



BUSINESSMAIL X.400

WEB INTERFACE AS2 GATEWAY V3.5



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

User information (1)

- In the past it was necessary to use special forms or Excel sheets for the administration of your partners and trading relations. You had to send this information to central Administration of BusinessMail X.400 who enabled those changes.
- While using the Web interface (WebConfig) you will be able to directly manage your trading relations without any loss of time. WebConfig also offers access to overflow directory, where the AS2 Gateway will store those messages it was not able to send to your AS2 application.
- The menu items for central EDI function (using EDI ID to address your partner instead of AS2 ID) will be visible only if this function had been activated for your AS2 account.



BUSINESSMAIL X.400

WEB INTERFACE AS2

User information (2)

- If you access WebConfig the first time it is necessary to download a client certificate stored on URL <https://www.service-viat.de> and import it into certificate store of your OS/ browser. If you use different client certificates you must use this new certificate while setting up the communication to WebConfig.
- To register a WebConfig account please contact the Helpdesk of BusinessMail X.400. The registration is free of charge. If you already provided the login information (username and password) the WebConfig account will be configured together with the AS2 account.
- After that you may switch to authentication with personalized certificate.



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WEB INTERFACE AS2

New features in WebConfig since V3.5

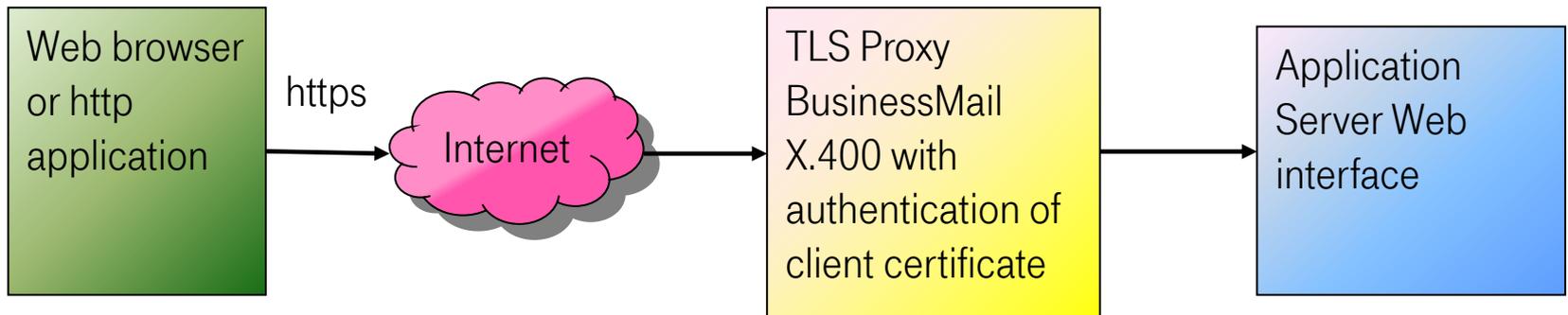
- PKCS#12 archive file will be now AES encrypted. When using older applications, you may choose a compatibility mode (encryption with RC4)



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WEB INTERFACE AS2

Secure Communication via Internet (https)



Address <https://webconfig.viat.de/webconfig>



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WEB INTERFACE AS2

Features

WebConfig will offer the following features:

- Management of AS2 properties
- Management of trading relations for AS2 (- X.400)
- Management of trading relations in central EDI function (if activated)
- Management of SMTP Filter (Disable Internet traffic!)
- Download of data for example client certificate for the access to WebConfig, parameter or user files
- View or Download Status reports or configure automatically generated Status reports
- Access to Message Management (process messages manually in case of AS2 delivery problems or if bypass is activated)
- Management of Email addresses to receive technical information

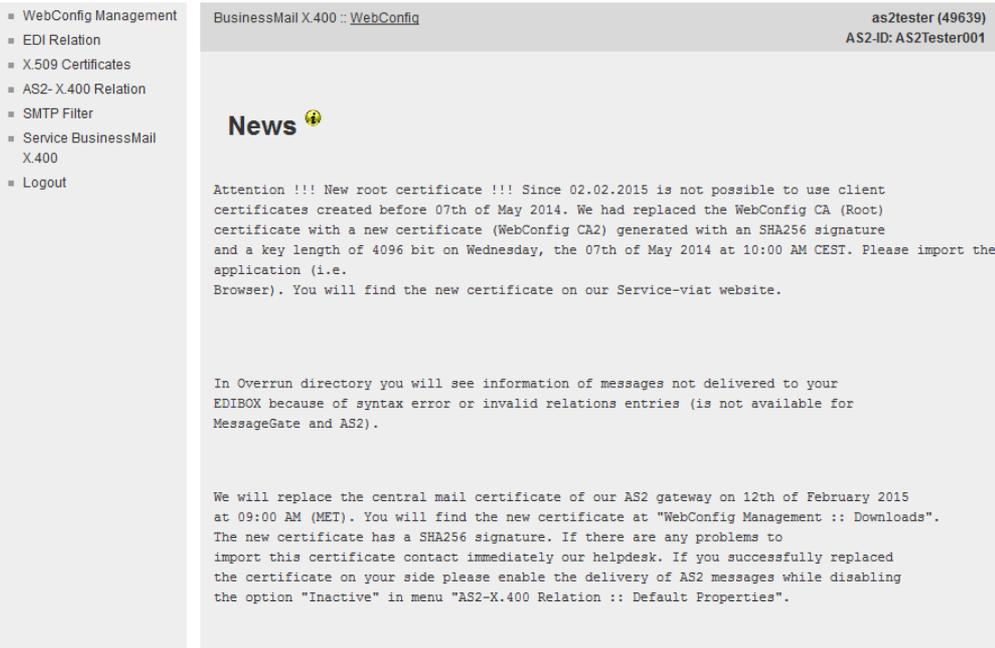


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WEB INTERFACE AS2

Login information (1)

Erleben, was verbindet. 



The screenshot shows the BusinessMail X.400 WebConfig interface. On the left is a navigation menu with items: WebConfig Management, EDI Relation, X.509 Certificates, AS2-X.400 Relation, SMTP Filter, Service BusinessMail X.400, and Logout. The main content area is titled 'BusinessMail X.400 - WebConfig' and shows the user 'as2tester (49639)' with 'AS2-ID: AS2Tester001'. A 'News' section with a warning icon contains the following text:

Attention !!! New root certificate !!! Since 02.02.2015 is not possible to use client certificates created before 07th of May 2014. We had replaced the WebConfig CA (Root) certificate with a new certificate (WebConfig CA2) generated with an SHA256 signature and a key length of 4096 bit on Wednesday, the 07th of May 2014 at 10:00 AM CEST. Please import the application (i.e. Browser). You will find the new certificate on our Service-viat website.

In Overrun directory you will see information of messages not delivered to your EDIBOX because of syntax error or invalid relations entries (is not available for MessageGate and AS2).

