FORTRA MFT
Globalscape

MANUFACTURING-READY MFT

Reliable, Connected Data Movement Across Production and Supply Chain Ecosystems

Manufacturing organizations operate within complex, highly interconnected environments, where continuous data exchange supports production, supply chain coordination, and operational efficiency. From product designs and engineering files to inventory data and logistics updates, information must move quickly, securely, and without disruption. Yet many manufacturers still rely on fragmented tools, manual workflows, and legacy FTP solutions, which introduce risk, limit visibility, and create operational inefficiencies.

Modern Managed File Transfer (MFT) replaces these approaches with a centralized, secure framework designed to support reliable, automated, and governed data exchange across production systems, suppliers, and business applications

Where MFT Delivers Value

MFT standardizes and secures how data moves across production environments, systems, and partners.

Common Use Cases

- Secure exchange of production data, including CAD files and engineering specifications
- Supply chain coordination (orders, shipping notices, inventory updates)
- Integration between ERP, MES, and warehouse management systems
- Data exchange with suppliers, distributors, and logistics partners
- Automated transfer of operational and performance data across facilities

These data flows must be completed reliably to avoid production delays and downstream disruptions.

Manufacturing-Specific Requirements

- **High-Volume & Large File Transfers:** Efficiently move engineering files, designs, and operational data
- **Always-On Operations:** Support continuous production environments without transfer interruptions
- **Supply Chain Visibility:** Ensure data flows seamlessly across suppliers and logistics networks
- **System Integration:** Enable consistent data exchange across ERP, MES, and PLM systems
- **Automation & Efficiency:** Reduce reliance on manual workflows that slow operations
- **Governance & Control:** Maintain visibility and enforce policies across distributed environments

Supported frameworks include: GDPR • SOC 2 • ISO 27001

Enabled by:

- Encryption (in transit + at rest)
- Centralized audit logging and monitoring
- Role-based access controls
- Policy-driven automation and workflow orchestration
- Integration across production, business, and partner systems

These capabilities help ensure that sensitive intellectual property and operational data are protected and traceable.

Real Benefits

- **Streamline Operations:** Automate data exchange across production systems and supply chain partners to reduce manual effort and delays.
- **Strengthen Security & Data Protection:** Safeguard intellectual property and sensitive operational data with consistent encryption and access controls.
- **Improve Reliability & Production Continuity:** Ensure critical files are delivered on time to prevent disruptions in manufacturing workflows and production schedules.
- **Enhance Visibility Across the Supply Chain:** Track how data moves between systems and partners with centralized monitoring and audit trails.

Where Risk Emerges

Legacy or disconnected approaches can introduce significant challenges, including:

- Limited visibility across the supply chain
- Manual and inconsistent processes leading to delays or errors
- Siloed systems between production, IT, and partner environments
- Operational disruption from failed or delayed transfers

As manufacturing ecosystems become more interconnected, these risks can scale quickly across systems and partners.

Key Takeaway

For manufacturing organizations, secure file transfer is a critical component of production continuity, supply chain coordination, and operational efficiency.

Modern MFT centralizes control, standardizes processes, and provides full visibility across distributed environments. The result is a secure, scalable approach to managing data movement that reduces risk while enabling uninterrupted operations.

More than 6,500 organizations worldwide already trust Fortra MFT for their secure data exchanges.
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