

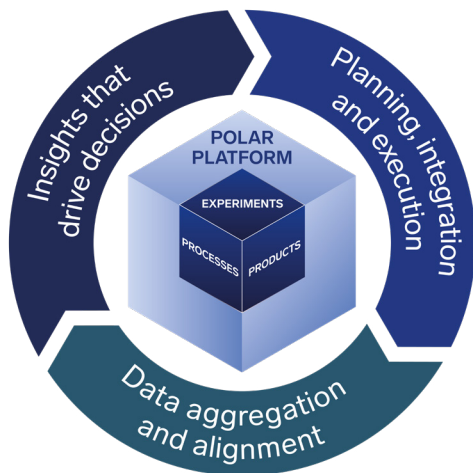


**A next-generation enterprise
lab informatics platform for
accelerating scientific innovation**

Unifying ELN, LES and LIMS capabilities in a flexible, GxP-compliant solution for end-to-end experiment, product and process data management with advanced analytics and reporting.

IDBS Polar powers the Lab Loop: From planning to insight

Scientific work follows a cycle—from planning experiments to executing them, collecting data and analyzing results – and then using the scientific outcome to inform and drive the next round of work. This cycle, known as the Lab Loop, represents the continuous, iterative nature of modern R&D. The Polar platform supports every stage of this loop, helping scientists streamline workflows, integrate data and generate insights that accelerate innovation.



The Lab Loop & IDBS Polar

Comprehensive R&D informatics



Well suited for iterative Lab Loop cycles from preclinical through to development, scale-up and tech transfer to support manufacturing.

Flexible, compliant workflows



Configurable, low-code/ no-code software supports a wide spectrum of scientific workflows from discovery to pilot plant.

Unified data backbone



Integrates experimental, product and process data into a single, contextualized product & process knowledge base.

Lab ecosystem compatibility



Comprehensive integration options for data in and out. Implement with IDBS or your preferred technology partner.

Advanced analytics & reporting



Analyze data in-platform with user-driven tools for deeper insights or export AI-ready data easily to other data stores.

GxP-ready environments



Choose between GxP-compliant or non-GxP configurations to meet your regulatory needs.

How is Polar different from traditional lab software systems?

Polar is a powerful, cloud-based lab informatics platform that unifies ELN, LES and LIMS capabilities—delivering end-to-end data management to drive scientific innovation. By bringing together the best of these systems, Polar goes beyond traditional lab software to offer a flexible, scalable and GxP-compliant solution designed to support the lab of the future.

With integrated capabilities, Polar enables:

- Secure, compliant experiment execution with real-time data capture and version control (ELN capabilities)
- Structured, reproducible data capture with low-code/no-code tools for procedural consistency (LES capabilities)
- Seamless inventory and sample management, fully connected to experimental workflow (LIMS capabilities)

This unified platform empowers scientists to streamline workflows, contextualize data across experiments and processes, and generate AI-ready insights that accelerate innovation.



Explore the IDBS Interactive Polar Product Guide

IDBS Polar at a glance

IDBS Polar is a next-generation, cloud-based lab informatics software platform designed to streamline scientific workflows using an interconnected set of capabilities across the BioPharma lifecycle. Polar is a significant evolution of IDBS E-WorkBook and was developed in recognition that our BioPharma customers' needs have grown over time. [Use this clickable navigation page to explore how Polar can help you.](#)

PLATFORM	Explorer	Enterprise-grade electronic lab notebook (ELN) that captures data real time and is built to meet regulatory standards
	Data backbone	A framework that connects experiments, results, materials, equipment and locations
	Integrations	A framework and library of pre-built connectors and APIs for system and data connectivity
	Insight	Data analytics engine that delivers real-time contextualized insights
CAPABILITIES	Advance	Multidimensional spreadsheet technology providing laboratory execution system (LES) capabilities
	Inventory	Integrated inventory management system – connecting lab execution with laboratory information management system (LIMS) capabilities
	Control	Centralized “recipe book” for process and parameter management
	Request	Manages and fulfills complex multi-step work requests
	Chemistry	Platform for chemical research and registration
	Collaboration	Secure, connected workspace for collaborating with external parties
	Accelerator library	Pre-configured customizable workflow and insight accelerators for common unit operations



IDBS Polar Platform

A next-generation enterprise informatics software platform with a unique set of interconnected capabilities.



