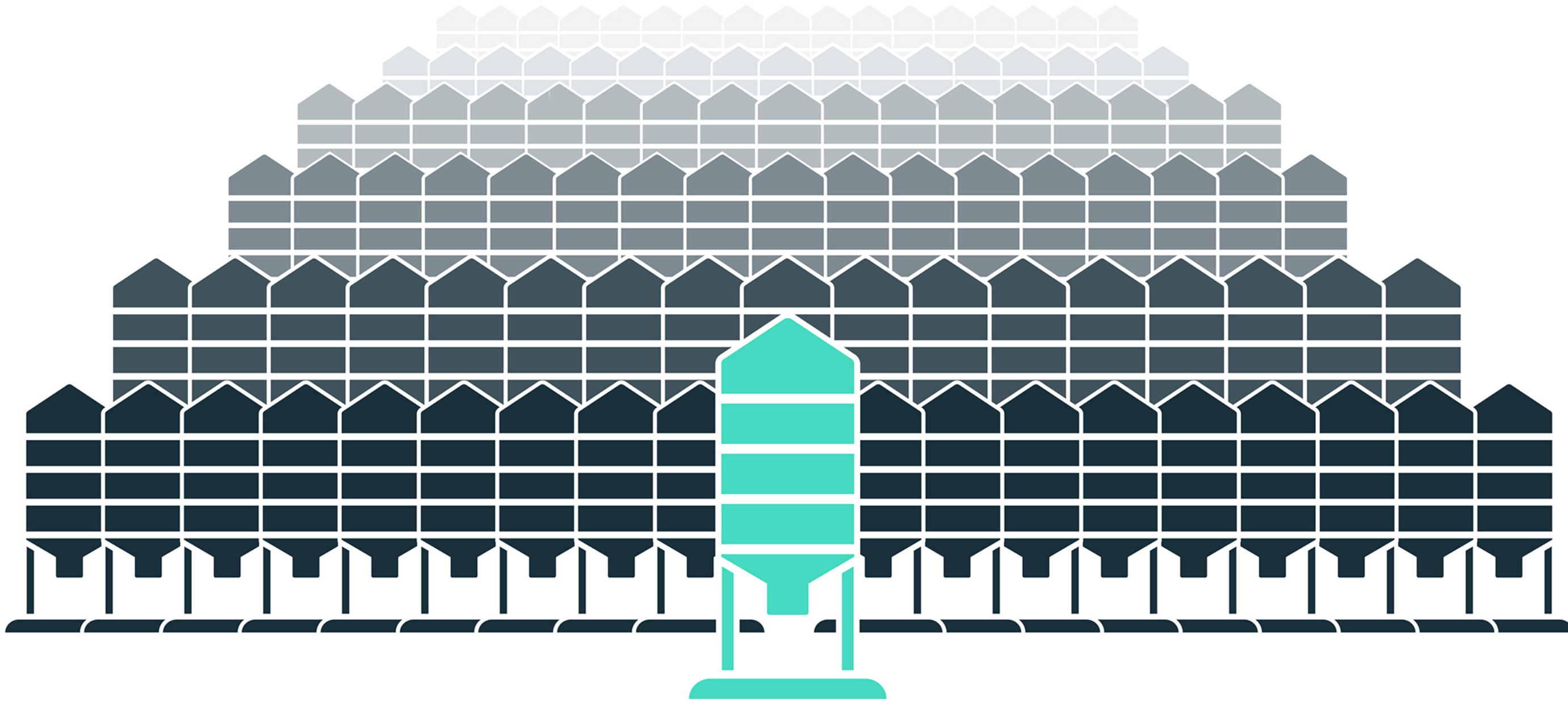




# NAVIGATE OPERATIONAL COMPLEXITY WITH BETTER DATA INTEGRATION

Keeping up in today's competitive heavy equipment industry means being able to navigate complex internal and external business environments. Companies must have visibility across their complex supply chains, understand organization-wide risk, and adjust to dynamic geopolitical forces. Those investing in data and using a MarkLogic Data Hub have a platform that integrates data silos to deliver greater visibility, and prepares them to respond to future market and technical changes.

## COMPLEX SYSTEMS ARE CHALLENGING THE HEAVY MANUFACTURING INDUSTRY



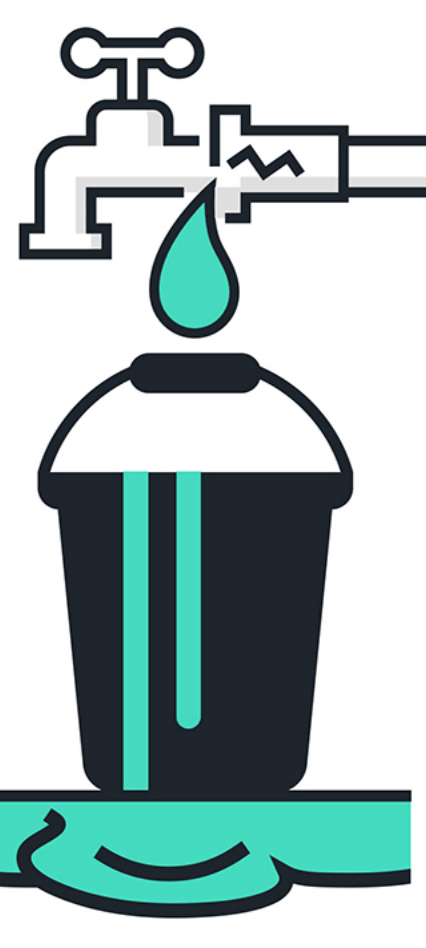
CRITICAL DATA IS **STUCK IN SILOS** AND SPREAD ACROSS HUNDREDS OF THOUSANDS OF INTERNAL SYSTEMS

