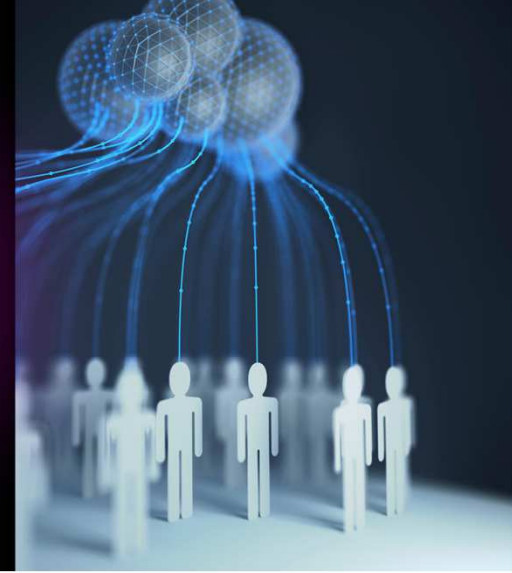# rvs®MVS
Secure & Reliable OFTP2 Communication for IBM Mainframe systems

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Managed file transfer software for the central IT mainframe platform

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®MVS[1] enables the creation of a future-proof MFT (Managed File Transfer) infrastructure for requirements in encrypted data communication over the internet or transport networks. As a component of the rvs® SW Suite, rvs®MVS enables the use of SystemZ systems (IBM mainframe) as a central node of the MFT network in communications with OFTP1 and OFTP2 partner stations.

The modular design of the rvs®MVS Edition, starting with the base package, enables the construction of a platform according to the utilized WAN interfaces and desired OFTP functions.

With its performance, rvs®MVS offers a resilient and secure platform for high-performance OFTP communication networks. 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 redundant architectures and parallel operation

enable a high degree of flexibility in adjusting existing central IT server architectures with regard to performance, reliability, scalability, maintenance, and backup. Normal CPs are relieved thanks to support for crypto processors (CPACF). The support for Crypto Express cards ensures exceptional protection of the private key. zEDC support eases the burden off of normal CPs during compression.

rvs®MVS 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	z/OS	✓	✓

[1]rvs®MVS is a product of VW AG

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rvs®MVS technical data

rvs®MVS Edition (IBM, z/OS) Feature	
License limits	
Partner stations	9.999
Neighboring stations	9.999
Routing stations	9.999
Parallel connections	300
Monitors (rvsMVS instances per Sysplex)	max. 99
Transport networks	
A module of choice is included in the base package	opt.
TCP / IP module	opt.
XOT module (Only together with X.25)	opt.
SNA module (LU0 or LU6.2)	opt.
X.25 module	opt.
OFTP2 functions	
HW-protected private key	✓
HW compression (zEDC)	opt.
Base module (basis for all OFTP2 functions)	opt.
File compression (offline)	opt.
File compression and signature (offline)	opt.
File encryption (RSA with AES or 3DES)	opt.
Cryptoprocessor HW Support[3]	opt.
X.509 certificates (RACF support)	✓
Database support	
Internal (VSAM)	✓
GUI, Administration	
Web-Interface	✓
SNMP agent opt.	opt.
Functions	
Monitors in the base package	1
Code Conversion (PC-Mainframe)	✓
Scalability (Main/Sub -license)*	✓
OFTP 1-compatible	✓
Interfaces	
Batch Interface	✓
Job start	✓
ISPF	✓
Remote operator console	✓

[2]Available from Release 5.02
[3]Available from Release 5.03

✓ Supports or available in base package
Opt. Optional add-on

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