We will replace the central mail certificate of our AS2 gateway on 12th of February 2015 at 09:00 AM (MET). You will find the new certificate at "WebConfig Management :: Downloads". The new certificate has a SHA256 signature. If there are any problems to import this certificate contact immediately our helpdesk. If you successfully replaced the certificate on your side please enable the delivery of AS2 messages while disabling the option "Inactive" in menu "AS2-X.400 Relation :: Default Properties".

- When login into WebConfig you will find some information about new features or changes in GUI.
- You may select one of the flags to change the language of GUI.



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WEB INTERFACE AS2

Login information (2)

Erleben, was verbindet. 

■ WebConfig Management
■ EDI Relation
■ X.509 Certificates
■ AS2-X.400 Relation
■ SMTP Filter
■ Service BusinessMail X.400
■ Logout

BusinessMail X.400 :: [WebConfig](#) as2tester (49639)
AS2-ID: AS2Tester001

Your WebConfig certificate is valid until **21.12.2018** (1095 days left)

News 📰

Attention !!! New root certificate !!! Since 02.02.2015 is not possible to use client certificates created before 07th of May 2014. We had replaced the WebConfig CA (Root) certificate with a new certificate (WebConfig CA2) generated with an SHA256 signature and a key length of 4096 bit on Wednesday, the 07th of May 2014 at 10:00 AM CEST. Please import the application (i.e. Browser). You will find the new certificate on our Service-viat website.

In Overrun directory you will see information of messages not delivered to your EDIBOX because of syntax error or invalid relations entries (is not available for MessageGate and AS2).

We will replace the central mail certificate of our AS2 gateway on 12th of February 2015 at 09:00 AM (MET). You will find the new certificate at "WebConfig Management :: Downloads". The new certificate has a SHA256 signature. If there are any problems to import this certificate contact immediately our helpdesk. If you successfully replaced the certificate on your side please enable the delivery of AS2 messages while disabling the option "Inactive" in menu "AS2-X.400 Relation :: Default Properties".

- If you use a personalized client certificate when log into WebConfig you will see an information how long this certificate is valid.
- If you had logged in via personalized certificate and then log out, you have not to enter a value only press the "Login" button to log in again.



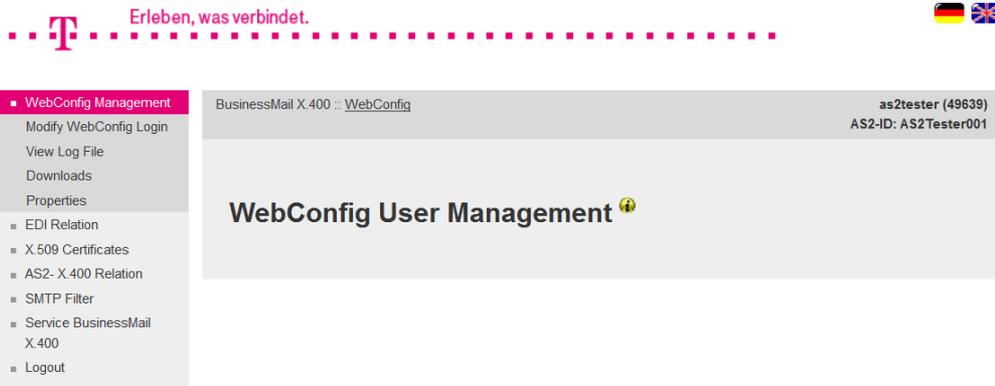
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WEB INTERFACE AS2

WebConfig Management – Overview

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Management of WebConfig account

- Modify Login data
- View Log file
- Download Data (certificates, parameter or user files)
- Properties: Language, time zone and separator of CSV files, life time of cookies



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WEB INTERFACE AS2

WebConfig Management – Modify Login (1)

The screenshot shows the BusinessMail X.400 WebConfig Management interface. At the top left, there is a logo and the slogan "Erleben, was verbindet." followed by a dotted line. On the top right, there are German and UK flags. The main content area is titled "BusinessMail X.400 :: WebConfig" and shows the user "as2tester (49639)" with "AS2-ID: AS2Tester001". The left sidebar contains a menu with items like "WebConfig Management", "Modify WebConfig Login", "View Log File", "Downloads", "Properties", "EDI Relation", "X.509 Certificates", "AS2- X.400 Relation", "SMTP Filter", "Service BusinessMail X.400", and "Logout". The main content area is titled "WebConfig Management :: Modify Login Data" and features a checkbox for "Authenticate user automatically". Below this is a section titled "Authenticate user automatically" with explanatory text and a link to the "Download area". At the bottom, there is a "Modify Password" section with input fields for "Old Password", "New Password", and "Repeat Password", along with "Ok" and "Cancel" buttons.

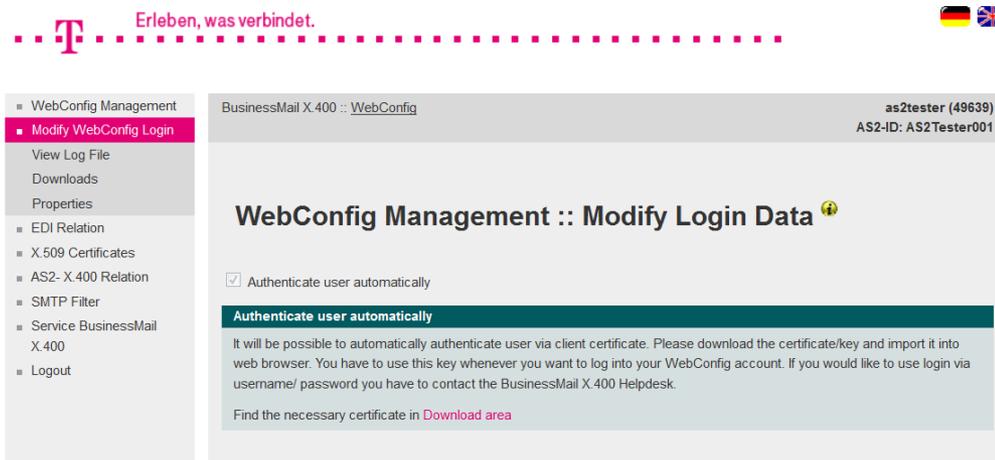
- In this menu item you may enable the login via personalized certificate (Authenticate user automatically) or change the password of your WebConfig account. The password length should be at minimum 12 digits while using letters, numbers and special characters.
- Only the central administration can change the WebConfig Logonname. Please contact the Helpdesk if you have such a request.



