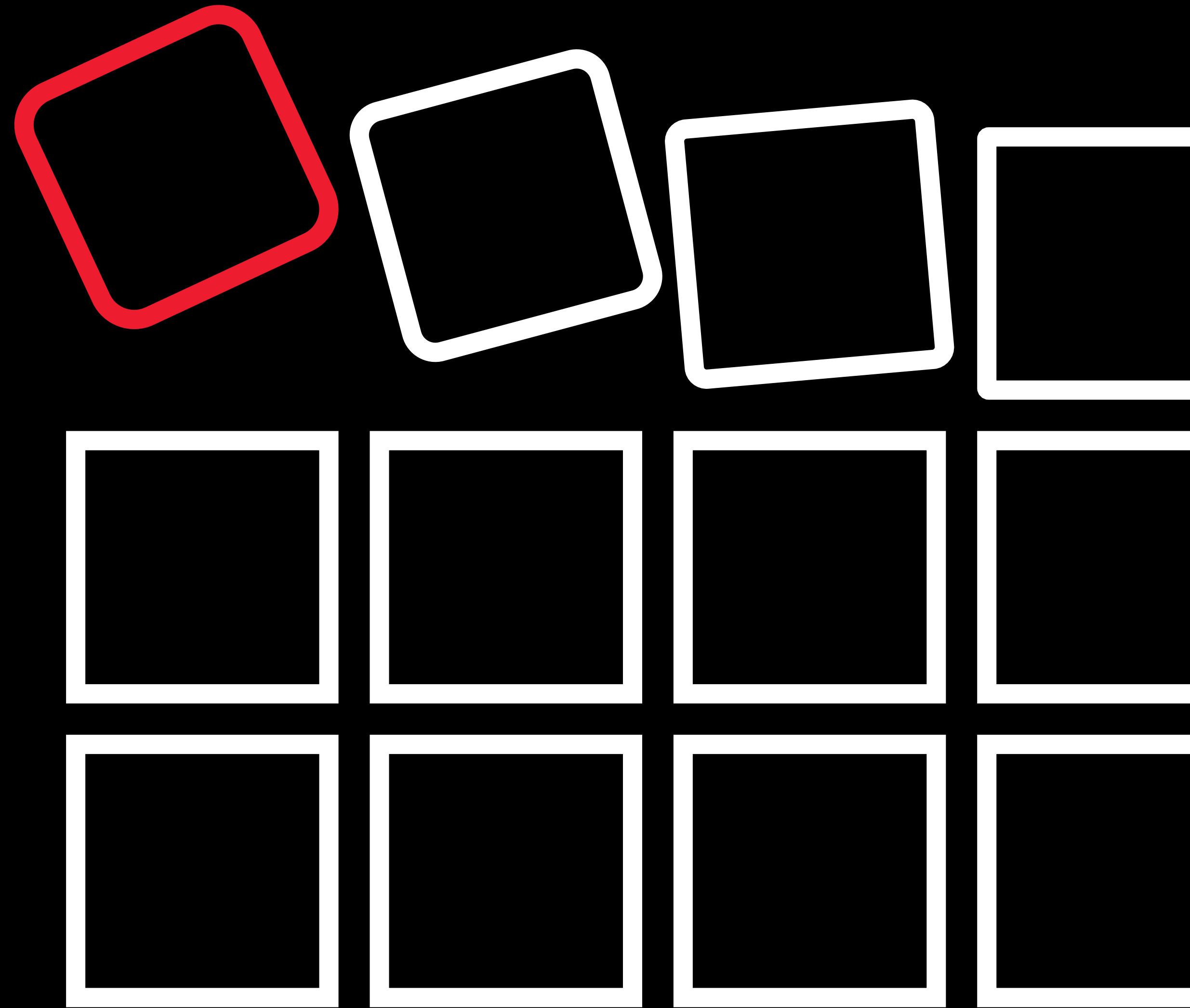# EDM for Maritime

Workflow automation and data management solutions that support decision-making, streamline operations, and drive digital transformation in the maritime and shipping industry.

