

SDH(Scientific Data Hierarchy)



Sample Inspection Process

Intuitively Connect, Integrate, Manage, and Unlock the Power of Scientific Data.

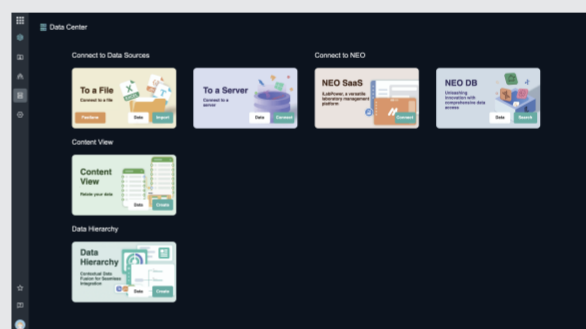
► Unlock Data Potential, Achieve Success

SDH is an enterprise-class platform designed to empower scientific R&D and manufacturing with efficient data management, visualization, and analysis. Featuring zero-code operations and standardized workflows, SDH simplifies data integration and drives data-driven decision-making for intelligent innovation. By unlocking the potential of scientific data, SDH enables teams and organizations to gain valuable insights, enhance compliance, and foster a culture of innovation.

► Key Features

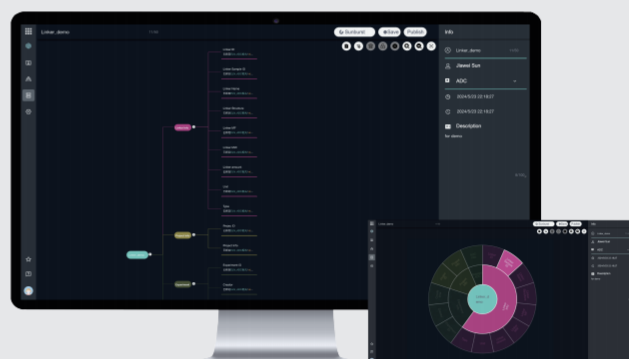
01 Diversify Data Connection

Effortlessly connect and integrate data from internal systems, external databases, and various file formats. SDH ensures seamless data flow with automated synchronization and real-time updates, enabling your team to make informed, data-driven decisions with confidence.



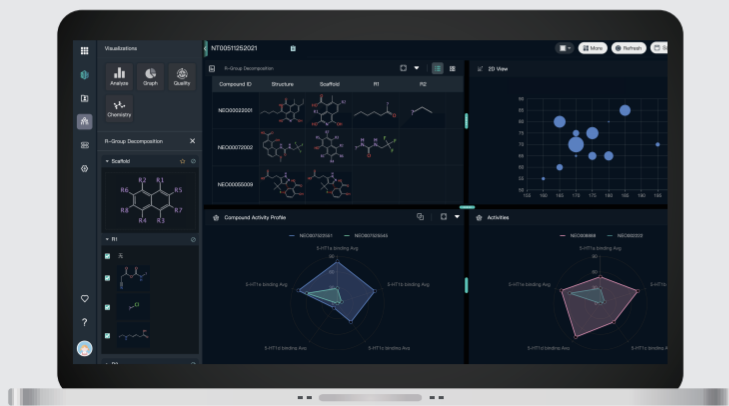
02 Reimagine Data Integration

SDH organizes and integrates data from diverse sources using a parameter dynamic matching engine that arranges scattered parameters into a tree-like mind map. This contextual integration of data based on business scenarios or process flows enhances data accessibility and relevance, improving decision-making processes across your organization.



03 Visualize Data Insights

Create powerful BI reports and enterprise-level dashboards with ease. SDH offers flexible data analysis and visualization tools, complete with a rich library of built-in charts, enabling you to transform complex data into actionable insights that drive your business forward.

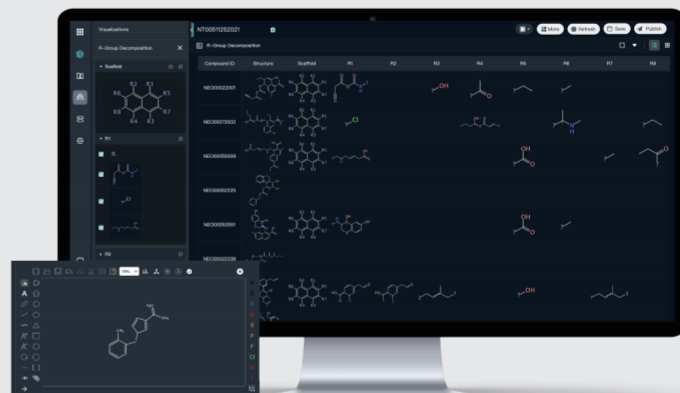


► SDH for Business Problem Solving

Address business challenges with SDH's specialized data analysis tools. Monitor, explore, and analyze your operations to uncover opportunities, optimize processes, and make strategic, data-driven decisions that enhance business performance.

► SDH for Scientific Research

For R&D, SDH provides comprehensive tools for scientific data analysis, including structure-activity relationship analysis, scaffolds, and R-group decomposition. Quickly build dashboards to visualize data and gain insights into your research. SDH empowers teams to explore scientific data deeply, turning complex information into meaningful discoveries that accelerate R&D success.



► SDH for Quality and Process Engineering

SDH offers quality management tools for R&D and process monitoring, helping you quantify, control, and minimize variations in products, services, or processes. Use control charts to monitor process stability and predictability, and employ process capability analysis tools to ensure consistent production that meets quality standards.

► Key Benefits for Your Organization

- **Enhanced Decision-Making:** Gain real-time insights from integrated data, empowering teams to make faster, more informed decisions.
- **Increased Efficiency:** Automate data integration and synchronization, reducing manual efforts and streamlining operations.
- **Improved Compliance:** Establish data standards and protocols to ensure regulatory compliance across all stages of R&D and manufacturing.
- **Boosted Innovation:** Unlock the full potential of your scientific data, turning it into actionable insights that drive innovation and business success.
- **Quality Control:** Maintain product and process quality with advanced analytical tools that identify variations and ensure standards are consistently met.



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