Explorer

The core engine where experimental data and metadata is captured in real time in an enterprise-grade ELN, enabling improved efficiencies and enhancing collaboration in a secure, intuitive environment built to meet regulatory standards for electronic records and data integrity



Data backbone

A framework that connects experiments, results, materials, equipment and locations using FAIR principles to ensure data continuity and traceability by allowing for ease of searching, lookup, analysis and prediction across time



Integrations

The integration framework and library of pre-built connectors & APIs allows seamless connection of critical instruments & systems to Polar—ensuring data integrity, operational efficiency, and the full value of your scientific data



Insight

The data analytics engine that delivers real-time, contextualized insights with AI/ML capabilities through an intuitive interface—enabling scientists to analyze data within Polar or via third-party BI tools, supporting flexible, data-driven decision-making



The core engine where experimental data and metadata is captured in real time in an enterprise-grade electronic lab notebook (ELN), enabling improved efficiencies and enhancing collaboration in a secure, intuitive environment built to meet regulatory standards for electronic records and data integrity.

IDBS Polar **EXPLORER** (ELN)

We know that data is a company's most valuable asset and capturing all scientific experiment data is foundational to innovation. Yet in fast-paced R&D environments, full documentation and scalability remains a persistent challenge and critical to a company's long-term growth and success.

That's where Polar EXPLORER comes in, the core engine for capturing and managing experimental data and metadata in real time through a scalable enterprise-grade ELN.

With Polar EXPLORER, you can manage your organization's data management needs, boost operational efficiency, and enhance cross-team collaboration—all within a secure, intuitive environment that lets you focus on what you do best: science.

For companies operating in GxP-regulated environments, Polar EXPLORER includes built-in compliance features that ensures data integrity and improves operational efficiency. From secure electronic signatures and embedded audit trails to configurable access controls and versioning, it helps you meet global regulatory standards while accelerating innovation.

Polar EXPLORER doesn't just support your science—it powers your success.





Polar **EXPLORER** (ELN) capabilities & technical features

POLAR **EXPLORER** ENABLES YOU TO:

- 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

KEY FEATURES DRIVING REAL OUTCOMES:

- Create experiments & basic content (text, images, links and docs)
- Templates and placeholders
- Tag and comment with Tag Cloud view
- 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 file sets (large file store)
- Audit trail view
- Activity landing page (overview of ongoing work)
- Create records directly in Polar using a local print driver





A framework that connects experiments, results, materials, equipment and locations using FAIR principles to ensure data continuity and traceability by allowing for ease of searching, lookup, analysis and prediction across time.

IDBS Polar **DATA BACKBONE**

We understand that scientific data is one of your organization's most valuable assets—and ensuring it's complete, connected with context and accessible is essential to driving innovation and maintaining compliance. Without a strong foundation, data becomes fragmented, hard to trace and difficult to trust.

That's why the Polar platform is built on a DATA BACKBONE. Multimodal data is consolidated in a centralized platform, connecting experiments, raw materials, equipment and instrument data to maintain a complete and contextualized record of laboratory workflows—and the relationships between them. This ensures your teams can spend less time chasing data and more time making decisions that move science forward.

With the Polar DATA BACKBONE, you gain a reliable, scalable framework that supports traceability, reproducibility and insight generation across the entire development lifecycle.





Polar **DATA BACKBONE** capabilities & technical features

POLAR **DATA BACKBONE** ENABLES YOU TO:

- Ensure data continuity by linking experiments, raw materials, equipment and instruments across time and context
- Maintain a complete and contextualized record of laboratory workflows and the relationships between them
- Improve traceability and compliance with a centralized, structured data foundation
- Enable faster, more confident decision-making and innovation by providing scientists with connected, high-quality data at every stage
- Seamlessly access contextualized data across the IDBS platform and customer tools

KEY FEATURES DRIVING REAL OUTCOMES:

The Polar DATA BACKBONE enables seamless access to contextualized data across the IDBS platform and customer tools. It supports:

- Data transformation, piping and storage to meet workflow needs like integration, automation, analysis, insights and AI-driven predictions
- FAIR principles and open standards to ensure easy data exchange in and out of the platform
- Workflow automation for data capture, analytics and insight generation





The integration framework and library of pre-built connectors and APIs allows seamless connection of critical instruments & systems to Polar—ensuring data integrity, operational efficiency and the full value of your scientific data.

