SciY

Digitalization, Automation and AI Readiness from R&D to Manufacturing

Generating AI-ready data through capture and standardization

SciY Digitalization Suite

SciY offers a comprehensive range of solutions and services to digitalize and manage the entire data lifecycle: from experiment design and data creation through human/AI ideation, to data processing and analysis, use of automation and robotics, process management and control, and implementation of self-driving labs.

Experiment Design

SciY's advanced tools for conceptualization and planning of experimentation including curated AI and integration with SciY's Data platform, ensure that experiments are efficiently planned and data is Findable, Accessible, Interoperable, and Reusable (FAIR), maximizing its value.

- Chemistry AI
- ELN
- Molecular Biology Construct Design

Data Analysis and Knowledge Extraction

The SciY team has been mastering spectrometry and spectroscopy knowledge extraction for more than 20 years. Today, SciY combines this expertise with workflow automation and integration, resulting in a comprehensive offering that covers the entire data flow.

- Purification Workflow
- Structure Verification
- Reaction Optimization

Robotics and Automation

Smart, accurate, and reproducible analytical testing with SciYbotic solutions, combining instrumentation management, automation, robotics, and knowledge management and control, for laboratories and GxP environments.

- SciYbotic Quality Test Machines
- SciYbotic Tablet Test Machine
- SciYbotic Labs
- synTQ Process Management Software

Process Management and Control

Spending too much time synchronizing instruments and their data when monitoring reactions and bioprocesses? synTQ brings:

- Instrument Orchestration and Data Consolidation
- Process Understanding and Real-time Control
- Compliance with 21 CFR Part 11 and Data Integrity Principles
- Handshake between R&D and Manufacturing

Self-Driving Labs and Factories

SciY has a unique value proposition, offering automation, digitalization, and instrumentation under the same umbrella and across the entire value chain.

- Design, Make, Test, Learn (DMTL)
- The Digital Lab
- Advanced Manufacturing

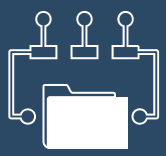
Data Management

SciY's data management solutions ensure the comprehensive management of the entire data lifecycle, maintaining its value, exploitability, and reusability both today and in the future.

Data Platform

SciY's Data Platform automates the process for capturing and centralizing data across an organization, making the data Findable, Accessible, Interoperable, and Reusable (FAIR).

- AI and Automation Readiness
- Data Preservation
- Data to Knowledge
- Security and Compliance



Method Digitalization

Wasting too much time due to method disparity and lack of standardization? Take a look at SciY's Method Digitalization:

- Effortless Method Conversion
- Standardization for Time Saving
- Simplifying Instrument Setup
- Error Reduction

ELN/LIMS Consolidation

Eliminate the need to juggle multiple LIMS/ELN systems with SciY's ELN/LIMS consolidation. Our platform eradicates the need for manual data assimilation and reduces disruptions by unifying diverse data architectures.

- Connectivity
- Data Preservation
- AI-driven Decisions

Chemistry and Biology ELN

Cloud-based with secure data sharing between CRO, CMO, service labs and their customers. Data segregation.

- Chemical and Biological Entities
- Structured Database
- 100% Web-based

LIMS

Cloud-based, built with modern, open technology. API-based.

- Fast (less than one min from registration to certificate of analysis)
- Great UX
- Flexibility to incorporate business needs

SciY is continually improving its products and reserves the right to change specifications without notice.
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Answering the Scientific Why.

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