PrintAgent & FileAgent –

Automated printing and integrated messaging with Microsoft® Exchange

PrintAgent

PrintAgent distributed incoming e-Mail messages (ex. Type B Messages) according to user defined rules.
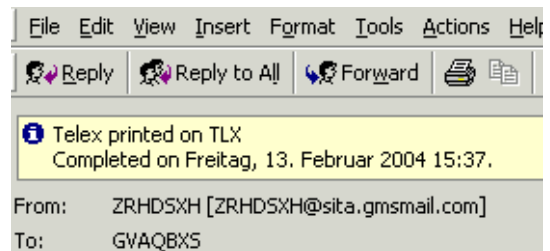
Its logic allows the printing of incoming messages depending on the time of day, the day, the sender or the recipient on different standard office printers. The advantage of this server-based service lies among other things in that a user does not have to constantly update his mailbox, not every message has to be printed, and it can be routed to every configurable printer within the company network or it can be forwarded to single or multiple Type B resp. Email addresses. In productive environments the mechanical sound of a matrix-printer is often used as a signal for incoming messages.

Further Highlights of this Product

- PrintAgent can manage any number of mailboxes
- All incoming messages in a mailbox can be printed automatically or only those from a certain sender
- A time-schedule-function allows the printing of messages to specified time, ex. Only on weekdays, not during the weekend
- Or at daytime on a printer and at nighttime on another
- Successfully printed messages are marked with a white flag in Outlook; erroneous printing is marked with a red flag.
- Messages can be sent to multiple printers

↓	✉	❤	GVAQBXS	Do 14.08.2003 09:40
	✉	▽	ZRHKWXH	Do 14.08.2003 09:36
	✉	▽	ZRHASXH	Do 14.08.2003 09:36
↓	✉	▽	ZRHKJXH	Do 14.08.2003 09:35
↓	✉	▽	ZRHDSXH	Mi 13.08.2003 08:03
	✉		GVAQBXS	Mi 13.08.2003 08:02
↓	✉		GVAQBXS	Di 12.08.2003 15:15

- Should one of the printers not respond, a backup printer can be defined
- Printing time and printer are logged for all messages

File Edit View Insert Format Tools Actions Help
Reply | Reply to All | Forward

🔵 Telex printed on TLX
Completed on Freitag, 13. Februar 2004 15:37.

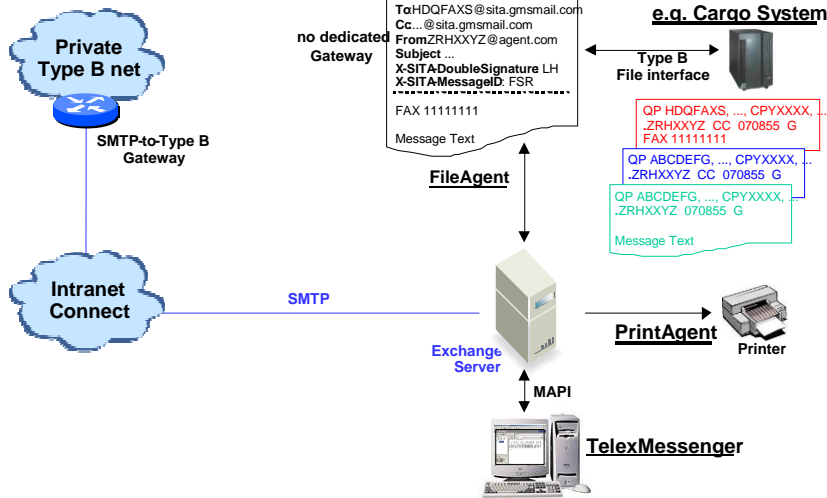From: ZRHDSXH [ZRHDSXH@sita.gmsmail.com]
To: GVAQBXS

FileAgent

FileAgent serves the messaging needs of cargo management systems as they are often used by (Air) cargo, ground handlers, carriers and transport companies.

These applications are widely used for waybills, passenger lists or tracking and tracing. The utilized message format is based on the IATA-Standard Cargo-IMP (Cargo Interchange Message Procedure).

FileAgent also enables the message transfer as email communication via Microsoft® Exchange [1].

Waybills or notices of delivery are usually exchanged between two applications in the Air Cargo field. The underlying message type for these and other messages is often an IATA standard and uses the proprietary Type-B infrastructure. Commonly this exchange of messages happens in periodic cycles.

FileAgent makes the communication over standard TCP/IP connections possible. This communication is event driven this means the communication happens exactly when a new file is ready to be sent. This Cargo-IMP message is transformed into an e-Mail and sent via SMTP to a Type B Gateway (ex. Sita) to the recipient.

Incoming messages reach the (cargo) application in the other direction.

Use

- Excellent cost cutting possibility by using a standard Microsoft Exchange server for Type B traffic

- Optimized maintenance and servicing costs through a simple infrastructure

- Simple operation

- Simple adaptation to existing business processes

Private Type B net

SMTP-to-Type B Gateway

Intranet Connect

SMTP

no dedicated Gateway

To HDQFAXS@sita.gmsmail.com
Cc ... @sita.gmsmail.com
From ZRHXXYZ@agent.com
Subject ...
X-SITA-DoubleSignature LH
X-SITA-MessageID: FSR

FAX 11111111

Message Text

FileAgent

e.g. Cargo System

Type B File interface

QP HDQFAXS, ..., CPYXXXX, ...
.ZRHXXYZ CC 070855 G
FAX 11111111

QP ABCDEFG, ..., CPYXXXX, ...
.ZRHXXYZ CC 070855 G

QP ABCDEFG, ..., CPYXXXX, ...
.ZRHXXYZ 070855 G

Message Text

Exchange Server

PrintAgent

Printer

MAPI

TelexMessenger

[1] Microsoft is a registered trademark of Microsoft Corporation in the United States and/or other countries.