S&P Global
Market Intelligence

Overview

As the focus on digitalization strategies increases, access to actionable, trusted data is more critical than ever for supporting growth, mitigating risk and adapting to ever-changing supply chain environments. Faced with the limitations of manual processes and increased cost scrutiny, industry participants are demanding better solutions.

EDM is a cloud-based workflow automation platform with robust data management capabilities at its core. EDM leverages Market Intelligence's deep industry knowledge and experience as a market-leading provider of both data and technology. By optimizing workflows and delivering trusted data for decision-making and analytics, EDM increases operational efficiency; breaks down functional and technological silos; enables data collaboration through automation and data governance; and supports digital transformation. EDM is used today by many different types of organizations in the maritime and shipping, financial and energy industries.
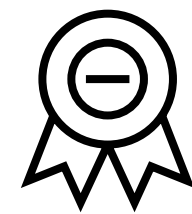
Organization types supported:
- Charterers
- Ports
- Terminal operators
- Cargo owners
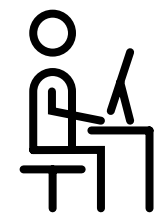- Carriers and shipping lines
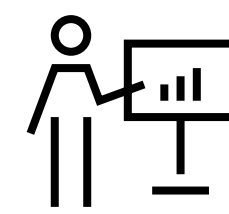- Vessel owners
- Operators

200+
Data management clients

15+
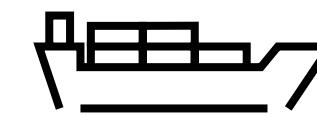Years' experience delivering data management expertise and solutions

300
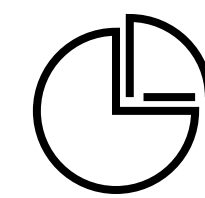Data management specialists

350+
Maritime and Trade professionals

**300+**
Years' experience in the maritime industry

100%
Of US seaborne import and export data

How It Works

EDM automatically synchronizes data across disparate data sources and applications within the organization, creating a single, validated record for use in downstream systems. This ensures confidence in the data and supports accurate, efficient decision-making in relation to commercial, operational, planning, scheduling, billing, vessel vetting, compliance and sustainability activities.
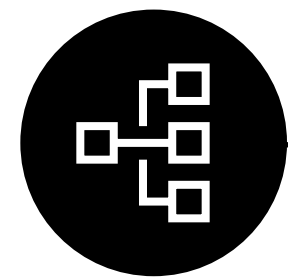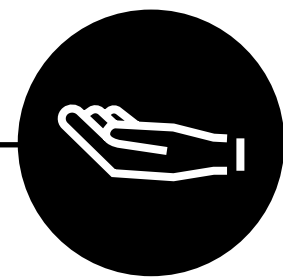
Integrate and Normalize

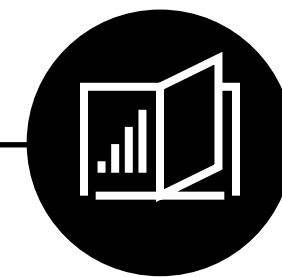EDM consumes data from any internal or external sources.
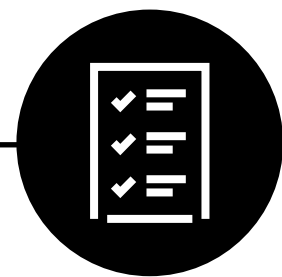
Validate

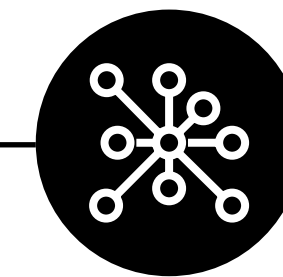EDM applies data validation rules to assess and manage the quality of the data.

