FORTRA MFT
Globalscape

UTILITIES-READY MFT

Resilient, Controlled Data Movement Across Critical Infrastructure Systems

Utilities organizations operate in highly distributed, always-on environments where continuous data exchange supports essential services such as energy, water, and infrastructure management. From operational system data and field communications to regulatory reporting and partner coordination, information must move securely, reliably, and without interruption. Yet many organizations still rely on fragmented tools, manual processes, 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 continuous, controlled, and resilient data exchange across operational systems, enterprise applications, and external stakeholders

Where MFT Delivers Value

MFT standardizes and secures how data moves across infrastructure systems, applications, and partner networks.

Common Use Cases

- Secure transfer of operational data from SCADA & field systems
- Data exchange between generation, transmission, and distribution systems
- Integration between operational technologies (OT) and IT systems (e.g., ERP, analytics platforms)
- Reporting and data submission to regulatory bodies
- Secure coordination with contractors, service providers, and partner organizations

These high-frequency, continuous data flows must remain accurate and uninterrupted to support critical infrastructure operations.

Utilities-Specific Requirements

- **Operational Continuity:** Support always-on services where disruptions impact energy, water, or infrastructure delivery
- **IT/OT Integration:** Securely connect operational systems (e.g., SCADA) with enterprise IT environments
- **Infrastructure Resilience:** Ensure reliable data movement across distributed and bandwidth-constrained environments
- **Controlled Data Flow:** Protect sensitive operational data from unauthorized access or disruption
- **Automation & Efficiency:** Reduce manual processes in complex operational environments
- **Governance & Compliance:** Maintain visibility and control

Supported frameworks may include: NERC CIP • Regional and national cybersecurity standards • GDPR • Internal governance and audit requirements

Enabled by:

- Policy-driven automation and workflow orchestration
- Centralized audit logging, monitoring & role-based access controls
- Role-based access controls
- Secure integration across OT and IT systems

These capabilities help ensure operational data is protected, traceable, and consistently governed across critical infrastructure environments.

Real Benefits

- **Ensure Operational Continuity:** Support uninterrupted data exchange across critical systems to maintain reliable service delivery
- **Strengthen Security & Infrastructure Protection:** Safeguard sensitive operational and infrastructure data with consistent security controls and access policies
- **Improve Reliability & System Resilience:** Enable consistent, dependable data transfer across distributed systems, even in complex or remote environments
- **Enhance Visibility & Control:** Gain centralized monitoring and auditability across all data flows to support governance and compliance requirements

Where Risk Emerges

Legacy or disconnected approaches can introduce significant challenges, including:

- Lack of visibility across operational and infrastructure systems
- Manual processes that introduce errors or delays
- Gaps between IT and OT environments, increasing security risk
- Transfer failures that can impact system performance or service delivery

In critical infrastructure environments, these risks can directly impact reliability, safety, and compliance obligations.

Key Takeaway

For utilities organizations, secure file transfer is a critical component of infrastructure resilience, service continuity, and regulatory compliance.

Modern MFT centralizes control, standardizes data exchange, and provides full visibility across complex IT and OT environments. The result is a secure, reliable approach to managing data movement that reduces risk while supporting uninterrupted service delivery.

More than 4,000 organizations worldwide already trust Fortra MFT for their secure data exchanges.
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