IDBS Polar **INTEGRATIONS**

We understand that seamless integration between systems is essential for maintaining data integrity, ensuring compliance and driving operational efficiency. Yet many organizations face challenges with fragmented data, manual handoffs, and the high cost of building and maintaining reliable integrations.

That's why Polar INTEGRATIONS is designed to simplify and accelerate connectivity across your digital ecosystem. Built on decades of experience integrating scientific systems, Polar INTEGRATIONS delivers a comprehensive set of pre-built connectors, well-documented APIs and clearly defined integration points—enabling your systems to work together efficiently.

Whether connecting instruments, ELNs, LIMS or enterprise platforms, it ensures data flows securely and consistently, supporting automation, surfacing instrument data in scientific workflows and enabling better decision-making across your organization.





Polar **INTEGRATIONS** capabilities & technical features

POLAR **INTEGRATIONS** ENABLES YOU TO:

- Easily accomplish integration of most frequently used systems and instruments, including SDMS, LIMS, CDS, ERP and benchtop instruments using well-established patterns for one-way and two-way data flows
- Integrate instrument data files into structured laboratory workflows without writing code
- Automatically ingest reports and instrument print-outs into the ELN with full searchability using the zero-config/OOTB 'Print to IDBS' tool
- For less commonly encountered systems/instruments, a comprehensive set of platform APIs & extension points can be effectively leveraged, supported by the extensive experience of IDBS' Professional Services team, to find a path to successful integration

KEY FEATURES DRIVING REAL OUTCOMES:

- Integrations with biomolecule registration systems, CDS, DMS and lab instruments using generic connectors such as OPC, label printer, catalog populator and database polling application

Proven integration examples:

- Cytiva UNICORN™ software using generic OPC
- SCIEX Analyst
- Chromatography Data Systems (CDS)
 - Waters Empower™ Chromatography Data Software (CDS)
 - Thermo Scientific Chromeleon CDS
- NuGenesis™ Scientific Data Management System (SDMS)





INSIGHT delivers real-time, contextualized data through an intuitive interface—empowering users by providing direct access to data, advanced analytics and AI/ML-driven insights at their fingertips.

IDBS Polar **INSIGHT**

We know that turning scientific data into meaningful insights is essential for accelerating decision-making and driving innovation. But without the right tools, data often remains siloed, underutilized or too complex to act on—slowing progress and limiting impact.

That's why Polar INSIGHT is designed to unify your data across experiments, inventory, time and locations—transforming raw data into actionable insights. Through advanced analytics and AI/ML capabilities, Polar INSIGHT delivers both retrospective analysis and predictive analytics to drive product and process intelligence.

Its growing library of pre-configured applications spans key drug development activities—from equipment and study tracking to Design of Experiments (DoE), Multivariate Analysis (MVA), bioanalysis, cell line genealogy, and bioreactor comparison—covering preclinical and clinical development and more. These applications are easily accessed in the INSIGHT Launchpad, and source data and visualizations are also exportable for use with third-party business, intelligence and reporting tools.

Whether you're monitoring equipment, optimizing workflows, identifying trends, or performing root cause analysis, it empowers users across your organization to make faster, smarter decisions—driven by data they can trust.





Polar **INSIGHT** capabilities & technical features

POLAR INSIGHT ENABLES YOU TO:

- Visualize real-time data in an intuitive interface tailored for scientific workflows
- Leverage AI/ML models to uncover trends, predict outcomes and accelerate decision-making
- Access contextualized analytics directly from your experiments, materials and processes
- Empower teams across functions with self-service dashboards and customizable reports
- Drive continuous improvement by turning raw data into actionable insights across the development lifecycle
- Unlock advanced, pre-configured analytics without the need for complex software or technical expertise

KEY FEATURES DRIVING REAL OUTCOMES:

- Design, run and analyze experiments and processes in a single software platform
- Evaluate variables and identify correlations between parameters and inputs
- Interact with visualizations to explore the data that you need
- View contextualized data together without needing to manually import data sets or understand complex data models
- Visualize genealogies and trace relationships
- Export data and visualizations for reports in other tools



IDBS Polar Capabilities

A next-generation enterprise informatics software platform with a unique set of interconnected capabilities

