

# DATA MOBILITY AND THE LAB OF THE FUTURE

How Scitara and Snowflake accelerate lab insight

## REVOLUTIONIZE LAB PROCESSES

With the growing need for more efficient scientific advancements, Scitara DLX is poised to become an indispensable tool for laboratories around the world. Its unique features and capabilities, combined with the power of the Snowflake Data Cloud, make it the ideal solution for laboratories looking to revolutionize their processes and stay ahead in the competitive landscape of predictive analytics, scientific data mining and quality control.

The science based industries including pharmaceuticals, biotech, food, industrials & diagnostics, are continuously striving to accelerate process development, enhance quality control, and optimize costs. To achieve these goals, the adoption of integration platform as a service (iPaaS) solutions has emerged as a promising approach. iPaaS enables seamless integration of diverse software applications (e.g. LIMS, ELN, CDS), data sources, and devices. Scitara's Digital Lab Exchange (DLX) stands out as the pioneering iPaaS for Science, offering a powerful solution to the challenges faced by research & manufacturing labs.

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**We are proud to partner with Snowflake and bring our collective capabilities and expertise to our joint customers and offer a truly next generation data cloud solution for lab data.**

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## AJIT NAGRAL

Chief Executive Officer  
- Scitara Corporation



### COMMERCIAL, CONFIGURABLE PLATFORM

Scitara DLX can be rapidly deployed and configured to your laboratory and serve as a central bridge to pipe all processed data be it ELN, CDS, SDMS or QC LIMS.



### DATA INTEGRITY

Premier data integration solution for data in flight with full audit trail for all digital transactions.



### IPaaS DATA MOBILITY

Scitara DLX is infrastructure that automates the exchange of data between laboratory assets. It supports the concept of a composable IT architecture.



### SCALABLE & SECURE DATA PRODUCTS

Build quality scientific data products quickly leveraging Snowflake's security, governance & native data transformation capabilities.



### ACCELERATING LAB INSIGHTS

Leverage Snowflake or third-party analytics to gain critical insights into laboratory data and operations with both prescriptive and predictive analytics.



### FLEXIBLE DATA MODEL

Leverage the flexibility of the Snowflake data cloud and its automatic schema detection feature to future proof your lab data repositories.

In addition, data cloud platforms like Snowflake have become indispensable in the industry, serving as centralized repositories for a wide array of data from various sources to enable advanced analytics and data-driven decisions. The Snowflake data cloud platform effectively accommodates structured, semi-structured and unstructured information, empowering companies to store and analyze a vast range of data types including images, omics & data from clinical operations. Scitara’s ability to bring data from various research & analytical labs along with their associated metadata greatly enhances the ability to create enriched data products

**SCITARA DLX: GROUNDBREAKING iPaaS FOR SCIENCE**

Scitara's DLX is a cloud-based iPaaS designed to address the unique data integration, management, and collaboration needs of scientific laboratories. As the first iPaaS for science, DLX offers several key features and benefits:

- Cloud-based architecture:
- Support for diverse data formats and protocols Consistent ontology and schema
- Streamlined workflows
- Improved collaboration



**SCITARA DLX WITH SNOWFLAKE**

When integrated with the Snowflake Data Cloud, Scitara DLX becomes even more powerful. Snowflake offers secure, scalable, and easily accessible data storage, as well as advanced analytics capabilities. By integrating data from various sources, such as laboratory instruments, electronic lab notebooks (ELNs), and laboratory information management systems (LIMS), Scitara DLX enables researchers to access and analyze data more efficiently in a centralized data foundation. Snowflake empowers powerful analytics capabilities allowing scientists to optimize synthesis processes, and expedite predictive analytics and triggers and alerts for process deviations.

**ABOUT SNOWFLAKE**

Snowflake enables every organization to mobilize their data with Snowflake’s Data Cloud. Customers use the Data Cloud to unite siloed data, discover and securely share data, power data applications, and execute diverse AI/ML and analytic workloads. Wherever data or users live, Snowflake delivers a single data experience that spans multiple clouds and geographies. Thousands of customers across many industries, including 590 of the 2022 Forbes Global 2000 (G2K) as of April 30, 2023, use Snowflake Data Cloud to power their businesses. Learn more at [snowflake.com](https://snowflake.com)

**ABOUT SCITARA**

Scitara is a global provider of cloud-based, industry-specific platform and solutions for the life sciences industry. Based in Massachusetts, the Scitara leadership brings decades of experience in solving digital challenges for the scientific laboratory: Meet the Modern Lab™. For more information, please visit [www.scitara.com](https://www.scitara.com).