

## Conceptual Solution & Technical Specifications

# OFTP ADAPTER

### SAP XI/PI integration & handling

The intelligence OFTP adapter has been designed as an integrated SAP XI/PI adapter and developed for direct integration in the SAP Adapter Framework. This does away with additional OFTP applications which have previously executed the OFTP communication upstream or downstream of an SAP XI/PI.

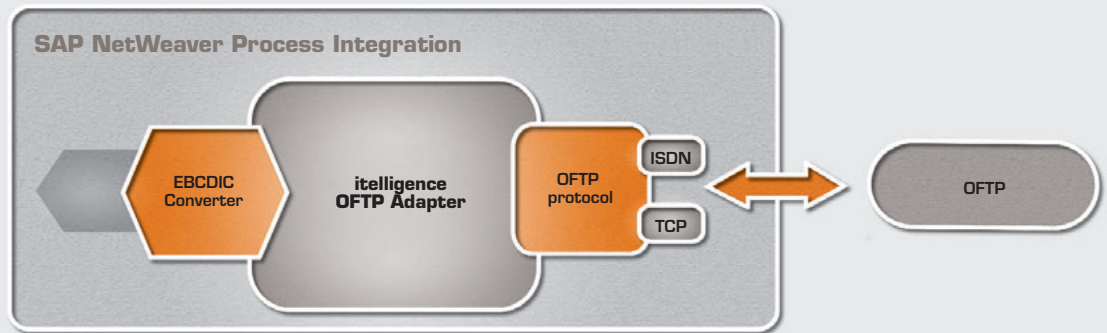
The intelligence OFTP adapter utilizes its functionality to integrate a large number of previously proprietary OFTP client applications in a central SAP NetWeaver Process Integration (SAP PI) or SAP NetWeaver Exchange Infrastructure (SAP XI). This integration enables the use of extensive monitoring & alerting functionalities for all incoming and outgoing OFTP messages within a central SAP NetWeaver XI or SAP NetWeaver PI platform. The OFTP adapter serves as a further module of the EDIFACT/VDA converter it.x-change

and, as an optional module, is fully compatible with previous it.x-change products. The communication protocol used is the Odette File Transport Protocol 1.x (OFTP) as per RFC 2204. Two transport protocol variants are available for the transport:

- CAPI/ISDN  
(via Funkwerk BinTec R4100 router)
- TCP/IP

The OFTP protocol enables secure authentication using Odette ID (SSID), SFID and an additional sender and receiver password. All OFTP-relevant settings can be adapted in the configuration of the individual communication channels while the two transport protocol variants can be variably selected in the communication channel settings.

## Functional overview



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## Technical specifications

Supported feature	Supported
ISDN (R-CAPI 2.0)	✓
ISDN B1 protocol 64kbit/s with HDLC framing	✓
ISDN B2 protocol ISO 7776 (X.75 SLP)	✓
ISDN B3 protocol T90NL, ISO8208, X.25 DCE *	✓
TCP/IP	✓
Outgoing Call initiation	✓
Incoming Call listening and reception	✓
Multiple Call Handling (Incoming & Outgoing)	✓
OFTP SFID & SSID authentication	✓
ODETTE ID authentication	✓
Sender & Receiver password authentication with OFTP partner	✓
Additional security authentication on Funkwerk BinTec router	✓
EBCDIC to ASCII conversion and vice versa	✓
Unused message data sign deletion	
Exactly Once (EO) message service	✓
Exactly Once In Order (EOIO) and sync. message service	✓
SAP Adapter and Communication Channel Configuration panel	✓

## Potential customers

### SAP

- Customers interested in introducing SAP PI in order to support OFTP as a feature
- Customers interested in introducing SAP PI and who have to support OFTP

## Non-SAP

- Customers who already utilize a proprietary OFTP adapter and who wish to replace this with an integrated SAP solution
- Customers for whom OFTP communication is essential on the basis of existing partners
- Customers who wish to offer OFTP communication to gain potential new partners

## Requirements

XI 3.0 from SP 16 upwards, PI 7.0 from SP 9 upwards and PI 7.1 from SP 6 upwards are supported. A Funkwerk BinTec R4100 router is required for ISDN transmission.

## The itelligence it.x-family

Besides the various technical adapters, with it.x-change and it.x-atlas we also offer further solution modules based on the SAP NetWeaver Process Integration (SAP NW PI/ formerly SAP NW XI). it.x-change is a fully developed EDI solution enabling your business partners (customers, suppliers etc.) to connect to your IT systems simply and securely.

As an exporter, the certified it.x-atlas solution will allow you to meet the statutory requirements for electronic connection to the ATLAS export procedure of the German Customs Administration that will come into effect from July 1, 2009 onwards. A similar solution is already available for Switzerland with it.x-idee. Other countries will follow step-by-step.