 Advance	This unique multidimensional spreadsheet technology provides laboratory execution system (LES) capabilities and allows scientists the flexibility to build and customize workflows to match their processes and fit their needs including complex data analysis
 Inventory	This solution streamlines lab operations by integrating lab execution with LIMS capabilities to track and manage samples, materials and equipment across experiments—delivering full traceability for compliance, actionable insights and operational excellence
 Control	A centralized knowledge repository for parameter tracking and process definition management, connecting seamlessly to experiment execution. This helps teams enhance process understanding and strengthen control strategies
 Request	A centralized management feature that helps teams manage and fulfill complex, multi-step work requests, ensuring team activities and laboratory operations are prioritized, scheduled, tracked and completed on time
 Chemistry	This platform for chemical research and registration helps you draw molecules and reactions, run stoichiometry calculations and record the procedures, parameters, associated data and outcomes of the reactions
 Collaboration	Creates a secure platform for external partners to enter data directly, coordinate tasks, track progress and analyze data leveraging built-in data integrity and compliance features of Polar. Eliminating the need for manual transcription of external data
 Accelerator library	A growing collection of pre-configured customizable workflow and insight accelerators designed to help launch projects faster, ensure consistency and reduce manual effort across the drug development lifecycle



Back to Polar at a glance



This multidimensional spreadsheet technology provides LES capabilities, giving scientists the flexibility to configure workflows to match their processes and meet their data analysis needs. Polar ADVANCE enforces structured data entry and performs complex analysis automatically—driving consistency, ensuring compliance, and delivering accurate, repeatable results with actionable insights.

IDBS Polar **ADVANCE**

We know that capturing structured scientific data accurately and consistently is critical to driving operational efficiency, ensuring compliance and unlocking long-term value. Yet many organizations still rely on disconnected tools and manual processes that create data silos—limiting throughput, hindering collaboration and making it difficult to trace or reuse valuable insights.

Polar ADVANCE provides Laboratory Execution System (LES) capabilities with our unique multidimensional spreadsheet technology, allowing scientists to build and customize structured workflows including complex data calculations and analysis. Polar ADVANCE enables standardized data entry through centrally managed ontologies and reusable templates—ensuring consistency across teams and workflows. With its inherent flexibility and power, Polar ADVANCE provides configurable features to match your processes and fit your exact needs.

It integrates seamlessly with the Polar DATA BACKBONE and INSIGHT engine, creating a rich, traceable knowledge base, with contextualized data, that supports automation, governance and smarter decision-making and innovation across your organization.





Polar **ADVANCE** capabilities & technical features

POLAR **ADVANCE** ENABLES YOU TO:

- Build custom workflows by adding tables, views and visualizations
- Arrange tables and views into logical flow
- Integrate with data sources inside and outside the platform
- Define and lock down automatic calculations, with controlled permissions to ensure data quality and trust in processing
- Publish results in and out of the platform
- Customizable automation for real time monitoring and alerting of exceptions to ensure data quality
- Execute a workflow experiment, analyze results and make informed decisions
- Perform complex maths with real scientific algorithms and statistical analysis with 70+ models, interactive charting, and custom models validated for scientific accuracy. An example includes four-parameter logistic regression for plate based assays

KEY FEATURES DRIVING REAL OUTCOMES:

- Core spreadsheet (formula, tables, charts and canvases)
- DataLink (Oracle, SQL server)
- Instrument reader (TCP/IP listening)
- Label printing (bartender support)
- Scientific results warehouse
- Embedded spreadsheet queries
- Data in/out capabilities
- Curve fitting (fit calculation, statistics and charts)
- Smart fill (read and write data to hierarchy entities)
- Outlier knockout (on data, fit charts and automatic)





This intuitive solution streamlines lab operations by integrating lab execution with LIMS capabilities to track and manage samples, materials and equipment in and across experiments—delivering full traceability for compliance, actionable insights and operational excellence.

IDBS Polar **INVENTORY**

We know that managing lab inventory efficiently is critical to keeping operations running smoothly, ensuring compliance and freeing up scientists to focus on their high-impact science. Yet many labs still rely on disconnected, legacy systems or manual tracking, which leads to wasted time, lost samples, delayed maintenance and limited visibility across teams.

Polar INVENTORY simplifies the laboratory workflow and sample management processes, by integrating lab execution with LIMS capabilities, resulting in improvements in turnaround time and the quality of data capture.

