AGILENT OPENLAB ELN

NEW FEATURES IN VERSION 4.2

The Measure of Confidence

Agilent OpenLAB Electronic Lab Notebook

The latest revision of Agilent OpenLAB ELN makes it even easier to capture, analyze, and share results obtained from the analytical systems used in the laboratory.

Broadens integration with other software applications

The new Send/Print To feature, that includes the OpenLAB ELN virtual printer, allows you to capture and send results from ANY analytical software to OpenLAB ELN for use in experiments. For example, you can capture results from Agilent OpenLAB CDS, MassHunter Workstation, and GeneSpring software. In addition, data and reports from any vendor's software can be sent directly to OpenLAB ELN. This includes but is not limited to Waters Empower CDS, Thermo Scientific Dionex Chromeleon CDS, and Thermo Scientific Xcalibur software.

Enhances searching, browsing and overall usability

Searches are easily designed using an intuitive drag-and-drop approach, and can be saved and shared as favorites for use again and again by any user. Chemical structures in dynamic-fields are now indexed and searchable by exact-or sub-structure.

Other usability enhancements include:

- Updated user interface with improved "favorites" and file management
- More ways to import, modify and present rich text, tables and images
- New features to search and manage the compound repository

Provides a true "Blank Page" template

OpenLAB ELN allows you to structure experiments to meet specific workflows without need for programming. The new Blank template is a free-form experiment template, adaptable to include as many dynamic fields, forms, tabs, and chapters as necessary to support laboratory protocols. The templates are easily transported from one system to another, for example from a development to a production system.

Fosters within-experiment collaboration

Experiments can now contain multiple chapters. Using this capability, internal and outsourced teams, whether working in shifts and in parallel, can co-author, review and approve the individual steps within an experiment, chapter-by-chapter. Co-authors, reviewers and approvers are easily defined and electronic signatures of all contributors are enforced.

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Expands signature and traceability features

OpenLAB ELN Version 4.2 adds an administrator audit trail that tracks administration of users including creation, updates, deactivation, change of privileges, and group definition.

To support collaboration, users may have either "reader" or "co-author" privileges. Co-authors can sign chapters individually. The software can be set to send an e-mail to the user selected as a co-author. New options in the template workflow configuration panel enforce a co-author's signature, and enable a mix of SAFE and regular signatures.

Enhances report printing

OpenLAB ELN now provides improved experiment report formatting options and chapter-by-chapter printing.

Streamlines analysis assignment and monitoring

Enhancements to the Analysis Request module streamline workflow management and ensure the correct protocols are used. The laboratory manager can use this module to create, assign and monitor the status of an analysis request. When assigning analyses, the manager can choose the appropriate analysis template from a suite of templates.

Extends the chemistry module

The chemistry module now includes carcinogenic, mutagenic and reprotoxic (CMR) compound management as mandated by the EU. CMR compounds added to a standard synthesis template are flagged in the composition or expected result table. A new OpenLAB ELN role, the Environmental Health and Safety (EHS) Manager receives an e-mail when a CMR compound is used.

Other chemistry module enhancements include new compound roles such as impurities and inert compounds, and more flexibility in selecting columns and in batch composition definition.

Simplifies instrument and column management

Administrators can now define and manage instruments and columns for use with the Standard Synthesis and Analytical Profile templates. Instruments and columns can also be restricted to specific analyses.

Facilitates tailoring

The Agilent Professional Services team uses the OpenLAB ELN software development kit (SDK) to tailor OpenLAB ELN to specific customer needs such as to create interfaces for LIMS or in-house databases. The kit, along with training, is now available to customers who wish to leverage expertise within their own organization, or of external partners of their own choosing.

Updates the OpenLAB ELN technical platform

OpenLAB ELN now supports JBoss, Microsoft Windows Server 2012, JChem 6, JDK 7, and Apache server components. Supported client software includes: Microsoft Windows 8 and Office 2013, and the latest browsers.

Deploys rapidly

Because of advanced underlying technology, the upgrade to OpenLAB ELN can be completed quickly. OpenLAB ELN Version 4.2 can be installed in less than 10 minutes. Note: To maximize the benefits of upgrading, we highly recommend that, in addition to the installation, customers purchase one day of training delivered by an Agilent OpenLAB Professional Services expert.

To request an upgrade or for more information, contact your Agilent Account Manager or Product Specialist.

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