TO GET ANSWERS OFTEN REQUIRES MANUAL EFFORT, RESULTING IN COMPANIES

LOSING UP TO

**99%**

OF THEIR DATA THROUGH **INFORMATION LEAKAGE**



**22%**

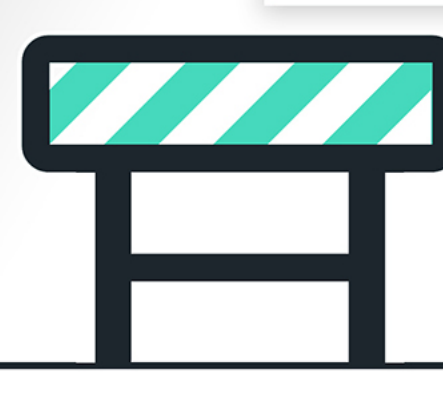
22% OF HEAVY INDUSTRY ORGS SEE **LEGACY TECHNOLOGY CHALLENGES**

-WHICH CREATE DATA INEFFICIENCIES- AS THE BARRIER TO ACHIEVING CIO OBJECTIVES

MERGER AND ACQUISITION **FAILURES**

ARE ESTIMATED TO BE BETWEEN **70-90%**

WITH DIFFICULTIES INTEGRATING DATA AS A **MAJOR ROADBLOCK**



TO ACHIEVING IMPROVED EFFICIENCIES

## DATA INTEGRATION IS HELPING ORGS BETTER NAVIGATE COMPLEX ENVIRONMENTS

INDUSTRY 4.0 PRACTICES INCLUDING DATA INTEGRATION LEVERS CAN

REDUCE THE TIME TO MARKET BY

**THIRTY TO FIFTY PERCENT**



LEVERS SUCH AS REAL-TIME SUPPLY CHAIN OPTIMIZATION CAN

REDUCE INVENTORY **HOLDING COSTS** BY

**20-50%**

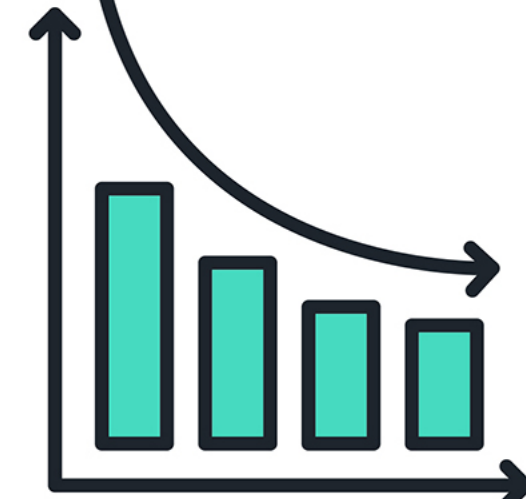


REMOTE & PREDICTIVE MAINTENANCE

CAN **REDUCE**

COSTS FROM

**10-40%**



COMPANIES CAN EXPECT END-TO-END INTEGRATION TO

YIELD A **PRODUCTIVITY IMPROVEMENT**

OF AS MUCH AS **TWENTY-SIX PERCENT**



TO LEVERAGE THESE MULTIPLE OPPORTUNITIES, COMPANIES NEED TO EMBARK ON A DIGITAL TRANSFORMATION JOURNEY:

*A CONTINUOUS, LONG-TERM EFFORT IS NEEDED TO SUCCESSFULLY NAVIGATE THE CHANGING INDUSTRIAL ENVIRONMENT OF INDUSTRY 4.0.*

McKinsey & Company, Industry 4.0 Report

## LEADING MANUFACTURERS OVERCOME COMPLEXITY WITH MARKLOGIC'S DATA HUB



**AIRBUS**

Needed to reduce the time and cost of flight testing new aircraft without compromising safety.

Using MarkLogic they reduced data discovery time from weeks and months to minutes.



**EATON**

Needed to deliver a consolidated view across their 100 different ERP systems.

Implemented MarkLogic's Operational Data Hub and achieved a 4.2:1 acceleration in data integration time.

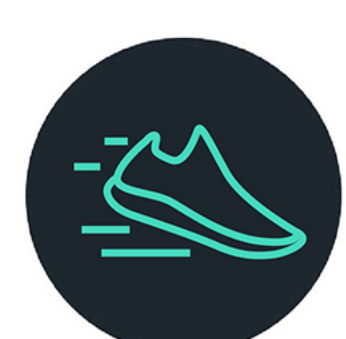


**BOEING**

Faced the challenge of having great quantities of data, as well as numerous data silos.

MarkLogic helped them to unify, govern and secure data so it can be safely accessed and shared with employees, partners and customers.

## MARKLOGIC PROVIDES THE LEADING SOLUTION FOR BETTER DATA INTEGRATION



**SPEED**

Accelerate digital transformation with a **6X** improvement in time to value.



**TRUSTED**

Used by leading manufacturing organizations globally to deliver mission-critical solutions faster and at lower cost.



**AGILITY**

The most flexible and scalable data integration approach enables faster time to results.



**BETTER**

Strides ahead of relational database technology with a unique combination of built-in search, enterprise-grade security, flexibility, agility, and scalability.



**SECURITY**

The most secure NoSQL database in the industry.

A MORE EFFICIENT, AGILE AND SECURE APPROACH TO INTEGRATING HEAVY INDUSTRY DATA.

FOR MORE INFORMATION VISIT [MARKLOGIC.COM/NAVIGATING-COMPLEX-ENVIRONMENTS](https://marklogic.com/navigating-complex-environments)

OR USE THE FOLLOWING QR CODE:

