# Semarchy

# Defense & Aerospace Global Leader
## Mastering data for enhanced risk management

This aerospace company is one of the largest defense contractors in the world. It is a UK-based multinational company specializing in developing, engineering, and manufacturing military and security solutions. With over 80,000 employees operating in more than 40 countries, the company generates an enormous amount of operational and engineering data to support its global operations.

To maintain compliance with complex export control regulations and ensure seamless integration across its systems, the company embarked on a major back-office transformation initiative. Central to this effort was deploying a modern Master Data Management (MDM) platform that could deliver data consistency, reduce operational risks, and enable enterprise-wide data stewardship.

### Challenges

- **Legacy Data Management Issues**
  Previous MDM solutions required significant manual intervention and lacked business user involvement.

- **Integration Complexity**
  Data inconsistency across multiple systems created integration challenges, slowing operational workflows.

- **Compliance Risks**
  Managing export-controlled components required a granular level of visibility that existing systems could not provide.

- **Scalability Concerns**
  Legacy solutions struggled to support their vast operational footprint and complex data requirements.

### Business Drivers

- **Enhance Compliance**
  Ensure robust controls for export regulations and improve tracking of controlled components.

- **Enable Data Stewardship**
  Empower business users across diverse funtions to access and manage daata efficiently.

- **Reduce Risk**
  Minimize manual errors in data management and regulatory reporting.

- **Support Strategic Growth**
  Deploy a scalable solution adaptable to future needs across the enterprise.

> " **What we especially liked with Semarchy was that while the PoV helped demonstrate the value to the business, we were also building something that then was usable in the configuration and implementation phase** "

Representative for this Global Defense & Aerospace Leader

## 80,000+ employees

empowered with better data

## Improved compliance

with enhanced tracking of controlled components

## Scaled platform

adaptable to future wnterprise-wide needs

This aerospace company partnered with Semarchy to implement its Data Management solution, leveraging its flexible ELT (Extract, Load, Transform) approach to modernize data management. The solution addressed integration challenges, enhanced compliance, and empowered business users with intuitive tools for managing critical data.

## Key Benefits

- **Performance and Efficiency**
  Streamlined data integration, reducing manual intervention and accelerating data cleansing activities.
- **Compliance-Ready Data**
  Enhanced tracking of controlled components for improved export control compliance.
- **Scalability**
  Supported data management for diverse domains, including customers, suppliers, and product components.
- **Ease of Use**
  Enabled non-technical business users to access and manage data directly, reducing reliance on IT teams.
- **Risk Mitigation**
  Automated data management processes, minimizing compliance risks tied to manual errors.
- **Iterative Deployment**
  Agile implementation allowed them to build and refine the platform as needs evolved.

> "Semarchy emphasizes an agile, iterative
> deployment methodology
> while traditional competition usually
> requires a big-bang deployment."

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Semarchy transforms enterprise data into actionable insights for smarter decisions, faster growth, and measurable outcomes. Our unified data platform simplifies discovering, governing, integrating, and visualizing critical information across applications, enabling businesses to modernize workflows, accelerate AI initiatives, and achieve data-driven success.

Founded in 2011 by passionate data experts, Semarchy supports over 400 clients worldwide, including Fortune 500 leaders, with headquarters in Arizona and global offices in France, the UK, and India. Available on-premises or through major cloud marketplaces like Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP), Semarchy delivers scalable, adaptive

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