

# INDUSTRIALIZE YOUR DATA

Data is at the heart of your business. It's your greatest asset to better serve customers, improve products, and navigate complex business environments.

Data is also key to transforming for the future and delivering the value of Industry 4.0.

**Is your data ready to get to work?**

## Three Challenges to Reaching 4.0 Potential

### 1 Can't get to the data you need

Critical data are stuck in silos and spread across hundreds of thousands of systems. To get answers often requires manual effort and results in loss of data. In fact, according to McKinsey&Co., companies are losing up to 99% of their data through information leakages.

### 2 Can't share data once you've got it

Complex environments mean complex security and permissions requirements that can cripple attempts to combine data. Keeping track of and enforcing who can see what information can be as challenging as accessing the data.

### 3 Can't keep up with the data coming your way

On top of this is a continuing explosion of data from systems and machinery. Making sense of the signal from the noise and leveraging useful data requires contextual understanding of the data and how it can be used.

If this is your reality, you need MarkLogic® – the world's best database for integrating data from silos.

“ Oil and gas companies currently report losing up to 99% of their data through information leakages. After a mere one percent of the collected data was analyzed, essentially none of the results were used to drive decision making.

McKinsey&Company, Industry 4.0 Report

## Manufacturing Companies Trust MarkLogic

Organizations wanting to realize the potential of Industry 4.0 need to “industrialize their data.” MarkLogic does just that with a proven architectural pattern called the Operational Data Hub. MarkLogic’s data solutions are the answer to solving outdated infrastructure challenges. Manufacturing companies can bring together data from across the supply chain and put it to work to improve safety and product quality and efficiency, even in the most complex environments. Manufacturers can have confidence that MarkLogic’s advanced data solutions will give them success in the Industry 4.0 revolution.



## MarkLogic Solutions that Work

### Cisco

- Wanted to meet increasing customer demand for Google-like search and delivery of technical documentation, including products from the past 30 years.
- MarkLogic selected to host new content hub, quickly and easily integrating over 80,000 URLs with dense information such as tables and charts.
- Cisco now easily incorporates new products, meets its searchability goals, and improves customer service.

### Autoliv

- Needed to improve searchability for traceability.
- MarkLogic helped ensure the company’s manufacturing data is quickly, easily, and affordably maintained, searchable, and secure.
- Autoliv also conducted queries and reports in record time, quickly answering questions that were either difficult to answer, or took too much time to discover.

### Eaton

- Had grown from \$5 billion to \$20 billion in revenue through acquisitions; had over 100 different ERP systems.
- Needed to deliver a consolidated view of how the company was performing.
- Implemented MarkLogic’s Operational Data Hub and achieved a 4.2:1 acceleration in data integration time, letting them more quickly answer questions in a very dynamic world.

These customers are joined by their peers in Aerospace, Automotive, Heavy Industry, Oil & Gas and Chemicals in using modern database technology to put their data to work.

## Win the Industry 4.0 Revolution with MarkLogic

MarkLogic’s Operational Data Hub empowers our manufacturing customers to more quickly achieve a unified, 360 view of their data – at less cost. Find out why leading manufacturing organizations trust MarkLogic to help them deliver innovative products, increase the value of their content, and gain a competitive edge – making 4.0 your company’s success story.

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