Match and Master

EDM links datasets where required and creates a master record for all users.
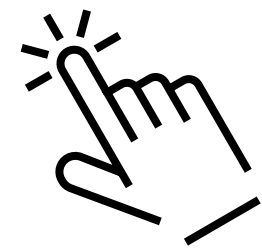
Visualize

A web-based UI supports data analysis and decision-making workflows.

Distribute

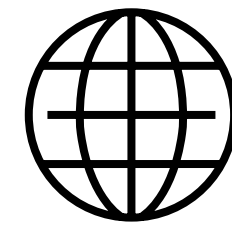EDM distributes cleansed data to any system or user group.

How EDM Supports Your Objectives

Digital transformation

Accelerates digital transformation by:

- automating data-intensive workflows

- validating the quality of data used throughout the enterprise

Cross-team collaboration

- Synchronizes distribution of validated, mastered data across multiple applications

- Gives users confidence the data they are using is consistent across the organization

- Breaks down functional and technological silos
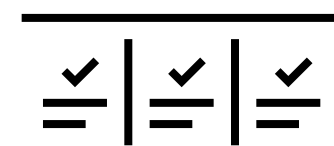
Critical decision support

- Centralizes, links and amalgamates data

- Gives users a more comprehensive view of their operations and the market

- Supports decision-making at both a strategic and tactical level
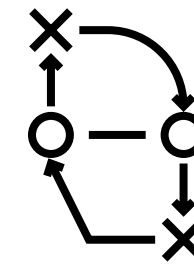
Increased efficiency

- Eliminates need to manually manage and transform data

- Allows users to focus on analysis and decision-making to drive organizational performance
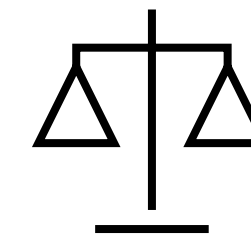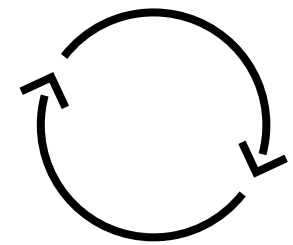
Flexibility and scalability

Cloud-based managed service deployment model helps:

- reduce implementation times

- mitigate the burden of technology maintenance

- reduce costs

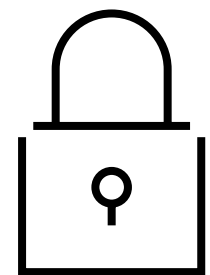- scale up and down quickly as business needs change

Use Cases

EDM for Maritime:

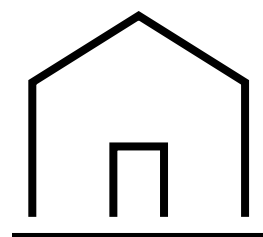EDM can be deployed to solve a wide range of workflow automation and data management challenges.

Data Hub for decision-making

Centralize, integrate, and validate data to drive more effective decision-making across user groups
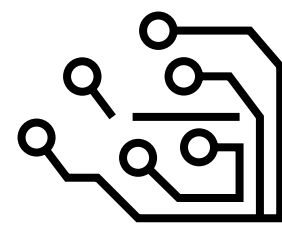
Master Data Management and Data Quality

Instill confidence in any dataset required for decision-making
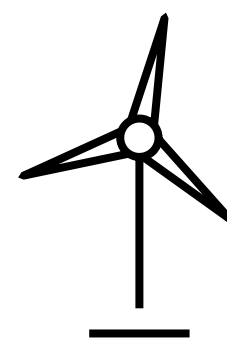
Port State Control and Vessel Inspections

Centralize, automate, and validate port state control (PSC) and vessel inspection data for confidence and compliance
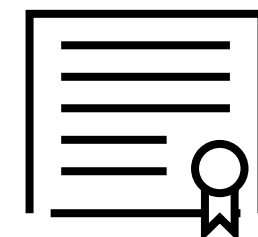
Digital Transformation