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WEB INTERFACE AS2

WebConfig Management – Modify Login (2)



The screenshot shows the BusinessMail X.400 WebConfig Management interface. At the top, there is a logo and the slogan "Erleben, was verbindet." followed by German and UK flags. The main content area is titled "WebConfig Management :: Modify Login Data" and includes a checkbox for "Authenticate user automatically" which is checked. Below this, a green banner reads "Authenticate user automatically" and a text box explains that users can be authenticated via client certificates, providing instructions on how to download and import them. A link labeled "Download area" is provided for finding the necessary certificate. The left sidebar contains a navigation menu with options like "WebConfig Management", "Modify WebConfig Login", "View Log File", "Downloads", "Properties", "EDI Relation", "X.509 Certificates", "AS2- X.400 Relation", "SMTP Filter", "Service BusinessMail X.400", and "Logout". The top right corner of the interface shows the user "as2tester (49639)" and "AS2-ID: AS2Tester001".

- If you enable “Authenticate user automatically”, you will get the information, that you need a personalized certificate. If you did not download and install this certificate, you should not continue.
- If the feature “Authenticate user automatically” is enabled, only the Helpdesk can disable this feature or to revoke compromised certificates.
- The Helpdesk will also reenable your WebConfig account, if it is temporary locked because of Login failures.



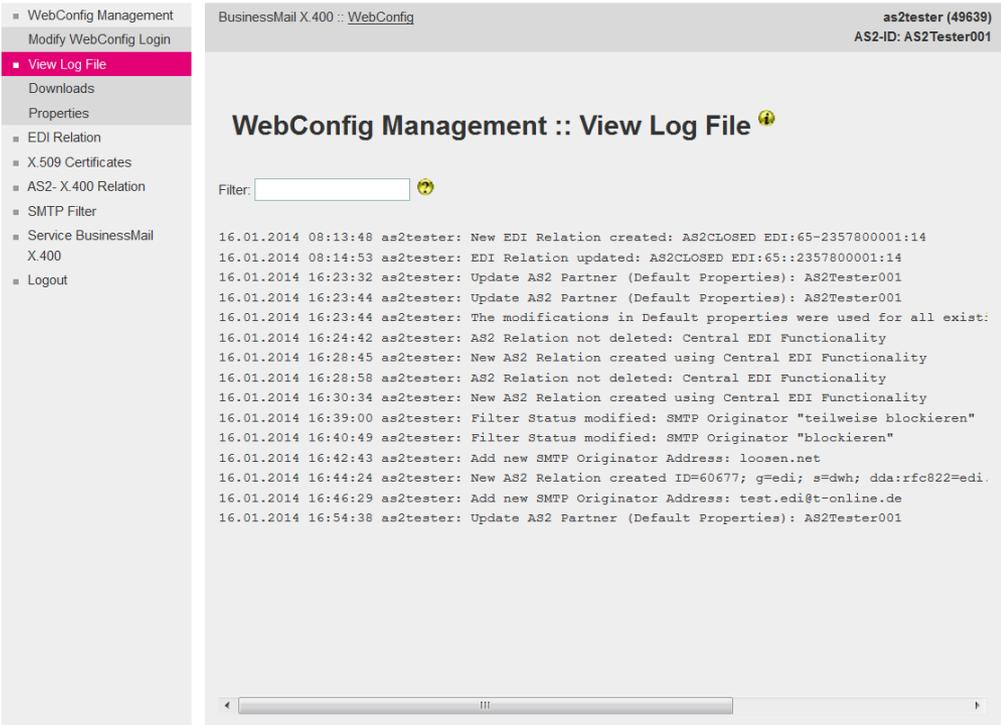
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WEB INTERFACE AS2

WebConfig Management – View Log File

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BusinessMail X.400 :: [WebConfig](#) as2tester (49639)
AS2-ID: AS2Tester001

WebConfig Management :: View Log File ⓘ

Filter: ⓘ

```
16.01.2014 08:13:48 as2tester: New EDI Relation created: AS2CLOSED EDI:65-2357800001:14
16.01.2014 08:14:53 as2tester: EDI Relation updated: AS2CLOSED EDI:65::2357800001:14
16.01.2014 16:23:32 as2tester: Update AS2 Partner (Default Properties): AS2Tester001
16.01.2014 16:23:44 as2tester: Update AS2 Partner (Default Properties): AS2Tester001
16.01.2014 16:23:44 as2tester: The modifications in Default properties were used for all exist:
16.01.2014 16:24:42 as2tester: AS2 Relation not deleted: Central EDI Functionality
16.01.2014 16:28:45 as2tester: New AS2 Relation created using Central EDI Functionality
16.01.2014 16:28:58 as2tester: AS2 Relation not deleted: Central EDI Functionality
16.01.2014 16:30:34 as2tester: New AS2 Relation created using Central EDI Functionality
16.01.2014 16:39:00 as2tester: Filter Status modified: SMTP Originator "teilweise blockieren"
16.01.2014 16:40:49 as2tester: Filter Status modified: SMTP Originator "blockieren"
16.01.2014 16:42:43 as2tester: Add new SMTP Originator Address: loosen.net
16.01.2014 16:44:24 as2tester: New AS2 Relation created ID=60677; g=edi; s=dwh; dda:rfc822=edi.
16.01.2014 16:46:29 as2tester: Add new SMTP Originator Address: test.edi@t-online.de
16.01.2014 16:54:38 as2tester: Update AS2 Partner (Default Properties): AS2Tester001
```

- In Log file you will see all activities in relation/filter management. Each entry shows a time stamp, the name of initiator and the relation.
- While entering a search string (Filter) you may reduce the number of displayed entries.



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WEB INTERFACE AS2

WebConfig Management – Downloads (1)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

WebConfig Management :: Downloads

WebConfig client certificate is used to automatically authenticate user

Certificates in "compatibility mode"

Define the export password

Create and download

The following Certificate files are ready for download

	MIME Type
zertifikat.zip	application/zip

The following user data is ready for download

	MIME Type
X400Adresse.csv	application/csv
EDI.csv	application/csv
EDI_TP.csv	application/csv
AS2X400.csv	application/csv
AS2X400_PS.csv	application/csv
SMTPFilter.csv	application/csv

The following Status Report is ready for download

	MIME Type
StatusReport.csv	application/csv

- In this menu item you have the possibility to download different types of files.
- Create an PKCS#12 archive (*.p12) including a client certificate and a private key to log into WebConfig with personalized certificate (automatically authenticate user, certificate is only valid for your User-ID). You may create and download more than one certificate. But if one of those certificates has been compromised the Helpdesk has to revoke all certificates.



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WEB INTERFACE AS2

WebConfig Management – Downloads (2)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

WebConfig Management :: Downloads

WebConfig client certificate is used to automatically authenticate user

Certificates in "compatibility mode"

Define the export password

Create and download

The following Certificate files are ready for download	
	MIME Type
zertifikat.zip	application/zip

The following user data is ready for download	
	MIME Type
X400Adresse.csv	application/csv
EDI.csv	application/csv
EDL_TP.csv	application/csv
AS2X400.csv	application/csv
AS2X400_PS.csv	application/csv
SMTPFilter.csv	application/csv

The following Status Report is ready for download	
	MIME Type
StatusReport.csv	application/csv

- To create and download the client certificate and private key it is necessary to enter an export password that has a minimum length of 12 digits and include at minimum one letter, one number and one special character. We recommend to use a password that is as irregular and long as possible.
- The PKCS#12 archive file will be encrypted using AES by default. When using very old browsers or Webservice modules you may enable the option and use a compatibility mode (RC4) to create the archive.



