ZALONI
THE DATA LAKE COMPANY

DATA LAKE 360°: A HOLISTIC APPROACH TO MANAGING AND GOVERNING BIG DATA

"Data management and data governance are critical to turning the concept of a data lake from theory into reality. Zaloni tackles this issue from top down and bottom up."

- Matt Aslett, Research Director, 451 Research

Data lakes—centralized repositories for raw data from multiple sources that can be made available to many users for nearly any purpose—will become essential to the modern data architecture. Their inherent flexibility promises to give enterprises the agility and scalability required to derive timely, valuable business insights from big data.

But transitioning to a data lake architecture is easier said than done for enterprises contending with multiple legacy data platforms and applications. Zaloni's Data Lake 360° solution helps you navigate the complexity of creating a modern, integrated big data architecture for advanced analytics and data science. We provide you with a well-managed data lake that is governable and that you can grow over time. We help you:

- Ensure a successful data lake implementation
- Address the full range of technology and business challenges, including governance
- Stay relevant with the quickly evolving big data ecosystem
- Solve the skills gap at your organization
- Make big data management and analytics more efficient and cost-effective

Why Zaloni Data Lake 360°

In order to achieve the agility, shorter time to insight, and scalability that a data lake promises, you need a unified, integrated approach to data lake management and governance that will provide:

Data visibility
Metadata management capabilities allow you to keep track of what data is in the lake and its source, format and lineage.

Data reliability
Gives you confidence that your analytics are always running on the right data, with the right quality.

Data security and privacy
Ensures access control, provides data masking (e.g., for personally identifiable information (PII)) and ensures compliance with industry and other regulations.

Democratized access to useful data
Extends end user accessibility and self-service (to those with permissions) to get more value from the data.

What is Zaloni Data Lake 360°

Zaloni's Data Lake 360 provides everything you need for a holistic approach to managing and governing a data lake. Data Lake 360 includes Bedrock, the industry's only fully-integrated data lake management platform, and Mica, a data catalog and self-service data preparation tool, which enable you to manage the entire data pipeline from ingestion through extraction. You also benefit from our knowledge about the quickly evolving big data ecosystem and the specialized technical skills we bring to the project.
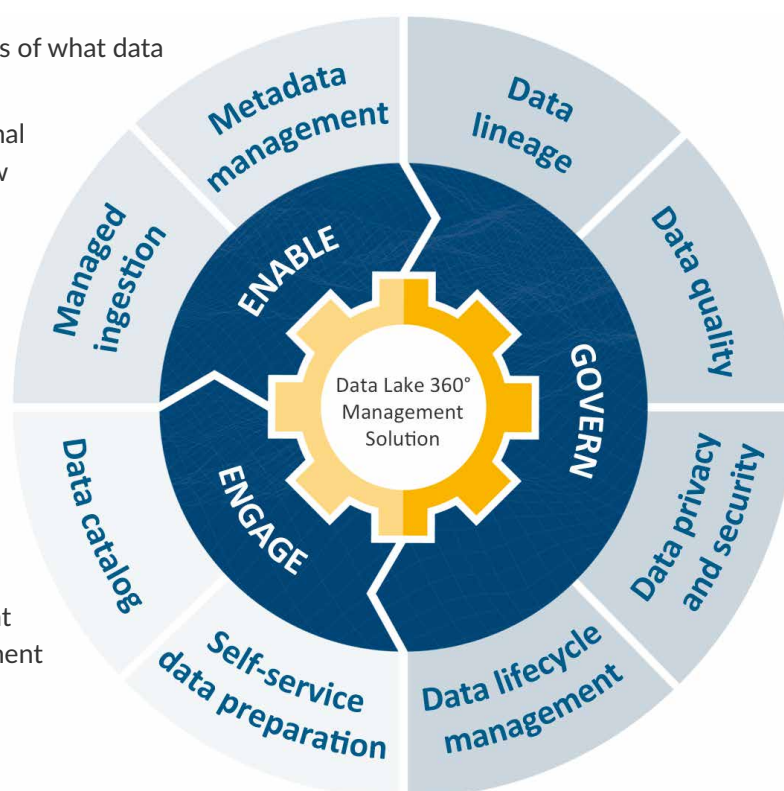
Enable the lake:

- **Managed ingestion:** Defines, tracks and logs all steps of what data is ingested into the data lake

- **Metadata management:** Applies technical, operational and business metadata to have a more complete view of your inventory

Govern the data:

- **Data lineage:** Tracks where data comes from and what happens to it over time

- **Data quality:** Provides a clear understanding and level of each dataset's quality

- **Data privacy and security:** Leverages metadata to apply permissions, policy- based security, masking and tokenization

- **Data lifecycle management:** Automates management of data assets from use and reuse to eventual retirement and long-term storage/archiving

Engage the business:

- **Data catalog:** Provides an enterprise-wide view of data to discover and curate

- **Self-service data preparation:** Provides a sandbox for end users to interact and work with sample data and export results or create a workflow

Zaloni's Data Lake 360 solution helps you navigate the complexity of creating a modern, integrated big data architecture. We help ensure you truly derive value from the data lake, helping to implement specific business use cases and making big data management and analytics more efficient and cost-effective. To learn more about how your company can successfully transition to a data lake approach, download our Data Lake 360° White Paper.

BEDROCK

Data Lake Management Platform

Bedrock is a fully integrated data lake management platform that provides visibility, governance, and reliability. By simplifying and automating common data management tasks, customers can focus time and resources on building the insights and analytics that drive their business.

MICA

Self Service Data Preparation

Mica provides the on-ramp for self-service data discovery, curation, and governance of data in the data lake. Mica provides business users with an enterprise-wide data catalog through which to discover data sets, interact with them and derive real business insights.

Zaloni Professional Services

Your trusted partner for building production data lakes

Zaloni has more than 400+ staff years of big data experience working globally across the US, Latin America, Europe, Middle East and Asia. Zaloni Professional services offers expert big data consulting and training services, helping clients plan, prepare, implement and deploy data lake solutions.

Professional Services Include:

- Big Data Use Case Discovery and Definition
- Data Lake Assessment Services
- Solution Architecture Services
- Data Lake Build Services
- Data Lake Analytics Application Development
- Data Science Services

About Zaloni

Delivering on the Business of Big Data

Zaloni is a provider of enterprise data lake management solutions. Our software platforms, Bedrock and Mica, enable customers to gain competitive advantage through organized, actionable big data lakes. Serving the Fortune 500, Zaloni has helped its customers build production implementations at many of the world's leading companies.

To learn more about Data Lake 360°:

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