

Conceptual Solution & Technical Specifications

X.400 ADAPTER

SAP XI/PI integration & handling

The intelligence X.400 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 X.400 applications which have previously executed the X.400 communication upstream or downstream of an SAP XI/PI.

That means the intelligence X.400 adapter can utilize its functionality to integrate a large number of previously proprietary X.400 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 X.400 messages on a central SAP NetWeaver XI or SAP NetWeaver PI platform.

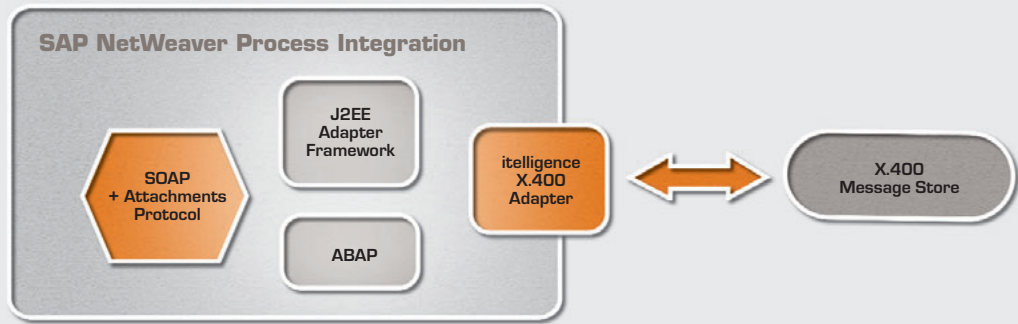
The X.400 adapter serves as a further module of the product it.x-change and, as an optional module, is fully compatible with previous it.x-change products.

The communication protocol used is the X.400 P7 protocol. The following transport protocol variants are available for the transport:

- TCP/IP
- TCP/IP via SSL

All X.400-relevant settings can be adapted in the configuration of the individual communication channels.

Functional overview



SAP Certified
Powered by SAP NetWeaver®

Technical specifications

Supported feature	Supported
TCP/IP & SSL	✓
Retrieval and submission of messages	✓
Delivery & Non-delivery Report	✓
IA5 Text, Bilaterally defined, General Text	✓
Extended Body Parts	✓
Submission report when sending	✓
Weekday and time-dependent polling of the mailbox	✓
Content-based sender determination (multiple partner & message types in one mailbox)	✓
Archiving of the original messages	✓
Character set re-encoding of the messages	✓
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 X.400 as a feature
- Customers interested in introducing SAP PI and who have to support X.400

Non-SAP

- Customers who already utilize a proprietary X.400 adapter and who wish to replace this with an integrated SAP solution
- Customers for whom X.400 communication is essential on the basis of existing partners
- Customers who wish to provide X.400 communication to gain potential new partners

Supported SPs

XI 3.0 from SP 16 upwards, PI 7.0 from SP 9 upwards and PI 7.1 from SP 6 upwards are supported.

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 now available for Switzerland with it.x-idea. Other countries will follow step-by-step.