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WEB INTERFACE AS2

WebConfig Management – Downloads (3)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

WebConfig Management :: Downloads

WebConfig client certificate is used to automatically authenticate user

Certificates in "compatibility mode"

Define the export password

Create and download

The following Certificate files are ready for download

	MIME Type
zertifikat.zip	application/zip

The following user data is ready for download

	MIME Type
X400Adresse.csv	application/csv
EDI.csv	application/csv
EDL_TP.csv	application/csv
AS2X400.csv	application/csv
AS2X400_PS.csv	application/csv
SMTPFilter.csv	application/csv

The following Status Report is ready for download

	MIME Type
StatusReport.csv	application/csv

- You will see the menu item regarding certificate files only, if there is a server certificate (AS2 https) stored for your account.
- To import the configuration (properties and trading relations) into your application you may download the parameter files (CSV format).



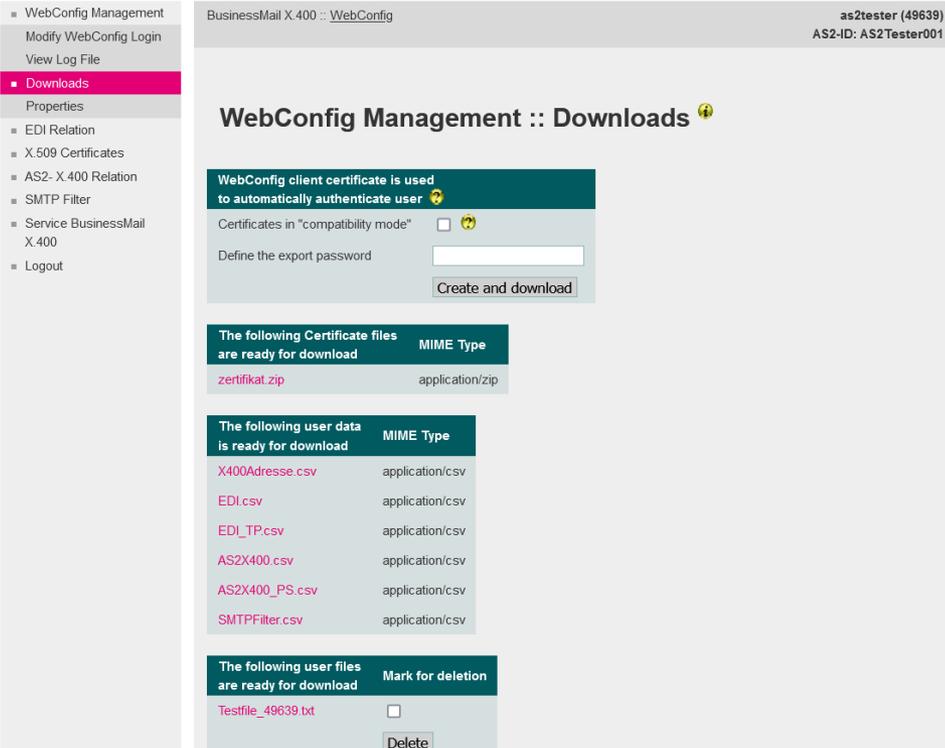
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WEB INTERFACE AS2

WebConfig Management – Downloads (4)

Erleben, was verbindet. 



WebConfig Management Management

BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

WebConfig Management :: Downloads 🗸

WebConfig client certificate is used to automatically authenticate user 🗸

Certificates in "compatibility mode" 🗸

Define the export password

Create and download

The following Certificate files are ready for download

	MIME Type
zertifikat.zip	application/zip

The following user data is ready for download

	MIME Type
X400Adresse.csv	application/csv
EDI.csv	application/csv
EDI_TP.csv	application/csv
AS2X400.csv	application/csv
AS2X400_PS.csv	application/csv
SMTPFilter.csv	application/csv

The following user files are ready for download

	Mark for deletion
Testfile_49639.txt	<input type="checkbox"/>

Delete

- Only if there are user files ready for download, you will see the menu item with the list of those files. After downloading a file, you may mark the entry and press “Delete” to delete it on host side and remove the entry.



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WEB INTERFACE AS2

WebConfig Management – Properties

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BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

WebConfig Management :: Properties

Select file type of downloadable CSV File

Time zone: GMT (UTC+0:00)

List separator: ; (continental)

Common properties

Language: English

Maximum life time of cookie: 30 Days

Store properties | Delete all stored properties

- Format of CSV file (Time zone, separator)
- Language of GUI
- Default value for the compatibility mode while creating certificates
- Lifetime of cookies



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WEB INTERFACE AS2

EDI Relation (only if central EDI functionality has been enabled)

The screenshot displays the BusinessMail X.400 web interface. At the top left is the logo 'T' with the tagline 'Erleben, was verbindet.' and a dotted line. To the right are German and UK flags. The main content area shows a sidebar menu on the left with the following items: WebConfig Management, EDI Relation (highlighted), X.509 Certificates, AS2- X.400 Relation, SMTP Filter, Service BusinessMail X.400, and Logout. The 'EDI Relation' menu is expanded, showing sub-items: Create EDI Account, Show/modify EDI Account, Delete EDI Account, Create EDI Relation, Show/modify EDI Relation, and Delete EDI Relation. The main content area displays 'BusinessMail X.400 :: WebConfig' at the top, with user information 'as2tester (49639)' and 'AS2-ID: AS2Tester001' on the right. The central area contains the heading 'EDI Relation' with a small icon.

- In this main menu item, you may manage (create, show/modify or delete) your own EDI accounts and your EDI relations, if central EDI functionality has been enabled for your AS2 account.
- **You must configure an AS2 relation for the central EDI function, otherwise you are not able to use the EDI relations configure in this menu.**



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WEB INTERFACE AS2

EDI Relation – Create an EDI account

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

EDI Relation :: Create EDI Account

EDI Account

EDI ID

EDI Qualifier

Closed User Group (only configured partner were able to send messages to this EDI Account)

Ok Cancel

- In this menu item you may configure an own EDI account. One own EDI account must be configured at minimum.
- It is mandatory to add a value to “EDI ID” (for example an ILN/GLN) but “EDI Qualifier” is an optional value.
- When activating “Closed User Group” only a configured EDI Trading Partner will be able to deliver a document to this own EDI account.

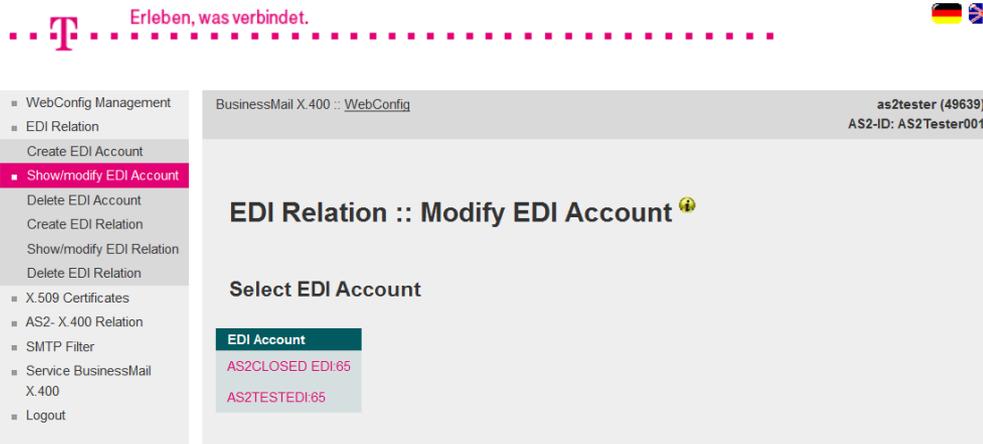


BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – List and select an EDI account

Erleben, was verbindet.



BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

EDI Relation :: Modify EDI Account

Select EDI Account

EDI Account
AS2CLOSED EDI:65
AS2TESTEDI:65

- In this menu item you will see all configured EDI accounts.
- Select an EDI account via double click of mouse to modify the values.



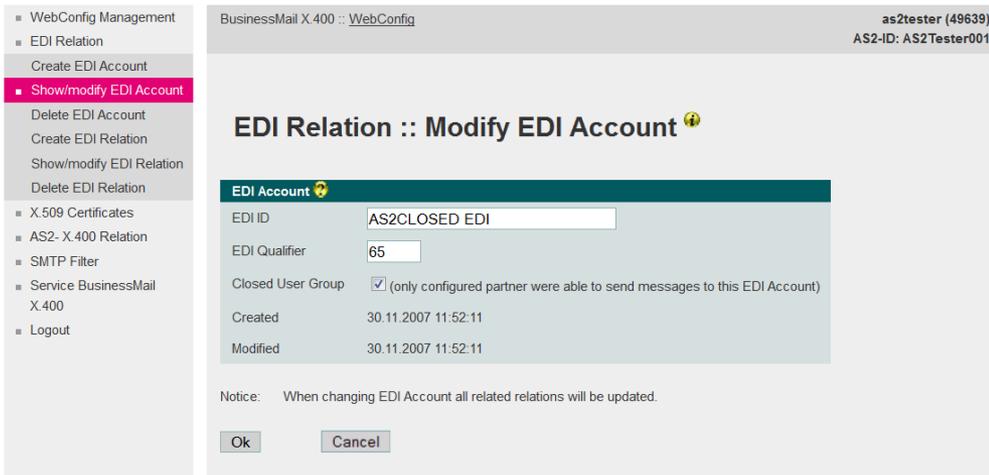
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BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – Modify an EDI account

Erleben, was verbindet. 



The screenshot displays the 'BusinessMail X.400' web interface. On the left is a navigation menu with items like 'WebConfig Management', 'EDI Relation', and 'Show/modify EDI Account' (which is highlighted). The main content area is titled 'EDI Relation :: Modify EDI Account' and contains a form for editing an EDI account. The form fields are as follows:

EDI Account	
EDI ID	AS2CLOSED EDI
EDI Qualifier	65
Closed User Group	<input checked="" type="checkbox"/> (only configured partner were able to send messages to this EDI Account)
Created	30.11.2007 11:52:11
Modified	30.11.2007 11:52:11

Notice: When changing EDI Account all related relations will be updated.

Buttons: Ok, Cancel

- In this menu item you may change the values of configured EDI accounts.

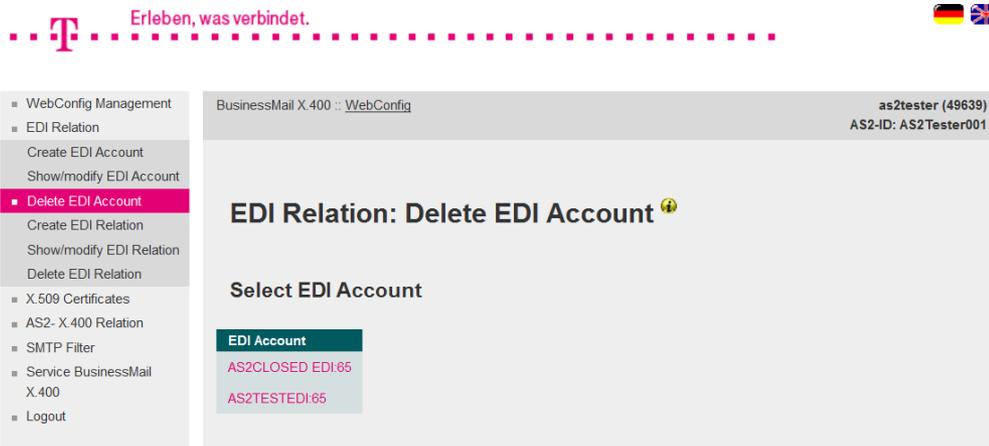


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WEB INTERFACE AS2

EDI Relation – Delete an EDI account

Erleben, was verbindet.



The screenshot shows the BusinessMail X.400 web interface. The top navigation bar includes the logo, the slogan "Erleben, was verbindet.", and language flags for German and UK. The left sidebar contains a menu with the following items: WebConfig Management, EDI Relation, Create EDI Account, Show/modify EDI Account, Delete EDI Account (highlighted in red), Create EDI Relation, Show/modify EDI Relation, Delete EDI Relation, X.509 Certificates, AS2- X.400 Relation, SMTP Filter, Service BusinessMail X.400, and Logout. The main content area displays the title "EDI Relation: Delete EDI Account" with a warning icon. Below this is a "Select EDI Account" section with a table of available accounts:

EDI Account
AS2CLOSED EDI:65
AS2TESTEDI:65

- In this menu item you may delete a configured EDI account.
- Select an EDI account via double click of mouse.
- You must confirm to delete this EDI account.



BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – Create a new Relation (1)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

EDI Relation :: Create new Relation

X.400 Partner

User Identification

User ID

X.400 Address

general

SMTP Address

Country (c) ADMD (a) PRMD (p)

X.121 (x121)

UA ID (n-id)

Commonname (cn)

Given name (g) Surname (s)

Generation (q) Initials (i)

Organization (o)

Org Unit 1 (ou1) Org Unit 2 (ou2)

- In this menu item you may configure a new EDI Trading Partner/ EDI Relation.
- In section „X.400 Partner“ you must add the User ID or the X.400 address of your partner. When entering the address of external partners, you may use special address masks. If you enter a value to “User ID”, you are not able to enter X.400 address elements.



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WEB INTERFACE AS2

EDI Relation – Create a new Relation (2)

Organization (o)

Org Unit 1 (ou1) Org Unit 2 (ou2)

Org Unit 3 (ou3) Org Unit 4 (ou4)

Domain defined Attributes (dda)

Type Value

Type Value

Type Value

Type Value

EDI Properties

EDI Relation

EDI Account

Partner EDI ID

Partner EDI Qualifier

EDI Testflag

X.400 Content Type

Bodypart

Comment

Ok Cancel

- In section „EDI properties“ you must map this relation to configured EDI account.
- The partner’s EDI ID is mandatory when configuring a relation. Optional is to add an EDI Qualifier or to select EDI Test flag (Test flag in UNB will be used for the lookup of X.400 address).
- The parameters X.400 Content Type and Bodypart will define the format of X.400 message send to your partner.



BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – Create a new Relation (3)

Organization (o)

Org Unit 1 (ou1) Org Unit 2 (ou2)

Org Unit 3 (ou3) Org Unit 4 (ou4)

Domain defined Attributes (dda)

Type Value

Type Value

Type Value

Type Value

EDI Properties

EDI Relation

EDI Account

Partner EDI ID

Partner EDI Qualifier

EDI Testflag

X.400 Content Type

Bodypart

Comment

Ok Cancel

- You may add a comment with a maximum length of 64 characters to this relation entry. The content of this comment will be used by filter mechanism within select relation menu (modify, delete).



BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – Select and modify a Relation

Erleben, was verbindet. 

BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

EDI Relation :: Modify Relation 

Select Relation

Filter: 

EDI Account	Partner EDI Account	Test flag	X.400 Address
AS2CLOSED EDI:65	123433434:14	<input type="checkbox"/>	s=helfrich; o=HF-Moebelbau; p=EDICC; a=VIAT; c=DE
AS2CLOSED EDI:65	2357800001:14	<input type="checkbox"/>	g=edi; s=mertens; dda.RFC-822=edi.mertens(a)holzhausen.de; a=VIAT-SMTP; c=DE
AS2CLOSED EDI:65	PDMEDITEST1:65	<input type="checkbox"/>	cn=PDM PDMEDI1; g=PDM; s=PDMEDI1; o=DTAG; n-id=2001134; a=VIAT-TEST; c=DE
AS2TESTEDI:65	376237676:65	<input type="checkbox"/>	cn=MG1 MGATE; g=MG1; s=MGATE; o=DTAG; n-id=2049603; p=MGATE; a=VIAT-TEST; c=DE
AS2TESTEDI:65	PDMEDITEST1:65	<input type="checkbox"/>	cn=PDM PDMEDI1; g=PDM; s=PDMEDI1; o=DTAG; n-id=2001134; a=VIAT-TEST; c=DE

- In this menu item you will see all EDI relations configured for your EDI accounts.
- When entering a search string, you will reduce the number of displayed entries. The search mechanism will also consider the comments added to the relation entries.
- Select an EDI relation via double click of mouse to modify the values.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – Modify a Relation (1)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

EDI Relation :: Modify Relation

Create copy

X.400 Partner

User Identification

User ID 49643

X.400 Address

Country (c)	<input type="text" value="DE"/>	ADMD (a)	<input type="text" value="VIAT"/>	PRMD (p)	<input type="text" value="EDICC"/>
X.121	(x121)	<input type="text"/>			
UA ID	(n-id)	<input type="text"/>			
Commonname	(cn)	<input type="text"/>			
Given name	(g)	<input type="text"/>	Surname	(s)	<input type="text" value="hefrich"/>
Generation	(q)	<input type="text"/>	Initials	(i)	<input type="text"/>
Organization	(o)	<input type="text" value="HF-Moebelbau"/>			
Org Unit 1	(ou1)	<input type="text"/>	Org Unit 2	(ou2)	<input type="text"/>
Org Unit 3	(ou3)	<input type="text"/>	Org Unit 4	(ou4)	<input type="text"/>

- In this menu item you may modify the values of selected EDI relation (external X.400 address or EDI parameter).
- You may use the values of this relation to create a new relation, while selecting “Create copy” (for example to map the relation to another own EDI account).



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BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – Modify a Relation (2)

The screenshot displays the 'BusinessMail X.400 :: WebConfig' interface. The left sidebar contains a navigation menu with 'Show/modify EDI Relation' highlighted. The main content area is titled 'EDI Relation :: Modify Relation' and includes a 'Create copy' button. Below this, the 'X.400 Partner' section is visible, containing two sub-sections: 'User Identification' and 'X.400 Address'. The 'User Identification' section shows 'User ID' as 60676. The 'X.400 Address' section contains various fields for contact information, including Country (DE), ADMID (VIAT-SMTP), PRMD, X.121, UA ID, Commonname, Given name (edi), Surname (mertens), Generation, Organization, and Org Unit fields. At the bottom, the 'Domain defined Attributes (dda)' section shows a Type of RFC-822 and a Value of edi.mertens(a)holzhausen.de.

- EDI Trading Partner, who is not using X.400 service → SMTP Gateway.
- While changing the SMTP address in DDA value (please use “(a)” instead of “@”) you must change in parallel the value of the Surname and if used, also of the Given name.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

EDI Relation – Delete a Relation



BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

EDI Relation :: Delete Relation

Select Relation

Filter:

EDI Account	Partner EDI Account	Test flag	X.400 Address
AS2CLOSED EDI:65	123433434:14	<input type="checkbox"/>	s=helfrich; o=HF-Moebelbau; p=EDICC; a=VIAT; c=DE
AS2CLOSED EDI:65	2357800001:14	<input type="checkbox"/>	g=edi; s=mertens; dda:RFC-822=edi.mertens(a)holzhausen.de; a=VIAT-SMTP; c=DE
AS2CLOSED EDI:65	PDMEDITEST1:65	<input type="checkbox"/>	cn=PDM PDMEDI1; g=PDM; s=PDMEDI1; o=DTAG; n-id=2001134; a=VIAT-TEST; c=DE
AS2TESTEDI:65	376237676:65	<input type="checkbox"/>	cn=MG1 MGATE; g=MG1; s=MGATE; o=DTAG; n-id=2049603; p=MGATE; a=VIAT-TEST; c=DE
AS2TESTEDI:65	PDMEDITEST1:65	<input type="checkbox"/>	cn=PDM PDMEDI1; g=PDM; s=PDMEDI1; o=DTAG; n-id=2001134; a=VIAT-TEST; c=DE

- In this menu item you may delete a configured EDI relation.
- Select an EDI relation via double click of mouse to delete this entry.
- You must confirm to delete this EDI relation.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

X.509 Certificate

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

- WebConfig Management
- EDI Relation
- X.509 Certificates**
 - Show/Modify Certificate
 - Upload CA Certificate
- AS2- X.400 Relation
- SMTP Filter
- Service BusinessMail X.400
- Logout

X.509 Certificate Alias 🗨️

- In this main menu item, you may manage the Certificate Aliases configured for your AS2 account.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

X.509 Certificate – Show Certificate Alias

Erleben, was verbindet.



