Irion EDM
Enterprise Data Management

Irion®
creating data advantage

GO BEYOND, BE DECLARATIVE.

Competitive, excellence, compliance:
govern, manage, control and exploit available data
to create business value.

Irion
creating data advantage™

Challenges

A competitive market, in all sectors, where speed plays a fundamental role.

Information is the key resource: but it must be timely, correct, complete and available when needed, managed in compliance with rules and regulations.

GDPR, Industry 4.0, Fintech: These are only some of the developments that companies have to deal with in their respective sectors. The difference between problems to be faced and opportunity to gain a competitive advantage lies in the ability to better manage business data.

Ideal Solution

The increasing amount of data makes it difficult to identify data required to address a specific topic. Useful information can be the result of controls, rule-based enrichment and original data aggregation.

Required volumes and computational power may vary according to circumstances.

For these reasons, companies need flexible and integrated Enterprise Data Management environments for cataloging, governance, control and quality restoration, data preparation and subsequent use, exploration and analysis -even complex - through machine learning techniques.

Desired Outcomes

With these tools, business users and IT work on the same data, each with necessary functionalities to sustain and enhance their role and skills. The availability of these tools on the cloud enables flexible accessibility, scalable to necessary processing resources.

This is why eight of the top ten Italian banks use solutions based on Irion EDM platform. This is also why important Finance players (banks, insurance companies) use Irion on Microsoft's Azure cloud.

Irion EDM Platform

Irion creating data advantage™

The end-to-end Enterprise Data Management platform – future-proof, agile by design, declarative.

End-to-end

An integrated suite that includes:

- All the functional components for data management (Data Modeling, Management, Governance, Quality, Discovery, Masking; Advanced Analytics, Machine Learning - R and Python-), Process Orchestration;
- A powerful development system.

Declarative

- Irion is the declarative paradigm's highest expression (on which well-known languages, such as SQL, are based)
- Focus on the problem solving and expected results, state what you want to achieve. Let Irion take care of choosing, optimizing and executing all technical steps.

Agile by design

- Irion was designed to concretely support projects based on Agile principles.
- The engine for automatic documentation in natural language and the Everything As a Table (EAST) technology maximize the benefits of an Agile approach.

Future-proof

- The solutions implemented with Irion EDM platform are solid, robust, performing, even as the volume of managed data increases.
- Irion guarantees full functionality over time of applications developed with previous versions, without expensive port operations.

A single EDM platform in which business and IT users work together to extract maximum value from corporate data.

Irion EDM + Microsoft Azure

Irion Enterprise Data Management power: As much as you want, where and when you need it, on Microsoft's Azure cloud.

End-to-end

Microsoft makes all of Irion EDM platform features available on Azure.

Business glossary, Metadata dictionary, Rule engine, Masking engine, structured data discovery, One-click-audit, Natural language doc. engine, R, Python and all other Irion components available on Azure: a complete EDM suite.

Performing

Irion is an enterprise-class data management suite designed to handle large volumes of data. The Declarative Extract Load & Transform (DELT) technology automatically and dynamically implements the most efficient execution strategies. Additionally, Irion is optimized to take full advantage of Microsoft technology performance capabilities.

Flexible, scalable

Need more power? Microsoft Azure cloud guarantees all the resources you need (physical space, computational power), when you need it and only then. The full Irion suite and other Microsoft services available on Azure have everything you need to manage all data, structured or not, and every problem, from the simplest to the most complex.