

Thermo Scientific Core ELN software

Design and execute your experiments and capture data seamlessly

Key values provided by Thermo Scientific Core ELN software

Build notebooks, entries, and sections to meet your labs' needs, with the flexibility to support changes in your science

- Share and reuse ELN (Electronic Laboratory Notebook) templates to maintain data quality, completeness, and compliance with business rules
- Enforce processes and reduce risk by standardizing data capture
- Protect IP by ensuring data is recorded and captured accurately and contemporaneously

Thermo Scientific™ Core ELN™ software provides capabilities for designing, storing, organizing, and reporting on your data. Easily create new notebooks and entries, record experimental data, find and edit existing entries, and witness and sign entries and notebooks.

Core ELN software enables organizations and scientists to seamlessly share data and results with colleagues and external collaborators on any connected device in a secure, 100% web- and cloud-based environment.

Components of the Core ELN software

- Notebooks
- Entries
- Sections
- Signature workflows
- PDF generation
- Intuitive editor
- Microsoft™ Word, Excel, PowerPoint editor and attachments

Build your notebook

Teams can have multiple private or shared notebooks. Scientists can choose which information they want to share, while ensuring that the organization can retain ownership of the IP captured in the notebook. Within a notebook, you can build out entries and sections with consistent templates and functionalities to bring structure to data management.

Define your entries

Entries can be designed from scratch for your desired processes and formats. Predefined notebook entry templates are also available. Templates can be shared to simplify entry creation while maintaining data capture standards across groups. Labs can attach files, and incorporate information and data from multiple sources, to ELN entries to provide quick access to all relevant documentation. Closed entries can be routed through signature and witnessing workflows and accessed via PDF.

Access powerful functionality in sections

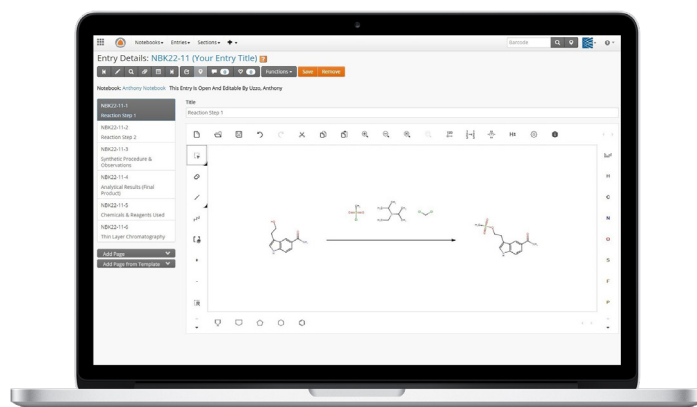
Entries are comprised of sections. Sections are areas within notebook entries that can be configured with specific behaviors e.g. chemistry. Entries help you to define and track your specific data.

Example: chemistry section functionality

Search structures, record and track your chemistry experiments, draw molecules and reaction schemes, execute stoichiometry calculations, register molecules, and calculate chemical properties.

Core ELN software connects the dots

Core ELN software is built on the Thermo Fisher™ Platform for Science™ software, enabling linkages to data in the Thermo Scientific™ Core LIMS™ software from the same user interface. Any entity stored in the LIMS can be associated with any ELN entry. For example, you can track the linkage of products and reagents used in synthesis along with the instruments that were used for characterization through to results. These cross-platform associations enable end-to-end visibility across your experiments, reduce risk from data re-entry or manual errors by leveraging existing data, and can be used to help identify sources of error and improve processes.



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