Using Polar INVENTORY with Polar ADVANCE helps scientists save time with increased efficiencies via real time sample and material tracking. Accurate inventory reporting results in less rework and improved compliance with visibility to the location of samples and materials along with equipment readiness.





Polar **INVENTORY** capabilities & technical features

POLAR **INVENTORY** ENABLES YOU TO:

- Record and report on your lab equipment, materials and samples and manage their locations
- 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
- Create reports and associated alerts for monitoring the use and status of laboratory assets and samples
- Extend the Polar platform in a way which reduces the lab technology you need, connecting seamlessly to other capabilities in the platform e.g. Polar ADVANCE
- Capture the full usage history of laboratory assets for subsequent reporting
- Build traceability and compliance at the point of use

KEY FEATURES DRIVING REAL OUTCOMES:

- Lifecycle management of samples, materials and equipment from registration to disposal
- Parent-child genealogy and full lineage traceability
- Set of pre-configured properties and lists
- Import and export inventory items via .csv
- In-built data quality and validation checks
- Seamless connectivity to experiments to track usage and consumption
- Generate reports and alerts regarding sample and asset status and availability
- Granular location and storage management
- Permission controlled access to inventory locations





A centralized knowledge repository for parameter tracking and process definition management, connecting seamlessly to experiment execution. This helps teams enhance process understanding and strengthen control strategies.

IDBS Polar **CONTROL**

We understand that consistent, high-quality drug development depends on your ability to manage and track process parameters over time, to quickly gather process insight, and optimize processes as necessary. Yet many organizations struggle with fragmented documentation, disconnected systems and limited visibility into how critical parameters evolve across the development lifecycle.

That's why Polar CONTROL acts as a centralized “recipe book” for drug development—capturing, managing and contextualizing process and method parameters in one connected environment. It enables teams to document processes, track parameter changes at a granular level and link them directly to execution data. By integrating product and process knowledge in a single platform, Polar CONTROL enables organizations to build process understanding, drive data-driven process optimization and accelerate drug development activities with confidence.





Polar **CONTROL** capabilities & technical features

POLAR **CONTROL** ENABLES YOU TO:

- Centralize process and method protocols in a single, structured repository for easy access and reuse
- Track parameter evolution over time, including changes in criticality and specification
- Connect process design to execution for full traceability and lifecycle management
- Incrementally develop and optimize processes to drive continuous improvement
- Support development activities like process characterization, tech transfer and scale-up with consistent, well-documented process definitions
- Enable better decision-making with historical context and data-driven insights

KEY FEATURES DRIVING REAL OUTCOMES:

- Document, track and manage individual process parameters and quality attributes
- Update status, ranges and limits for parameters and attributes
- Version control parameters, attributes and process definitions over process evolution
- Embed parameter data into workflows
- End-to-end process tracking and versioning across scientific workflows and teams





A centralized management feature that helps teams manage and fulfill complex, multi-step work requests, ensuring team activities and laboratory operations are prioritized, scheduled, tracked and completed on time.

IDBS Polar REQUEST

We understand that managing complex, multi-step scientific work across teams and timelines can be challenging—especially when requests span departments, systems or even external partners. Without a centralized way to coordinate and track work, delays, miscommunication and inefficiencies can quickly arise.

That's why Polar REQUEST is designed to simplify how scientific work is requested, scheduled, and fulfilled. Whether it's a single task or a multi-step workflow teams can raise and manage requests in real time—ensuring work is completed on time and in the right order. With built-in dashboards, notifications and one-click status updates, Polar REQUEST keeps everyone aligned and informed, without the need for complex integrations or manual tracking.





Polar **REQUEST** capabilities & technical features

POLAR REQUEST **ENABLES** YOU TO:

- Plan, schedule and track project activities from experiment execution to instrument calibration and maintenance
- Raise, assign, schedule and track work across internal teams and external partners
- Manage studies (ex: preclinical studies, stability, method development and process characterization), campaigns and associated work
- Improve visibility to the work requested of your lab

KEY FEATURES DRIVING REAL OUTCOMES:

- Raise, track and fulfill work
- Plan, schedule and coordinate project activities in one interface
- Raise work requests from within Polar
- View and track request-related inventory
- Receive email notifications
- Collaborate with both internal and external partners





This platform for chemical research and registration helps you draw molecules and reactions, run stoichiometry calculations and record the procedures, parameters, associated data and outcomes of the reactions.