The screenshot shows the BusinessMail X.400 Web Interface. The left sidebar contains a navigation menu with the following items: WebConfig Management, EDI Relation, X.509 Certificates, Show/Modify Certificate (highlighted), Upload CA Certificate, AS2- X.400 Relation, SMTP Filter, Service BusinessMail X.400, and Logout. The main content area is titled "BusinessMail X.400 :: WebConfig" and shows the user "as2tester (49639)" with "AS2-ID: AS2Tester001". The page title is "X.509 Certificate Alias :: View/Modify Alias". Below the title is a "Filter:" input field. A table lists the configured aliases:

User Alias	Certificate 1	Certificate 2
AS2TESTPC1	Fri, 01 Nov 2019 08:42:38 GMT	
AS2TESTPC1_ENC	Fri, 01 Nov 2019 08:42:38 GMT	
AS2TESTPC1_TLS	Fri, 01 Nov 2019 08:42:38 GMT	

- In this menu you may select one of the X.509 Certificate Aliases configured for your AS2 account to replace the stored certificate or add a second certificate to prepare an automatic exchange.
- If you use the same certificate for the signature and encryption of AS2 messages and you do not use a self signed host certificate for https connection only one X.509 Certificate Alias should be configured/ listed. Otherwise up to three X.509 Certificate Aliases will be listed.



BUSINESSMAIL X.400

WEB INTERFACE AS2

X.509 Certificate – Modify Certificate Alias (1)



The screenshot shows the BusinessMail X.400 WebConfig interface. The left sidebar contains a navigation menu with the following items: WebConfig Management, EDI Relation, X.509 Certificates, Show/Modify Certificate (highlighted), Upload CA Certificate, AS2- X.400 Relation, SMTP Filter, Service BusinessMail X.400, and Logout. The main content area displays the 'X.509 Certificate Alias :: View/Modify Alias' dialog box. The dialog box has a title bar with 'X.509' and a help icon. The 'Alias' field contains 'AS2TESTPC1'. The '1st Certificate' section shows 'valid until Fri, 01 Nov 2019 08:42:38 GMT [Details]' and three radio buttons: 'not modify' (selected), 'replace by file' (with a 'Durchsuchen...' button and 'Keine Datei ausgewählt.' text), and 'Delete Certificate'. The '2nd Certificate' section shows 'valid until' and three radio buttons: 'not modify' (selected), 'replace by file' (with a 'Durchsuchen...' button and 'Keine Datei ausgewählt.' text), and 'Delete Certificate'. The 'Time of automatic certificate exchange(optional)' field is empty, with a format 'JJJJ.MM.TT hh:mm:ss' and 'Time zone is UTC+1:00'. The 'Block Message delivery before and after automatic certificate exchange' field is empty, with a unit 'Minutes' and 'Possible Values: 1 - 60' and 'Default is: 15'. At the bottom of the dialog box are 'Ok' and 'Cancel' buttons.

- In this menu you may replace the certificate configured in one of the X.509 Certificate Alias of your AS2 account or add a second certificate to prepare an automatically exchange of the certificate.
- It may last up to one minute until the new certificate will be active (we recommend to suppress the message delivery in “AS2 – X.400 Relation – Properties” Option “Inactive” before you replace the certificate and wait 1-2 minutes, before you enable the delivery).



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BUSINESSMAIL X.400

WEB INTERFACE AS2

X.509 Certificate – Modify Certificate Alias (2)

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BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

X.509 Certificate Alias :: View/Modify Alias

X.509

Alias: AS2TESTPC1

1st Certificate: valid until Fri, 01 Nov 2019 08:42:38 GMT [Details]

not modify
 replace by file: Durchsuchen... Keine Datei ausgewählt.
 Delete Certificate

2nd Certificate: valid until

not modify
 replace by file: Durchsuchen... Keine Datei ausgewählt.
 Delete Certificate

Time of automatic certificate exchange(optional): []
JJJJ.MM.TT hh:mm:ss
Time zone is UTC+1:00

Block Message delivery before and after automatic certificate exchange: [] Minutes
Possible Values: 1 - 60
Default is: 15

Ok Cancel

- You may also configure an automatically exchange of certificates, where the AS2 gateway will not send messages to your AS2 solution some minutes before and after configured date.
- If your AS2 application supports CEM (certificate exchange management for AS2) you may also request the certificate exchange using such a special AS2 message. The new certificate will be stored in the database and the change is visible in this menu.

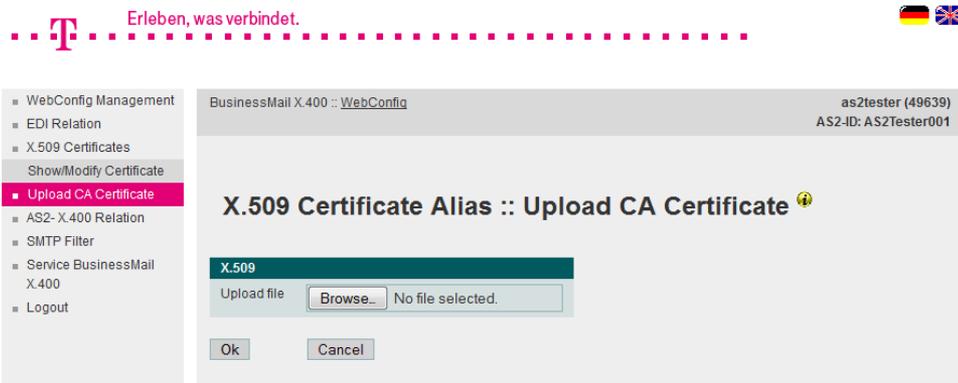


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BUSINESSMAIL X.400

WEB INTERFACE AS2

X.509 Certificate – Upload CA certificate



- You may also upload the CA root certificate of the TLS host certificate used by your AS2 application, if it uses a https connection and no self signed certificate (configured in Alias).



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BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation

Erleben, was verbindet. 



The screenshot shows a web interface for BusinessMail X.400. The top navigation bar includes the logo and the slogan "Erleben, was verbindet." with German and UK flags. The main content area is titled "BusinessMail X.400 :: WebConfig" and shows the user "as2tester (49639)" with "AS2-ID: AS2Tester001". The left sidebar menu has "AS2- X.400 Relation" highlighted in red. The main content area displays "AS2-X.400 Relation" with a help icon.

