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

<table>
<thead>
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<th>Organization types supported:</th>
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<tbody>
<tr>
<td>Charterers</td>
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<tr>
<td>Ports</td>
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<td>Terminal operators</td>
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<tr>
<td>Cargo owners</td>
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<td>Carriers and shipping lines</td>
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<tr>
<td>Vessel owners</td>
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<td>Operators</td>
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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.

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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

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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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