The E-WorkBook CLOUD
By combining the very best functionality of lab-based informatics solutions (ELN, LIMS, LES, SDMS & more), The E-WorkBook Cloud goes beyond traditional lab management software, providing cutting-edge data capture and analysis tools, job requesting and management, inventory management, as well as biology and chemistry functionality.

With the IDBS E-WorkBook Cloud, you get flexible, scalable and powerful enterprise-level software combined into one of the world’s best R&D scientific informatics platforms, enabling you to start building your lab of the future.

The IDBS E-WorkBook Cloud is a complete end-to-end, cloud-based, platform that supports all your internal, external and hybrid data management and research needs.

WWW.IDBS.COM
CREATING YOUR E-WORKBOOK CLOUD

The E-WorkBook Cloud features **eight intuitive modules**, allowing you to add new functionality as and when you need it.

**ELN**
Our cloud-based enterprise electronic lab notebook

**ADVANCE**
Our cutting-edge spreadsheet technology

**CHEMISTRY**
Our next-generation chemistry platform

**BIOLOGY**
Our industry-leading biologics functionality

**INVENTORY**
Our laboratory inventory management software

**CONNECT**
Our secure environment for collaborative and connected working

**REQUEST**
Our work request management platform

**INTEGRATIONS**
Our advanced framework for system integrations

If you would like to learn more about the flexible, scalable and powerful E-WorkBook Cloud then get in touch: contact@idbs.com
We know that knowledge and intellectual property (IP) are a company’s most important assets and securing this information in a scalable, performant and validatable platform is critical to a company’s long-term growth and success.

With E-WorkBook ELN, you can manage your entire organization’s data management needs from one platform, meaning you can spend more time on what you do best: science.

E-WorkBook ELN is our cloud-based enterprise electronic lab notebook, which provides the critical data capture and management backbone of the IDBS E-WorkBook Cloud.

E-WorkBook ELN provides an enterprise electronic lab notebook that meets the data management needs of your entire organization, protects your intellectual property (IP), and gives you more time to focus on your research and development (R&D) activities.
WITH **E-WORKBOOK ELN**, YOU CAN:

- Create, share, search and query R&D data in real time
- Transform the research process with improved efficiency and enhanced collaboration in a secure, easy-to-use environment
- Reduce the administrative burden associated with report generation, leaving more time for innovation
- Bring together every aspect of a researcher’s day-to-day activities through a common view of data across disparate R&D areas
E-WorkBook Advance provides a centrally managed ontology to enforce consistent data entry and master data management.

Users have the ability to easily create assay and workflow templates that standardize data capture, all whilst working with our structured Data Mart and reporting engine that enables long-term governance.

Using E-WorkBook Advance also provides a rich knowledge-base for your business that can easily be reported on.

E-WorkBook Advance helps scientists manage structured data capture and modernize operational practices by improving throughput, analytics, traceability and sharing of critical scientific data and insight, through our spreadsheet technology.
WITH **E-WORKBOOK ADVANCE**, YOU CAN:

- Integrate data flow and process execution
- Manage deployments to support your organization and ambitions from a single, scalable cloud product
- Execute, analyze, report and decide on information that needs to be processed, and how results and decisions are to be used
- Allow for true automation and for the seamless transfer of information between individuals, systems and hardware
- Provide strict user governance and auditing trails that enable 21 CFR Part 11 compliance in regulated environments
Throughout the design process we have sought independent guidance and input from top R&D organizations, to keep us on track in delivering a desirable product, chemists want to use.

The chemical landscape is broad and encompasses many diverse industries across petrochemicals, industrial chemicals, FMCG, pharmaceutical and agrochemicals.

Chemists in each of these domains may have different requirements and E-WorkBook Chemistry supports the demands for each market vertical.

E-WorkBook Chemistry provides a simple and intuitive interface that supports the comprehensive workflows of organic chemistry synthesis and provides industry-leading technology for molecular representation and reaction indexing.
WITH **E-WORKBOOK CHEMISTRY**, YOU CAN:

- Design your experimental reactions quickly and look up reagents from local and online inventory sources
- Record your procedure and observations, together with the Health & Safety risks of the reagents and the reaction, and register your molecule using standardized interfaces
- Enter single molecules or reactions into an experiment with a comprehensive stoichiometry engine
- Calculate the required quantities of reagents, using equivalents based on mass, volume, density or concentration
- Retrospectively calculate the quantities of reagents required based on the desired quantity and expected yield of the product
Users of E-WorkBook Biology have the unique ability to edit, register and search for novel biomolecular entities within their business.

The addition of biomolecule structure support and integrated biologic registration allows for full traceability and advanced reporting across the product lifecycle.

E-WorkBook Biology aims to make registration and data management across the biologic R&D life cycle easier by adding complex biologics support to the world’s leading biology research platform.

By leveraging technology that uses the HELM standard, E-WorkBook Biology can manage traditional nucleotides, peptides and cell lines, as well as molecules with synthetic monomers and chemical modifications.
WITH **E-WORKBOOK BIOLOGY**, YOU CAN:

- Support biomolecule editing and rendering
- Support many complex molecule formats
- Support standard file formats (such as FASTA, GenBank, etc.)
- Associate results with a registered biomolecule
- Access unique functionality to support chemical modifications and synthetic monomers in the fuzzy area between chemical entities and biologic entities
Our laboratory inventory management software lets you record your lab equipment, materials, and samples and manage the locations where they’re stored.

