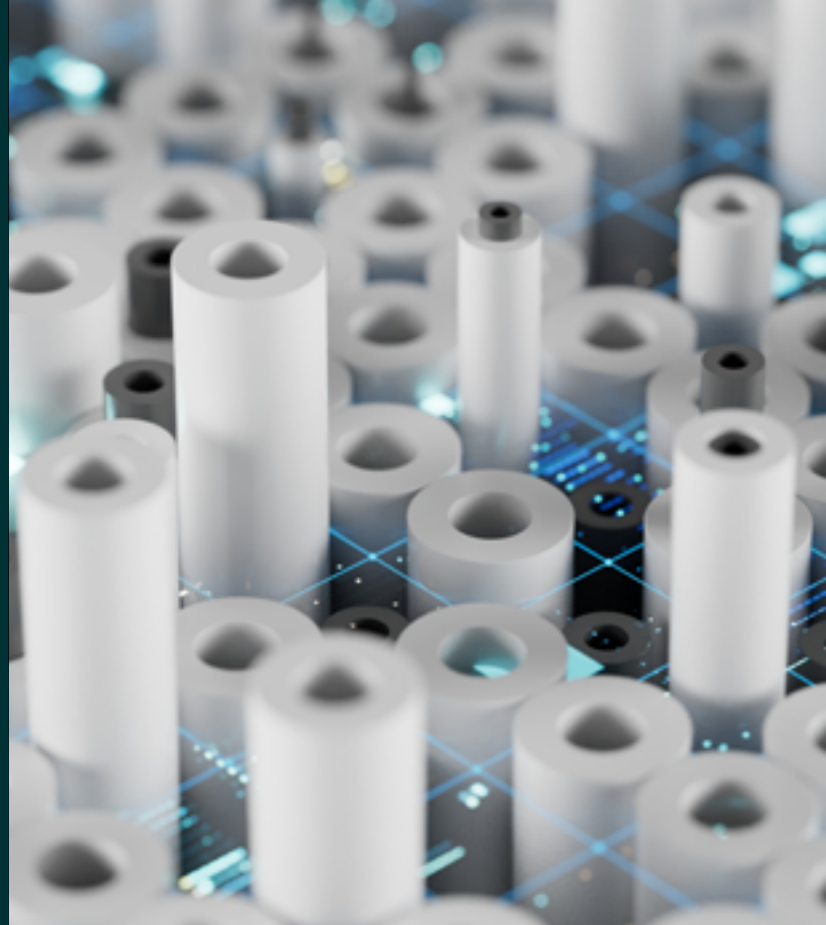**U unisys**

Enjoy silo-free data management and governance

Unisys Modern Data Engineering

Highlights

Real-time data processing to access the latest insights and information

Artificial intelligence (AI)/machine learning model integration within the data lake environment

User-friendly interface for accessing and analyzing data

Data observability and monitoring capabilities

Scalability of the data lake infrastructure and resource management

Zero extract, transform and load (ETL) and automation of data workflows, reducing manual intervention and speeding up data processing

AI promises incredible value to organizations eager to innovate, especially when extracting insights from the immense volume of data modern technology generates. However, as data is often scattered across multiple systems and departments, many organizations struggle with data silos that limit access and visibility. A modern data warehousing approach can address these concerns.

The Unisys Modern Data Engineering solution brings together data lakes and purpose-built data stores and services to support data management and governance. It breaks down silos across systems, data and people, so organizations can put data to work more effectively.

The solution integrates and centralizes data into a unified data lake, implements robust data governance practices and reduces or eliminates the need for traditional ETL processes. These capabilities will help you simplify data complexity, heighten scalability and improve your ability to deliver real-time insights.

Integrate AI and machine learning

Enable real-time predictions, recommendations and automation based on data insights. Integrate AI and machine learning capabilities directly into your data architecture.

How you benefit

Effortless data access: Provide effortless access to data from diverse sources, eliminating the need for time-consuming ETL processes. Access data where it resides or after it's been seamlessly integrated with a unified data lake, allowing for faster and more-agile analytics.

Zero ETL approach: Eliminate the complexities of custom pipeline development by gaining zero ETL. With this approach, you can achieve rapid data retrieval for immediate ingestion and analysis, guaranteeing users timely access to real-time actionable observations without the hindrance of manual data processing delays.

Enhanced data integration and governance: Streamline the integration of structured and unstructured data from various sources. Ensure data quality, compliance and security with robust data governance features. You can track data lineage, conduct audits and implement access controls for transparency while adhering to regulatory requirements.

User-friendly analytics access: Encourage data literacy within your organization by making analytics accessible to users regardless of technical expertise. Unisys Modern Data Engineering simplifies the analytics workflow, allowing users to focus on deriving insights rather than wrestling with technical complexities.

Comprehensive security: Protect data from vulnerabilities, ensure granular authorizations, manage identities and enforce encryption standards with the comprehensive security features of Unisys Modern Data Engineering. These features help you safeguard data integrity and bolster confidence in data protection within your organization.

Why Unisys?

Unisys stands out for its commitment to superior data quality and governance, using automation to enhance the efficiency and accuracy of data pipelines and leading to faster and more relevant observations, essential for a modern data platform. The integration of AI into Unisys' data and analytics strategy fosters transparency and trust, maximizing the potential of technology and AI investments.

As a Microsoft Gold Partner with expertise in data and AI, Unisys leverages Microsoft Azure to power its Modern Data Engineering solution. This visionary and collaborative approach ensures transformative outcomes for organizations.

Data observability and monitoring

Gain visibility into data usage, performance and anomalies that make it easier to enhance your data quality and reliability.

To explore how Unisys Modern Data Engineering can help break down silos within your organization across systems, data and people, visit us online or contact us today.