IDBS Polar **CHEMISTRY**

We recognize that chemists need tools that are both powerful and intuitive—solutions that support the complexity of synthetic chemistry while adapting to the needs of diverse industries. Whether in pharmaceuticals, agrochemicals, petrochemicals, or consumer goods, accurate chemical data capture is essential for innovation, safety and compliance.

Polar CHEMISTRY is purpose-built to support the full breadth of synthetic organic chemistry workflows. With a modern, user-friendly interface and advanced capabilities for molecular representation and reaction indexing, it enables chemists to design, document and register reactions with precision and ease.

Beyond execution, Polar CHEMISTRY along with the Polar DATA BACKBONE empowers organizations to unlock the full value of their data. Its robust export and integration capabilities allow seamless access to structured reaction data for downstream applications like predictive analytics, machine learning and AI-driven insights—helping teams accelerate discovery and make smarter decisions.





Polar CHEMISTRY capabilities & technical features

POLAR CHEMISTRY ENABLES YOU TO:

- Design your synthetic reactions quickly, accessing reagents & pulling their metadata from local and remote chemical and inventory sources
- Record your procedure and observations, together with the health and safety risks of the reagents and the reaction, and publish your product molecules to chemical registries using industry standard interfaces
- Enter single molecules or reactions into an experiment with a comprehensive stoichiometry computation engine
- Calculate the required quantities of reagents, using equivalents based on mass, volume, density or concentration
- Calculate the required quantities of reagents and starting materials required based on the desired quantity and expected yield of the product
- Register molecule to external registration systems, such as ChemAxon

KEY FEATURES DRIVING REAL OUTCOMES:

- Chemistry (molecule)
- Stoichiometry
- Parallel synthesis
- Chemistry lookup
- Integration to chemical registration systems
- Integration with third party chemical drawing tools (ChemDraw, BioviaDraw and MarvinSketch)
- Legacy molecule translation script
- ActivityBase integration





Creates a secure platform for external partners to enter data directly, coordinate tasks, track progress and analyze data leveraging built-in data integrity and compliance features of Polar. Eliminating the need for manual transcription of external data.

IDBS Polar COLLABORATION

We know that scientific collaboration is essential to accelerating innovation—but working with partners often introduces complexity, risk and inefficiencies. Managing access, transferring data and maintaining oversight across multiple projects, can slow progress and compromise security.

That's why Polar COLLABORATION is designed to simplify and secure collaborative work within your existing Polar environment. It eliminates the need for separate tools by providing dedicated, isolatable workspaces where internal teams and external partners including CROs (Contract Research Organizations), CMOs (Contract Manufacturing Organizations), and CDMOs (Contract Development and Manufacturing Organizations) can collaborate in real time. With flexible user roles, centralized administration and built-in security, Polar COLLABORATION helps you move faster—without compromising control.





Polar COLLABORATION capabilities & technical features

POLAR COLLABORATION ENABLES YOU TO:

- Create secure, dedicated workspaces for internal teams and external collaborators such as CROs, CMOs and CDMOs
- Share project-specific information securely—partners only see what you grant them access to
- Eliminate the need for email-based information sharing by consolidating communication and data exchange in one platform
- Enable partners to enter data directly into the platform, reducing duplication and manual entry
- Coordinate tasks and track progress across multiple projects with ease
- Allow external collaborators to use your Polar ADVANCE and EXPLORER templates for seamless data capture and analytics within the same platform
- Easily invite collaborators to your project and remove them when the project concludes
- Support regulatory compliance with features like 21 CFR Part 11-compliant electronic signatures, for record sign-off

KEY FEATURES DRIVING REAL OUTCOMES:

- Data capture and analytics
- Shared innovation space
- Job and workflow management
- User access control
- Project visibility control
- Granular permissions
- Integrated data entry
- Compliance-ready





The Polar ACCELERATOR LIBRARY helps teams launch scientific projects faster with customizable, best-practice workflows and insight applications that drive consistency, quality and efficiency from day one.

IDBS Polar **ACCELERATOR LIBRARY**

Starting new scientific projects can be time-consuming and resource-intensive—especially when data capture and insight tools need to be built from scratch. Without standardized approaches that reflect best practices, consistency, speed and quality are often compromised.

