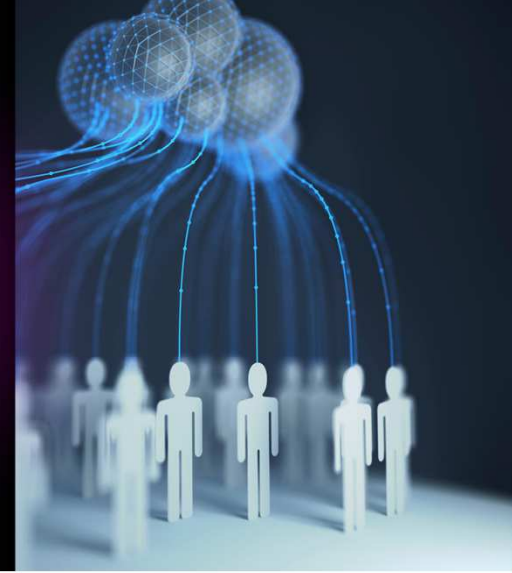


rvs®OFTP Proxy Secure & Reliable OFTP Communication

April 2022



High-performance data communication over the internet between any operating systems

rvs®family & rvs®OFTP overview

- rvs® is a product family from T-Systems for encrypted, audit-proof, and automated data transport between any computing platforms, based on the international OFTP (ODETTE File Transfer Protocol) standard.
- The rvs®OFTP Proxy as an add-on module enables secure usage of the internet for OFTP communication based on a state-of-the-art separation of internet and intranet.

rvs®OFTP Proxy

- Operates according to the principles of a firewall in the Demilitarized Zone (DMZ) of the company network.
- A connection cannot be established from the external internet to the intranet. The connection is made solely from the internal intranet.
- Ensures that only verified and protocol-compliant OFTP packets are exchanged between the external partner station and the company's internal OFTP stations.

- Saves on operating costs due to replacing leased line or switched telecommunication networks (ISDN).
- Enables the secure and effective use of OFTP data communication solutions via the public internet infrastructure, regardless of the OFTP protocol used (1 or 2).

rvs® Service for your OFTP communication

- Our team consisting of OFTP experts guarantees support for all phases of the project – from design to maintenance of rvs®-based OFTP networks. The experience acquired during installation, upgrade or silent roll-out of OFTP networks over the years ensures smooth and efficient operation of the data communication network.
- Consulting for internet-based Managed File Transfer (MFT)
- OFTP rollout preparation and implementation
- Silent rollout (preconfigured, self-installing OFTP SW incl. automatic connection test)
- Remote support
- Remote and on-site training

The members of the rvs® product family

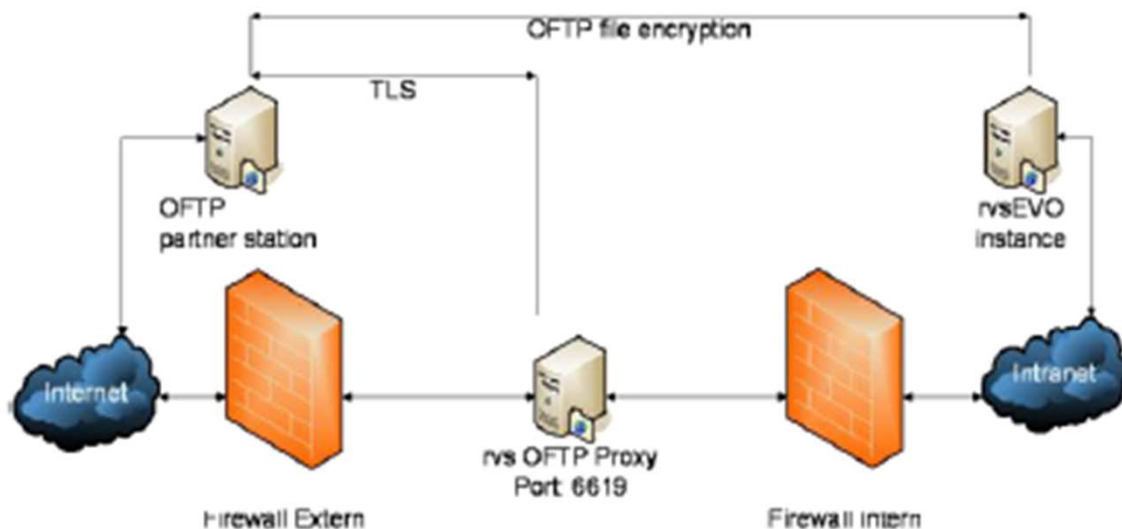
rvs® product line	Operating system	OFTP1 (RFC 2204)	OFTP2 (RFC 5024)
rvs®EVO	Windows, UNIX, Linux (including cloud, VM and docker platforms)	✓	✓
rvs®MVS	IBM-HOST	✓	✓

Technical data for rvs®OFTP Proxy

rvs®OFTP Proxy Features	
General functions	
Operating system independend	✓
Proxy functionality	✓
Reverse proxy functionality	✓
Compatibility with OFTP products according to RFC 2204/5024	✓
System requirements	Java JRE 8
Security Features	
Network separation	✓
Connection established from the inside to the outside	✓
DMZ free of configuration data	✓
TLS-TCP crossover	✓
OFTP protocol validation	✓
Session limitation (prevent denial-of-service attacks)	✓

Note: ✓ supported

rvs®OFTP Network Architectures



Binding of the rvs®OFTP Proxy into a rvs® based OFTP network

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