EVIDEN

# Analytics & Insights
## Business analytics to derive value

Unlock the value of
data through analytics
and insights

an atos business

# Generating and operationalizing actionable business insights with AI and machine learning, you can build a truly data-driven organization and create new sources of value.

Our services are designed to deliver continuous Insights with AI-powered operational analytics, reinvent the customer experience, and enable smarter decisions at scale with insight-driven guidance delivered in real time.

They include key capabilities such as data visualization, reporting, self-service BI, analytical storytelling and embedded analytics. Our offering portfolio consists of:

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| **BI Strategy** | Assessment, evaluation and strategy development |
| **BI Tool Assessment and Evaluation** | Determine which enterprise BI platform is the right fit.<br>• Parameter/scoring-driven assessment<br>• License evaluation and guidance |
| **Report Migration and Rationalization** | BI tool rationalization to reduce technical debt/licensing cost<br>Optimization of the existing visualization inventory |
| **Design and implementation** | Approach and estimation to build MVP and industrialize at scale leveraging<br>• Quick POCs, prototypes, wireframes<br>• Interactive dashboards<br>• Summarized view with KPIs/scorecards |
| **Self-service BI** | Developing an architecture framework with the flexibility to create powerful reporting and insights without IT intervention<br>• Defining users/personas<br>• Sandbox provisioning<br>Enabling analytical storytelling, combining analytics and data science for high impact |
| **BI Platform Maintenance, Support & Upgrade** | • Performance tuning<br>• Managing security content<br>• SSO authentication<br>• Initiation, set-up |

# Why Eviden

To ensure risk-free delivery, Atos has employed a proven global delivery model to optimize and scale 100+ large data programs. Our high performance, pod-based model enables flexibility and CI/CD with Agile and DevOps to drive developer productivity and code quality improvements — accelerating the delivery of analytics solutions

We are experienced in navigating clients through the journey to increased delivery maturity, helping them move from T&M to factory models and outcome-based managed services. Atos maintains elite partnerships with leading hyper scalers and BI vendors, bringing best practices, proven migration/build approaches, early access to new features, and training and certification programs to bridge skill gaps. Finally, our accelerated approach for migration and conversion leverages a host of IP-based tools and accelerators for data validation, cross-browser testing, metadata extraction and other uses.
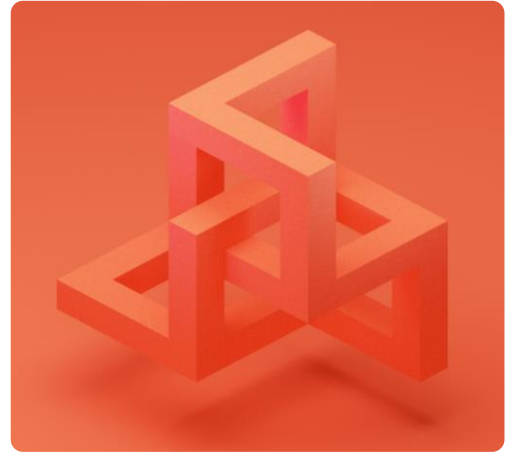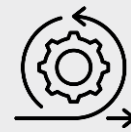
## Business benefits

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| Reduced operational risk | Higher customer satisfaction through reduced issue resolution time | Increased operational agility |

# Eviden in action

## Single view of the patient for healthcare

Atos designed and currently supports a massive clinical data warehouse that sources electronic health record (EHR) data from more than 150 facilities and 50 lines of business for a large North American hospital network. We built a modern, Azure-based data warehousing solution to improve hospital supply chain efficiencies and establish a single version of truth for patient data.

The system has generated a 15% productivity gain in care delivery through effective metrics tracking, as well as a 10% cost optimization in sourcing hospital supplies. It also improved patient outcomes by leveraging analytics to enable a reduction in hospital-acquired infections (HAI).

## Improving marketing effectiveness for a leading credit union

Atos helped a financial services company create new insights with a cloud-based customer 360-degree platform. We provided data migration solutions to move nearly 50 terabytes of on-premises data and 30+ ingestion frameworks from an existing Informatica and SQL technology stack to Snowflake and Azure Data Factory. The new system's capabilities delivered improved time to market and more effective lead scoring by using AI/ML techniques

## Performance analytics for a renewable energy provider

Atos helped a renewable energy company implement a cloud-based application for real-time monitoring of its wind turbines. The company wanted to expand its operations and maintenance services but was experiencing scalability challenges. Atos developed a cloud-based app leveraging the SCADA (supervisory control and data acquisition) architecture to monitor wind turbine performance, enable remote turbine control and deliver real-time insights. The result has been an 97% improvement in asset availability and an overall reduction in operational expenses. In addition, the solution enables the company to analyze historical performance data and use advanced analytics and machine learning to anticipate future power yield and predict failures before they happen

## Retail operational analytics for a commercial oil company

A large petroleum products company had difficulty maintaining operational compliance across its retail outlets, with no ability to monitor sales performance and critical events in real time. Atos provided a centralized monitoring and analytics solution designed to seamlessly integrate with the company's Contract Management Systems (CMS) ecosystem. It collects, aggregates and analyzes Fluid Catalytic Cracking (FCC) data across retail outlets and their critical equipment. It incorporates specialized algorithms to keep track of inventory levels, raise alarms and detect potential operational irregularities. The new solution enables the oil company to leverage real-time operational analytics to keep a close watch on sales performance down to the individual retail outlet level.

# EVIDEN

### 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, DataSentics, 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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