

EVIDEN

Data Engineering and Management

Seamless data movement
to modern platform

Generate differentiating
business decisions with
data engineering
and management

Leverage a rock-solid data foundation, automated data engineering and optimized data management to master the changing space of data processing

In today's competitive digital marketplace, enterprises need to process diverse data sources quickly, efficiently and accurately. This requires a highly scalable computation framework and the automation of repeatable actions, in order to reduce error-prone manual intervention. Unfortunately, many enterprises are unable to manage the growing volume, variety and velocity of data. Legacy platforms can process huge data volumes but come with high CapEx and licensing costs — which has a huge negative impact on ROI. They also struggle to cope with rapidly evolving technology change and diversity

Eviden Solution

To address these challenges and help clients automate, scale their data processing needs and manage their overall data landscape more effectively, Eviden provides an end-to-end data engineering and management offering. It helps enterprises derive value from data faster, by migrating existing legacy data stores and workloads to a highly-scalable unified data platform architecture. It delivers a data-centric architecture with smart integration for ingestion services, scalable compute, adaptive catalog and intuitive dashboards for improved business intelligence. It supports the core aspects of the data lifecycle, including:

- **Scalable, automated pipelines** to simplify workflows, by leveraging data processing bots to manage complex data transformation needs and accelerate processing
- **Data quality and cleansing**, to ensure high quality, accurate data is available for business users
- **Data wrangling, exploration, cleaning and refinement**, to supply the right curated datasets for analytics
- **Data consistency**, to ensure organization-wide data harmony and content cohesiveness
- **Custom monitoring and alerting**, to ensure all processing workloads are working seamlessly
- **Data encryption, security & governance**, to enforce best-practice data compliance standards across the globe
- **Automated DataOps**, enabling automated end-to-end data processing lifecycle management



Why Eviden

Our end-to-end solution generates meaningful insights by optimizing the storage and processing of your organization's data assets. We provide extensive data engineering knowledge, deep implementation expertise, and a portfolio of reusable IP assets to accelerate your transition to a data-centric architecture. These assets include:

Through our strong partnerships with hyperscalers, we have deep expertise building scalable data engineering solutions on platforms like Microsoft Azure, AWS and Google Cloud. We also leverage research and thought leadership developed by the Eviden Scientific Community, which is dedicated to co-innovation with clients and academic institutions. We also constantly retrain and reskill our teams through Eviden University, to meet the dynamic and evolving needs for data engineering and transformation services

Data lifecycle toolkits that ensure early detection and resolution of data issues, and help accelerate the data processing lifecycle by leveraging data bots.

Data engineering frameworks and accelerators including horizontal solutions and industry-specific solutions.



Eviden in action

Transforming the international shipping experience through analytics

Eviden helped a global logistics company reduce the percentage of international shipments delayed or detained by customs authorities by developing a self-learning system that provides predictive alerts and recommendations when shipment documentation is generated. It leverages a highly-scalable compute and optimized big data storage on Azure architecture, as well as reusable and parameterized data pipelines

Solution Highlights

30% Data processing bots reduced data engineering efforts by 30%

16% Achieved a 16% reduction in shipment detentions

20% Higher customs clearance



Delivered a superior customer experience with a digitized, simplified shipment process

Improving sales with customer data management and analytics

Eviden leveraged automated data engineering to help a leading financial services company build a cloud-based customer 360 platform that delivers improved lead scoring through advanced analytics. We collaborated with Azure and Snowflake to deliver one of the first implementations of data platform-as-a-service. It dramatically improved time to market and enabled seamless integration across both on-premises and Azure cloud data repositories.

Solution Highlights

- 40%** faster data provisioning leveraging automated data exchange framework
- 60%** Metadata-driven data ingestion framework accelerated dataset onboarding
- 30%** increase in qualified leads through advanced analytical models
- 18%** Exceeded sales targets

Data platform modernization for healthcare

Eviden is building a modern data platform solution and migrating the on-premises legacy environment to a new Azure based platform using automated workload converter bots. This scalable, multi-tenant solution will provide more accurate payment and revenue data to help the company improve revenue, control costs and improve quality of service. It is designed to support future business expansion and the 5X data explosion anticipated in coming years

Solution Highlights

- 60%** Reduction in platform costs by leveraging reusable pipelines and data transformation bots
- 70%** Faster client onboarding with a unified, catalog-driven data onboarding framework

Industry 4.0 data platform for life sciences

A global pharma and life sciences company needed to quickly develop and roll-out digital products to its 80+ factories worldwide. Eviden helped enable the ingestion and integration of data from numerous partners and product vendors, developing an automated process that can handle various data types, formats and frequencies. Leveraging AWS Cloud, Snowflake and other tools, we integrated and prepared the data, making it ready for business users to access powerful self-service analytics

Solution Highlights

- 45%** Repeatable processes accelerated new partner onboarding
- 25%** Improvement in manufacturing excellence KPIs

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About Eviden ¹

Eviden is a next-gen technology leader in data-driven, trusted and sustainable digital transformation with a strong portfolio of patented technologies. With worldwide leading positions in advanced computing, security, AI, cloud and digital platforms, it provides deep expertise for all industries in more than 53 countries. Bringing together 57,000 world-class talents, Eviden expands the possibilities of data and technology across the digital continuum, now and for generations to come. Eviden is an Atos Group company with an annual revenue of c. € 5 billion.

¹ Eviden business is operated through the following brands: Alia Consulting, AppCentrica, ATHEA, Atos Syntel, Bull, Cloudamize, Cloudreach, Cryptovision, DataSantics, digital.security, Eagle Creek, EcoAct, Edifixio, Energy4U, Engage ESM, Forensik, IDEAL GRP, IDnomic, In Fidem, Ipsotek, Maven Wave, Miner & Kasch, Motiv, Nimbix, Processia, Profit4SF, science+computing, SEC Consult, Visual BI, Worldgrid, X-Perion, zData

About Atos

Atos is a global leader in digital transformation with 112,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris. The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space. Learn more at: atos.net

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