The Polar ACCELERATOR LIBRARY solves these challenges with a growing collection of pre-configured and customizable workflow and insight accelerators designed to support core processes, analyses and operations.

These accelerators include Polar ADVANCE templates, insight applications and data models for your inventory and results, all built on domain expertise, product know-how and proven methodologies.

The Polar ACCELERATOR LIBRARY spans across domains, unit operations and use cases from preclinical research to early and late-stage development to tech transfer. It supports the development of diverse therapeutic modalities, with accelerators for key activities including DMPK and stability studies to process development stages like seed train expansion and purification, to analytical assays such as ELISA, HPLC etc. Leveraging these accelerators enables teams to jumpstart projects, minimize manual configuration and accelerate progress from day one.





Polar **ACCELERATOR LIBRARY** capabilities & technical features

POLAR ACCELERATOR LIBRARY ENABLES YOU TO:

- Jumpstart new projects with domain-specific customizable workflows
- Standardize scientific processes and align nomenclature across teams and sites using best-practice configurations
- Streamline high-quality, reliable reporting with harmonized, consistent data mapped to robust interoperable data models ready for AI/ML applications
- Ensure data quality and consistency across experiments and operations
- Scale efficiently by reusing and adapting workflows and insight applications to meet evolving research needs

KEY FEATURES DRIVING REAL OUTCOMES:

- Appropriate metadata, experiment data and process data capture fields to document data at point of execution
- Standardized nomenclature for consistent, reproduceable execution capabilities
- Seamless connectivity with other Polar capabilities e.g., EXPLORER, INVENTORY, CONTROL to drive data integrity and efficiency
- Automated, validateable calculations for GxP compliance
- In-built business-rule management to enhance quality
- Ability to integrate with common laboratory instruments and software
- Comprehensive audit trails for regulatory compliance



GxP compliance is engineered into everything we do

8 Reasons to choose IDBS

1 Enhanced data integrity



Our software solutions are designed from the ground up with technical controls to meet the stringent requirements of 21 CFR Part 11 and Eudralex Vol. 4, Annex 11 and enforce user compliance with ALCOA++ principles.

4 Industry leading expertise



With over 20 years of experience in regulated life sciences, you can rely on our deep regulatory and industry best practice knowledge to achieve your goals.

7 Proven security



Our ISO 27001 certification and annual SOC 2 compliance assessments by an AICPA-registered auditor demonstrate that our controls related to security, availability, processing integrity and confidentiality meet the highest standards.

2 Intelligent validation support



Regardless of your validation methodology, you can leverage our platform qualification (IQ/OQ) to significantly reduce your testing burden. Our Professional Services team is also here to support all your validation needs.

5 Forward-thinking GxP partner



GxP compliance is at the forefront of everything we do, from product strategy and software development to change management of your validated environments. Our dedicated GxP Guild keeps abreast of regulatory changes and ensures our best practices evolve accordingly.

8 Comprehensive support



From initial discussions to post-implementation, our experienced scientific and technical teams are dedicated to your success. We set you up for success by having the best team in place to support you every step of the way.

3 Upgrades without disruption



Our robust change management process enables you to schedule major platform upgrades at your convenience, minimizing impact on your critical operations.

6 Trusted quality



Our ISO 9001 certification demonstrates our commitment to continual improvement and high-quality standards. Our quality practices align with industry best practices and regulatory standards, giving you confidence and peace of mind.

IDBS at a glance



Top-rated for GxP compliance¹



Highest-ranked satisfaction and most-used scientific lab data platform²



75% of Top 20 BioPharma have been our customers for 10+ years³

1. [Market research study comparing IDBS to seven other comparable software vendors used in Research & Development, Preclinical CR0s and Process Development. Data on file.](#)
2. [IDBS Market Research study with 856 respondents using ten comparable scientific lab data platforms, 2024-2025.](#)
3. [Rank measured by Market Cap, Q3 2024, & 2025. Data on file.](#)

IDBS Services and Support

The IDBS Customer Experience

From the first discussions to post-implementation, IDBS has experienced scientific, and technical teams to ensure your success continues after go-live.

FIRST CONTACT TEAM

Your key Account Managers will bring in Solutions Consultants to demonstrate the value IDBS products and solutions bring to your organization.

