

# RepliWeb-MFT and ISO 27001

ISO 27001 is an information security standard published by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC). Although intended to be used only as a “Best Practice” standard, variations of the ISO 27001 standard have been adopted by governments and other organizations around the World.

**RepliWeb-MFT** helps customers to meet strict ISO 27001 requirements by securing and auditing the internal and external exchange of sensitive electronic data.

| Requirement                  | R-MFT Features   |
|------------------------------|--|
| User Authentication          | Personal user account for each user<br>User accounts can be defined in RMFT or in Active Directory<br>Support for group settings (R-MFT / Active Directory)<br>User passwords are protected in storage   |
| Access Control               | Personal User account for each user<br>RMFT use is permitted only to authorized users<br>User folder access is permitted according to specific user / group permissions<br>Support for Active Directory user management mechanisms, including groups and roles<br>Separate roles for Administrator and Users<br>Support for IP / Port – based access control |
| Data Encryption              | Transferred data is encrypted using AES (256 bit), Triple DES (168 bit) or RC4 (128 bit)<br>Data at rest is encrypted using AES (256 bit)<br>User passwords are protected in storage (When using Active Directory, all passwords are protected by Microsoft Active Directory industry-standard mechanisms)   |
| Communication Security       | Transferred data is encrypted using AES (256 bit), Triple DES (168 bit) or RC4 (128 bit)<br>Mandatory use of encrypted protocols   |
| System and Data Integrity    | Package-level and file-level integrity checks<br>User / administrator–defined integrity checks, using inspection policies (e.g. malware checks)<br>Integrity checks for administrative messages<br>Comparison of source and target files<br>Encryption of transferred data prevents interception and modification while in transit                           |
| System and Data Availability | Configuration and Data backup and restore mechanisms<br>Front-end load balancing<br>Cluster support  |
| Audit Mechanisms             | Login / logout activity is logged<br>All package and file transfer activity is logged<br>Automated (host to host) transfers are logged<br>Interfaces with Microsoft FTP server are logged<br>Integration with Windows Event Viewer   |

## Key Benefits

- Secure the electronic exchange of sensitive data
- Meet requirements for file security and access control
- Encrypt data at-rest and in-transit

## Prepared by Alfa Consulting

This analysis was prepared by Alfa Consulting. Alfa specializes in developing effective security architectures for products and services and assists vendors with regulatory compliance.

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# RepliWeb

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