drop, store, organize, share, find and filter data with ease.
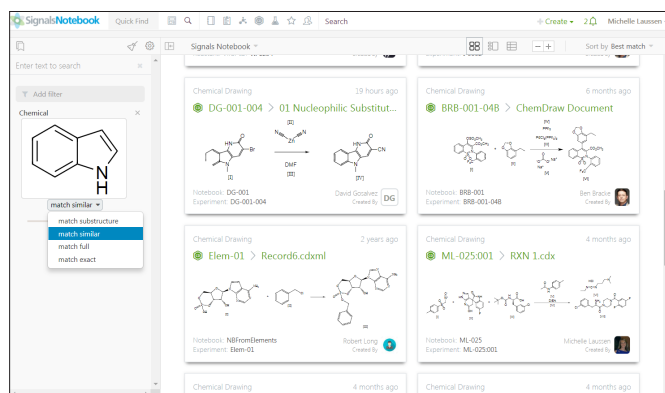

Figure 3. Signals Notebook provides search results in milliseconds, whether it is chemical structure search like above or text and numerical searching through all your content.
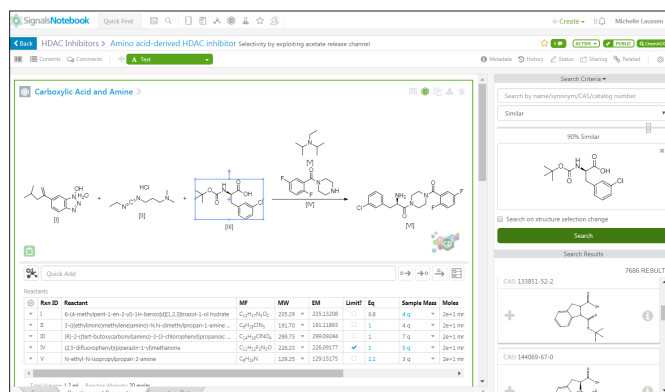

Figure 4. Search and add commercially available compounds to your reaction schemes easily with ChemACX directly in Signals Notebook.

Why IT Leaders and Administrators Pick Signals Notebook

Rapidly Adjust Permissions with Your Organization's Changing Needs

- Read/write permissions based on a combination of user roles, attributes and user groups

- Organize data access based on projects, departments, sites etc.

- Add and remove collaborators and CROs without missing a beat

Provide an Enterprise Platform with the Best Performance

- Microservice-based architecture means each component can operate independently

- Self-healing and resilient, auto-recovering from adverse events

- Immediate scalability during periods of rapid growth

Stay Secure

- Automatic daily back-ups

- Data redundancy across multiple locations for continued service delivery if there is a rare disaster

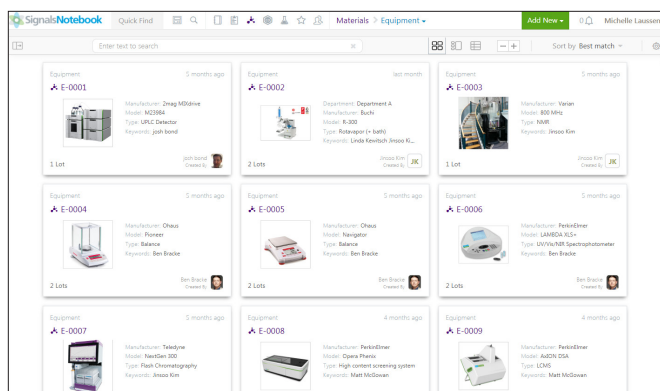- Multiple deployment models to fit your organization's needs

Figure 5. With Signals Notebook material management capabilities, you can create libraries of equipment, primers, compounds, cell lines etc., and reference them in your experiments.
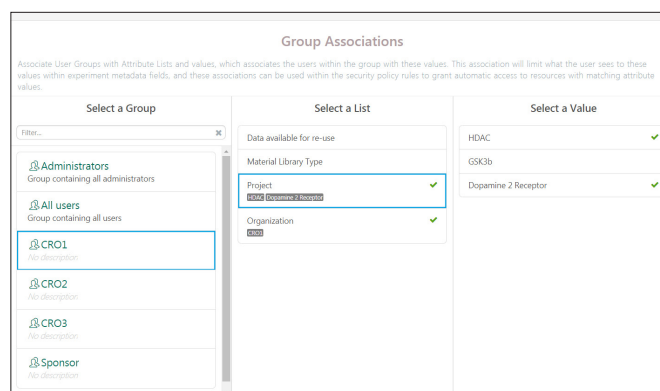

Figure 6. Administrators of Signals Notebook can easily adjust settings and configuration as your organization changes and grows, for instance engaging CROs on new projects.

To learn more about our Informatics solutions, please visit http://www.perkinelmer.com/product/signals-notebook-signalsn.

For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

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