

## TRAVIC-Link

# The platform for automated payments and universal file transfers

As a large company, you want to execute your payments with all European and international financial institutions automatically, reliably and - most of all - securely.



## Overview

TRAVIC-Link is a universal payments and file transfer platform for the following scenarios:

- International multi-bank solution using EBICS and PeSIT/IP and supporting multiple languages
- Fully automated customer system for electronic banking
- Communication software with integrated communication protocols for secure file transfer
- Integration platform for various file transfer products

## Payment transaction procedures

TRAVIC-Link supports the following electronic banking standards:

- EBICS
- PeSIT/IP
- SFTP

**TRAVIC-Link**

# EBICS payments for large data volumes

## TRAVIC-Link for payments

TRAVIC-Link supports the EBICS payments standard, both the German and French versions and the French PeSIT/IP.

TRAVIC-Link ideally complements financial accounting systems (e.g. SAP, SunGard) that generate the required payment format (SEPA, ISO etc.) in file form. Here TRAVIC-Link bridges the gap in the process chain between financial accounting system and financial institution, and removes the need for manual activities.



TRAVIC-Link automatically executes both the transfer of orders and the downloading and forwarding of files containing booking information.

- The highest level of security is a matter of course.

TRAVIC-Link supports cryptographic functions:

- Encryption procedures (AES) and compression (ZIP)
- Automatic generation of electronic signatures using AutoSign (A005/A006)
- Personalised signatures via EBICS-Sign for all signature variants
  - EBICS A005 and A006 signatures
  - French T and TS profiles

TRAVIC-Link supports secure communication from protected networks via proxy architectures. Here standard proxies or the TRAVIC-Link reverse proxy can be used. Proxies prevent unsecured communication from the Internet to the internal network of the computer centre. The internal network remains secure.

- Automation and monitoring

Automated:

TRAVIC-Link is designed for automated operation. Once configured, the orders are executed according to defined rules, e.g. time-controlled automated download of account statements, splitting and forwarding to the accounting systems.

Scalable:

TRAVIC-Link is cluster capable and can be flexibly adapted to different quantity structures via horizontal and vertical scaling.

Extendible:

The functionality and the procedures supported can be modified and configured individually.

Technical monitoring of the EBICS payments:

Automated download and evaluation of the customer protocols enable automatic monitoring and also notification in the case of errors.



## Processing

TRAVIC-Link offers

- Automatic identification of files to be transmitted via a file interface
- Order interface
- Automatic, secure file transfer, including restart procedure

Support of customised processes

- Automatic, time-scheduled file downloading
- Automatic pre-processing and follow-up processing of transferred files
- Automatic forwarding of received files via follow-up processes

## TRAVIC-Link for file transfers

Companies exchange a large proportion of their data via files – internally and externally. The communication protocols integrated into TRAVIC-Link enable secure transfers of files with any content via IP-based networks.

Integrated procedures:

- SFTP, FTP, FTPS
- HTTP(S)
- JMS for MQSeries
- ONGUM-IP
- KKS (procedure specific to healthcare sector)
- HTTP(S) ad hoc communication via TRAVIC-Link/AdHoc

With the FTP- and HTTP-based communication protocols, and also the ONGUM-IP standard of the

Sparkassen-Finanzgruppe, TRAVIC-Link provides self-contained file transfer procedures that are also ideally suited to cross-platform file transfers within your company. It supports file transfers between multiple instances of TRAVIC-Link, and also with the HOST-based TRAVIC-Link/Host (ONGUM-IP).

- Secure transfers and follow-up processing: TRAVIC-Link ensures correct data transfers using internal security mechanisms. Point-to-point connections are monitored, including follow-up processing on the target system.
- Compression: ZIP compression is an inherent component of ONGUM-IP. For the remaining procedures, files to be sent can be compressed in a pre-processing step. In the follow-up processing, the received files are then decompressed.
- Encryption: ONGUM-IP encrypts and decrypts all the data to be transferred on the application level by means of a key that is determined in the Diffie-Hellmann procedure. An encryption on the application level is also supported when using FTPS. HTTP(S) and SFTP use SSL encryption between the corresponding web containers.
- Code implementation: ONGUM-IP supports a code implementation for data transfers between EBCDIC and ASCII systems.

# All procedures in one solution

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For SFTP, FTP, FTPS and HTTP(S), TRAVIC-Link provides the following procedures:

- Client: sending and downloading
- Server: provision and receiving

## Integration of standard products

Companies usually use different communication protocols. In many cases there is no integration component that provides central management of the procedures, standardised logging, central monitoring and interfaces to other applications. TRAVIC-Link fulfils these requirements.

Leading standard products for file- and message-oriented data exchange can be integrated with TRAVIC-Link via corresponding interfaces:

- Connect:Direct
- rvs
- UDM

## Supported platforms

TRAVIC-Link is available for Windows, Unix (AIX, Solaris) and Linux platforms.

For z/OS, the TRAVIC-Link/Host (ONGUM-IP) or TRAVIC-Interbank/ Host (EBICS) products are available.

## Convenient operation

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### Automated:

TRAVIC-Link is designed for automated operation. Once configured, the orders are executed according to defined rules.

### Easy:

TRAVIC-Link is designed for "silent installations", i.e. for a large-scale, operator-free rollout.

### Central administration and monitoring:

Multiple independent installations of different versions can be centrally administered and monitored via one dialog.

### Central monitoring of process chains:

Via JMS, additional systems can be connected and monitored centrally by TRAVIC-Link. Complex heterogeneous process landscapes can be monitored reliably. The process takes care of everything.

### Flexible:

TRAVIC-Link is equipped with a wide range of interfaces that make seamless integration into computer centres very easy. This includes order and master data interfaces as well as interfaces to products for file transfer procedures.

## For questions and further information

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