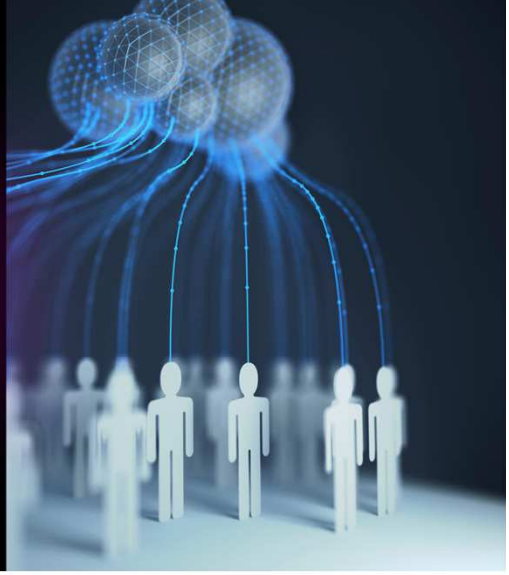
rvs®EVO
Secure & Reliable OFTP2 Communication

April 2022



High-performance data communication between any operating systems

rvs® is a product family from T-Systems for encrypted, audit-proof, and automatic data transport between any computing platforms, based on the international OFTP (ODETTE File Transfer Protocol) standard.

rvs®EVO, based on the OFTP2 protocol, enables the creation of a future-proof Managed File Transfer infrastructure for requirements in encrypted data communication over the internet or transport networks.

The rvs®EVO Edition's modular design supports a pay-as-you-grow model for the OFTP data communication networks with connections to a partner (Tiny edition) or several thousand partners (Enterprise edition).

The rvs®EVO Enterprise Edition – the flagship of the rvs®EVO product line – offers a resilient and secure platform for the core of the OFTP communication network with its performance. Thanks to the nearly unlimited number of connected partner stations combined with several hundred parallel connections, there are no limits to establishing a data communication network. Supporting virtual stations and multiple instances enable a high degree of flexibility in adjusting existing central IT server architectures with regard to performance, reliability, scalability, maintenance, and backup.

rvs®EVO guarantees audit-proof data transfer for files up to 9 petabytes in size and is ideally suited for exchanging standardized messages according to EDIFACT, ODETTE, VDA, or proprietary formats.

rvs®Service for your OFTP communication

Our team of OFTP experts ensures support for all phases of the project – from design to maintenance of rvs®-based OFTP networks. The experience in installing, upgrading, and performing silent roll-out of OFTP networks gathered over the decades ensures smooth and efficient operation of the data communication network.

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®EVO

rvs®EVO Edition (Windows, SunOS, Linux, HP UX, AIX, zLinux)	Tiny	Light	Standard	Standard High Performance	Enterprise
Performance					
Data throughput (send/receive files per hour)*	3.600	3.600	3.600	50.000	50.000
License limits					
Partner (neighbor) stations	1	5	999	999	9.999
Routing stations	4	4	999	999	9.999
Parallel connections	1	2	20	100	999
Virtual stations	-	-	Max. 10	Max. 10	Max. 9.999
Scalability (multiple servers/clusters)	-	-	-	-	✓
Included/optional in edition					
TCP / IP module	✓	✓	✓	✓	✓
XOT module	opt.	opt.	opt.	opt.	✓
TLS module	✓	✓	✓	✓	✓
ISDN module**	opt.	opt.	opt.	opt.	✓
Virtual stations	-	-	1	1	1
OFTP2 encryption and compression	✓	✓	✓	✓	✓
Code Conversion (PC-Mainframe)	✓	✓	✓	✓	✓
PKI integration (CRL, OCSP)	-	-	-	-	✓
File service module	opt.	opt.	opt.	opt.	✓
OFTP Proxy	opt.	opt.	opt.	opt.	250 Partner
Database support					
Embedded	✓	✓	✓	✓	✓
External (Oracle, MS SQL)	-	-	-	-	✓
GUI, administration					
Graphical UI	✓	✓	✓	✓	✓
SNMP Agent	✓	✓	✓	✓	✓
User	1	1	5	5	10
Remote-GUI/Web-GUI	✓	✓	✓	✓	✓
Functions					
Data signature (RSA)	✓	✓	✓	✓	✓
Acknowledgement signature (EERP, NERP)	✓	✓	✓	✓	✓
Line encryption (TLS)	✓	✓	✓	✓	✓
Data encryption (AES, 3DES, RSA)	✓	✓	✓	✓	✓
Backwards-compatible with OFTP 1	✓	✓	✓	✓	✓
Interfaces					
Batch interface	✓	✓	✓	✓	✓
Client server API (Java) / REST interface	✓	✓	✓	✓	✓
Job start	✓	✓	✓	✓	✓
Observer (automatic creation of send jobs)	✓	✓	✓	✓	✓

Note:
✓ *Supports or included in Ediion package*
Opt. Optional components
* *Up to, depending on HW and CPU load*
** *Only for Windows*
\- not available

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