

EVIDEN

Modern data
architecture

Align data with
business strategy

Create a data-driven
organization and build
competitive advantage

A modern data architecture enables enterprises to align data with the business strategy. Building an open, future-ready data architecture provides a solid foundation for growth and long-term competitiveness.

Organizations expect their data platforms to deliver many things. The business agility to meet evolving business needs. The flexibility to handle peaks and valleys in workloads. Real-time actionable insights that create competitive advantage – all with fast ROI, low TCO and regulatory compliant. That’s a lot to expect from any system. Unfortunately, traditional data platforms like data lakes and data warehouses are extremely labor intensive and costly. As organizations integrate new data sources, business rules must be changed to work with the existing data. This requires a lot of time consuming, error-prone re-engineering work, which often results in brittle data platforms.

Eviden solution

To overcome these challenges, Eviden provides modern data architecture services that deliver the required business agility, scalability and resilience that organizations need. Our services are ROI-driven and designed to eliminate the risk of migrating from traditional to modern data architectures like cloud, multi-cloud and hybrid. They include:

Assessment and Blueprint	Accurately assesses, documents, and analyzes gaps in your current data architecture
Strategy and Roadmap	Defines your future state modern data architecture and creates a milestone based migration roadmap
Implementation	End-to-end migration from your current state to future state data platform in an accelerated, risk-free manner
Post-migration Support	Ongoing support to optimize the cost, performance and security of your data operations

Why Eviden

To ensure we create the right solution to meet your future data needs, we leverage design thinking workshops to analyze your business problems and generate and validate new ideas. We also engage the Eviden Scientific Community to conduct client innovation workshops to explore the art of the possible.

For rapid experimentation and prototyping, we leverage our AI Lab and Eviden Studio, which provide a ready-to-use environment for the co-creation of working prototypes and MVPs

30%-40%

Eviden has strong focus on **IP and Accelerators**, and we do significantly invest on that to drive efficiency and Faster time to Market thru Automation in our BI Engagements, we have seen **30- 40 % reduction** across data lifecycle realization for our customers.

Some of the key accelerators are

Data Assessment Toolkit consists of frameworks and tools to access data maturity and build a roadmap for modernization.

Data Modernization Toolkit is a diverse set of tools to accelerate the journey of your data and analytics platform to cloud

Eviden in action

Cloud data and BI strategy for insurance

Eviden collaborated with a leading US life insurer to develop a transformational data and BI strategy and to rationalize tool usage. Using our data assessment toolkit, Eviden conducted interviews and workshops with stakeholders from 12 different business groups for current state assessment and gap analysis.

We then recommended a cloud platform, tools, reference architecture, standards, best practices and optimized processes. Eviden also delivered a phased implementation roadmap with short-, mid- and long-term milestones and goals. Our efforts delivered:



Improving end user confidence in data



Improving the accuracy & consistency of customer & Merchant information



Making reports more maintainable and consistent

Building a cloud data foundation for pharma

Eviden helped a leading pharmaceutical company define and build a new data foundation platform on cloud and phase out its existing legacy data warehouse. Eviden provided a rapid tool evaluation and recommendations using a proprietary scoring framework that is part of its data assessment toolkit.

Based on these findings, we defined the future state architecture and a clearly-defined governance model — as well as an implementation strategy and roadmap. The new data platform is now supporting lighthouse initiatives that will be expanded to meet the company's future needs.

Enterprise data strategy for a manufacturer

A leading engine manufacturer was unable to generate business insights as fast as the business required. At the core of the issue were siloed data assets and a lack of data governance and demand planning. Eviden conducted design workshops with business and IT stakeholders to understand the current state of the company's data capabilities and identify and gaps in people, processes and technology.

We helped the company define its enterprise data and governance strategy, as well as a roadmap towards a comprehensive big data implementation built on Microsoft Azure. The overall solution delivered outcomes such as:

Improved business/IT alignment

A strong business case for short and long-term data and insights initiatives

Improved data governance, use case execution, demand and capacity planning

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About Eviden¹

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.

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