E-WorkBook Inventory simplifies your lab management and sample management processes, which means you can record experiments faster, track and review inventory quickly and efficiently, improve the traceability of inventory usage, and reinforce compliance.

Integrating with the IDBS E-WorkBook Cloud, E-WorkBook Inventory provides organizations with more options when considering the capabilities they need, removing the need to implement disparate systems, such as LIMS.
WITH **E-WORKBOOK INVENTORY**, YOU CAN:

- Integrate with other external technologies, such as barcode scanners, making day-to-day updates and interactions even easier

- Access the system from a multitude of different device types, giving you inventory oversight wherever you are

- Extend the E-WorkBook platform in a way which reduces the lab technology you need, meaning you can avoid implementing disparate systems, such as Laboratory Information Management Systems (LIMS)

- Capture the full usage history of laboratory assets for subsequent reporting

- Build compliance at the point of use
E-WorkBook Connect is a secure, cloud-based technology that enables companies, who collaborate with external parties, to create secure spaces to share ideas, data, analysis methods and IP. Today, multiple systems, partners and locations generate data, which is stored in multiple locations such as email, custom tools and document repositories.

E-WorkBook Connect removes these challenges by providing a single, scientific technology that delivers secure and isolatable areas to do collaborative scientific work where ideas, data and IP can be captured for permanent record in E-WorkBook at the click of a button.
WITH E-WORKBOOK CONNECT, YOU CAN:

- Securely plan, track and execute complex R&D across multiple teams
- Easily coordinate tasks and maintain oversight of multiple external projects
- Save time and dramatically reduce external data transfer errors
- Create secure workspaces and invite new users – from both inside and outside your organization – in just a few minutes through a simple initiation process
- Publish and share experiments from E-WorkBook with the click of a button
- Easily pull shared information back into E-WorkBook, helping you turn collaborative work and insight into IP and a long-term record
Efficient research and development operations require the coordination of disparate business units, resources and timelines. E-WorkBook Request removes these challenges by enabling simple or multi-step work requests to be raised easily and in real time.

E-WorkBook Request enables teams to prioritize, schedule and fulfill complex, multi-step internal and external work requests, ensuring everything is completed on time and in the right order.

Internal or external service teams can prioritize, schedule and fulfill these work requests on time and in the right sequence. Work progress can be tracked simply via dashboards, notifications and via one-click status updates from within an experiment.
WITH **E-WORKBOOK REQUEST**, YOU CAN:

- Raise, track and fulfill work across diverse organizations
- Remove the need for complex, custom integrations between ELNs, LES, LIMS and other tools
- Track work and experiments from different projects using dedicated dashboards in just a single click
- Receive, schedule and fulfill work via dedicated web-based interfaces and optionally via email notifications
- Raise one or multiple work requests from within E-WorkBook, which enables routine workflows to be accomplished with ease
INTEGRATIONS
With E-WorkBook Integrations, we have thought long and hard about both the systems you’d want to integrate, and how you’d want to integrate them. Often having a simple one-direction communication is not good enough.

In the world of the integrated lab or IoT, the benefit comes from clear bi-directional communication between systems.

At IDBS we recognize that integrating your systems together is vital to ensuring data integrity and compliance. We’re also aware of the hidden costs often associated with achieving reliable integration.

E-WorkBook Integrations provides an extensive set of out-of-the-box integrations, alongside a clear set of integration points and APIs, enabling you to get all your systems talking together to create maximum efficiency.
WITH E-WORKBOOK INTEGRATIONS, YOU CAN:

- Access integrations for many frequently used systems and instruments, including SDMS, LIMS, CDS, ERP and benchtop instruments
- Develop integrations without writing code
- Combine a rich set of APIs with out-of-the-box integration mechanisms
- Receive support for the storage and editing of common file types
- Use a “print to E-WorkBook” capability, which allows reports and instrument print-outs to be captured easily, with full searchability and configurable methods for parsing instrument output files
E-WORKBOOK

• Create experiments and basic content (text, images, links, docs)
• Templates and placeholders
• Tag and comment
• Sign off and review including multi-step workflows
• Create and sign PDFs
• Version management (draft and version saves)

• File import
• Basic and advanced search
• Configurable organizational structural hierarchy
• Managed filesets (large file store)
• Landing pages
• Activity homepage
• Auditing and trail viewer
• Print to E-WorkBook

ADVANCE

• Core spreadsheet (formula, tables, charts, canvases)
• DataLink (Oracle, SQL server)
• Instrument reader (TCP/IP listening)
• Label printing (bartender support)
• Scientific Results Database (BRD)
• Embedded spreadsheet queries

• Generic transform
• Curve fitting (fit calculation, statistics, charts)
• Smart fill (read and write data to hierarchy entities)
• Knockouts (on data, fit charts, and automatic)
- Chemistry (molecule)
- Stoichiometry
- Parallel synthesis
- Chemistry lookup
- Integration to chemical registration systems
- Integration with 3rd party chemical drawing tools (ChemDraw, BioviaDraw and MarvinSketch)
- Legacy molecule translation script
- ActivityBase integration

- Biomolecule rendering and editing
- Integration with biomolecule registration systems
- Support for standard file formats (HELM, FASTA, GenBank)
If you would like to know how **The E-WorkBook Cloud** can help your business, talk to one of our experts today.