IMPLEMENTATION TEAM

The Professional Services team provides scientific and technical expertise to deliver tailored solutions to your organization and to address your business problems.

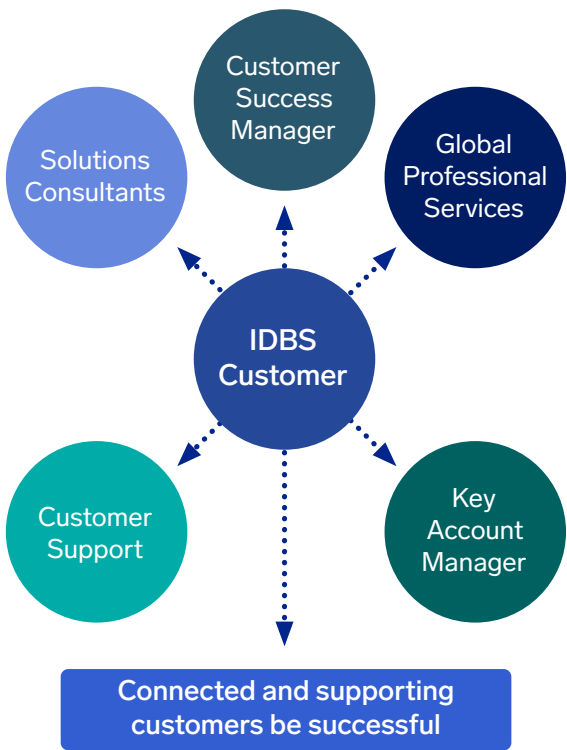
POST-IMPLEMENTATION TEAM

Handover doesn't mean stepping back. It means the beginning of a new phase in our partnership. We're committed to your tangible success beyond implementation. Our Customer Success managers actively work with Enterprise customers to achieve measurable results and deliver outcomes to maximize your return on investment.

CUSTOMER SUPPORT TEAM

IDBS Customer Support is available to answer system queries and issues that may arise to keep your system running optimally day to day.

Setting our customers up for success means having the best team in place to ensure that happens



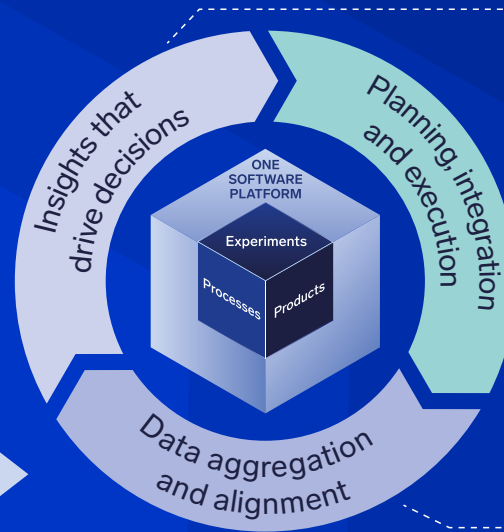
IDBS Polar: designed to evolve with you and accelerate your pace of innovation

- 80% faster reporting
- 75% saved QA time
- 60% less compliance activity time
- 50% faster study cycle times

Based on results achieved with our customers*

Accelerating your
pace of innovation
and digitization

We see a way to
help you achieve
your goals



Secure access to
complete, actionable
and AI-ready data
to generate insight

Flexible and compliant
workflow with unique
breadth of R&D
coverage

Unified knowledge
store of contextualized
experiment, product
and process data

*Data on file at IDBS



Home



About IDBS

IDBS helps BioPharma organizations unlock the potential of AI/ML to improve the lives of patients. As a trusted long-term partner to 80% of the top 20 global BioPharma companies¹, IDBS delivers powerful cloud software and services specifically designed to meet the evolving needs of the BioPharma sector.

IDBS, a Danaher company, leverages 35 years of scientific informatics expertise to help organizations design, execute and orchestrate processes, manage, contextualize and structure data and gain valuable insights throughout the product lifecycle, from R&D through manufacturing. Known for its signature IDBS **E-WorkBook** software, IDBS has extended its flexible, scalable solutions to the IDBS **Polar** and **PIMS** cloud platforms to help scientists make smarter decisions with assured confidence in both GxP and non-GxP environments.

1. Rank measured by Market Cap, Q1 2024.

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