Sunset legacy technologies, automate data-intensive workflows and ensure data quality to support digital transformation

Sustainability and Decarbonization

Improve sustainability measurement and performance through robust data management

Vessel Master

Consolidate and validate all vessel-related data to ensure confidence in decision-making (e.g. planning, scheduling, billing, inspections)

EDM for Maritime + Data:

We also provide integrated solutions that leverage EDM, our Maritime and Trade data, and our independent subject matter expertise.
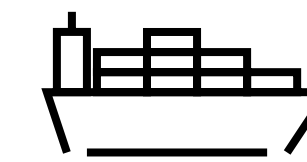
Sea Cargo Charter Managed Reporting Service

Automate the collection, validation and estimation of all data required for reporting as part of the Sea Cargo Charter sustainability framework
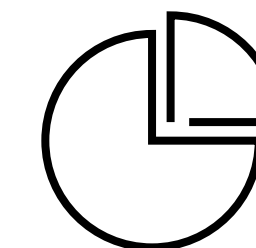
Cargo Flow Visibility and Market Share Capture

Gain unique insights into cargo flows, volumes, market share capture, and competitive positioning, in order to take advantage of commercial opportunities, as well as protecting existing revenues

Managed Service

EDM is available as a managed service built on the Amazon Web Services (AWS) cloud. The managed service supports the following processes:
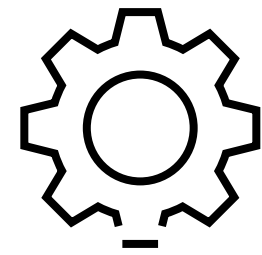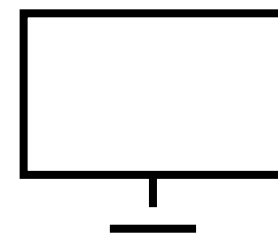
Operations

- Data usage analysis
- Exception trend analysis
- Exception automation
- SLA monitoring

Applications

- Integration
- New business rules
- New business workflows/dashboard
- Schedule changes
- Install and base configuration
- User admin and entitlement
- Interface management
- Performance tuning and archiving
- App patches and upgrades
- Annual EDM upgrade
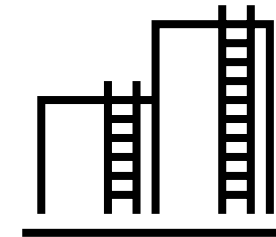
Infrastructure

- BCP and DR testing
- Penetration testing
- Security and access
- Network monitoring
- Load balancing
- Backups and DR
- Windows and SQL patches/upgrades

Our Experts

Jamie Penniman
SVP, Head of Commercial Strategy,
Software Solutions

james.penniman@ihsmarkit.com

James Kwan
Director, Business Lead,
EDM for Maritime

james.kwan@ihsmarkit.com

Stuart Strachan
SVP, Head of Business,
Maritime & Trade

stuart.strachan@ihsmarkit.com

Ashlee Williams
VP, Data Operations,
Client Services and
Customer Care,
Maritime & Trade

ashlee.williams@ihsmarkit.com

Aliet Martinez
VP, Head of Americas Sales,
Maritime & Trade

aliet.martinez@ihsmarkit.com

Jack Power
VP, Head of EMEA Sales,
Maritime & Trade

jack.power@ihsmarkit.com

Contact Page

CUSTOMER CARE

Americas
+1 800 447 2273

Europe, Middle East & Africa
+44(0) 134 432 8300

Asia Pacific
+604 291 3600

Japan
+81 3 6262 1887

CustomerCare@ihsmarkit.com

S&P Global Market Intelligence

At S&P Global Market Intelligence, we understand the importance of accurate, deep and insightful information. Our team of experts delivers unrivaled insights and leading data and technology solutions, partnering with customers to expand their perspective, operate with confidence, and make decisions with conviction.

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