- WebConfig Management
- EDI Relation
- X.509 Certificates
- AS2- X.400 Relation**
 - Properties
 - Create Relation
 - Show/Modify Relation
 - Delete Relation
 - Status Report
 - Autom. Status Report
 - Message Management
- SMTP Filter
- Service BusinessMail X.400
- Logout

- In this main menu item, you may manage all database entries related to your AS2 account.
- Configuration items are: AS2 properties, create, view/modify and delete AS2 – X.400 relations (use AS2 ID to address your partner), view and download Status reports, configure automatically generated Status reports and access to Message Management.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (1)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Default Properties

User
X 400 Address cn=as2 tester; g=as2; s=tester; o=testag; n-id=2049639; a=VIAT-AS2; c=DE

Properties of AS2 User

MTA Mode	Agent
AS2 ID	AS2Tester001
URL	http://as2.testag.de:4080/
Certificate Alias	AS2TESTPC1
Alias Encryption	AS2TESTPC1_ENC
Alias TLS	AS2TESTPC1_TLS
Email Address	as2@testag.de
Inactive	<input checked="" type="checkbox"/>
Enable AS2 Bypass	<input checked="" type="checkbox"/>
Duplicate Check	<input checked="" type="checkbox"/>
Enable End-to-End Security	<input type="checkbox"/>
Purge time	240 Hours
Send Timeout Message	1440 Minutes (0-65535, 0=Unlimited Retries)
Send Timeout MDN	1440 Minutes (0-65535, 0=Unlimited Retries)
Receive Timeout MDN	0 Minutes (0-65535, 0=no Retries)
Max. number of retries	0 (0-127, 0=no Retry)

- In this menu item you may configure the properties of your AS2 account.
- By default, the MTA Mode is “Agent”.
- Add the AS2 ID your AS2 application will use (AS2-FROM: when sending documents and AS2-TO: when receiving documents)
- The configured URL the AS2 gateway will use when delivering AS2 documents.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (2)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Default Properties

User

X.400 Address cn=as2 tester; g=as2; s=tester; o=testag; n-id=2049639; a=VIAT-AS2; c=DE

Properties of AS2 User

MTA Mode	Agent
AS2 ID	AS2Tester001
URL	http://as2.testag.de:4080/
Certificate Alias	AS2TESTPC1
Alias Encryption	AS2TESTPC1_ENC
Alias TLS	AS2TESTPC1_TLS
Email Address	as2@testag.de
Inactive	<input checked="" type="checkbox"/>
Enable AS2 Bypass	<input checked="" type="checkbox"/>
Duplicate Check	<input checked="" type="checkbox"/>
Enable End-to-End Security	<input type="checkbox"/>
Purge time	240 Hours
Send Timeout Message	1440 Minutes (0-65535, 0=Unlimited Retries)
Send Timeout MDN	1440 Minutes (0-65535, 0=Unlimited Retries)
Receive Timeout MDN	0 Minutes (0-65535, 0=no Retries)
Max. number of retries	0 (0-127, 0=no Retry)

- Central administration will configure the Aliases for Signature, Encryption and TLS or if not exists a CEM request (special AS2 message to request a certificate exchange) will automatically create an Alias entry. Most of the AS2 applications use for the signature and the encryption of an AS2 message the same certificate so it is enough to create and configure a single Alias. The TLS Alias is only necessary for a https connection where a self signed host certificate will be used. Select menu “X.509 Certificate” to change the certificate(s) stored for an Alias.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (3)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Default Properties

User
X.400 Address: cn=as2 tester, g=as2, s=tester, o=testag, n-id=2049639, a=VIAT-AS2, c=DE

Properties of AS2 User

MTA Mode	Agent
AS2 ID	AS2Tester001
URL	http://as2.testag.de:4080/
Certificate Alias	AS2TESTPC1
Alias Encryption	AS2TESTPC1_ENC
Alias TLS	AS2TESTPC1_TLS
Email Address	as2@testag.de
Inactive	<input checked="" type="checkbox"/>
Enable AS2 Bypass	<input checked="" type="checkbox"/>
Duplicate Check	<input checked="" type="checkbox"/>
Enable End-to-End Security	<input type="checkbox"/>
Purge time	240 Hours
Send Timeout Message	1440 Minutes (0-65535, 0=Unlimited Retries)
Send Timeout MDN	1440 Minutes (0-65535, 0=Unlimited Retries)
Receive Timeout MDN	0 Minutes (0-65535, 0=no Retries)
Max. number of retries	0 (0-127, 0=no Retry)

- Enter into "Email address" a mail address the Helpdesk will use to send important information about the AS2 gateway. **Please keep this information up to date!**
- You may use "Inactive" to suppress the delivery of documents to your AS2 application or "Enable AS2 Bypass" to directly route all messages into the Overrun (→ Message Management).



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (4)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Default Properties

User
X.400 Address cn=as2 tester; g=as2; s=tester; o=testag; n-id=2049639; a=VIAT-AS2; c=DE

Properties of AS2 User

MTA Mode	Agent
AS2 ID	AS2Tester001
URL	http://as2.testag.de:4080/
Certificate Alias	AS2TESTPC1
Alias Encryption	AS2TESTPC1_ENC
Alias TLS	AS2TESTPC1_TLS
Email Address	as2@testag.de
Inactive	<input checked="" type="checkbox"/>
Enable AS2 Bypass	<input checked="" type="checkbox"/>
Duplicate Check	<input checked="" type="checkbox"/>
Enable End-to-End Security	<input type="checkbox"/>
Purge time	240 Hours
Send Timeout Message	1440 Minutes (0-65535, 0=Unlimited Retries)
Send Timeout MDN	1440 Minutes (0-65535, 0=Unlimited Retries)
Receive Timeout MDN	0 Minutes (0-65535, 0=no Retries)
Max. number of retries	0 (0-127, 0=no Retry)

- The parameter “Duplicate-Check” offers the possibility to define, whether the AS2 gateway should check for duplicate AS2 messages base on their Message ID. When the check is enabled, the gateway will create a negative MDN while recognizing a duplicate message.

- When enabling the End-to-End security, the AS2 gateway will send the signed and encrypted content of the AS2 message unchanged within a FTAM body part (S/MIME content) to your X.400 partner. This value will be used as a default when creating a new relation.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (5)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Default Properties

User

X.400 Address cn=as2 tester; g=as2; s=tester; o=testag; n-id=2049639; a=VIAT-AS2; c=DE

Properties of AS2 User

MTA Mode	Agent
AS2 ID	AS2Tester001
URL	http://as2.testag.de:4080/
Certificate Alias	AS2TESTPC1
Alias Encryption	AS2TESTPC1_ENC
Alias TLS	AS2TESTPC1_TLS
Email Address	as2@testag.de
Inactive	<input checked="" type="checkbox"/>
Enable AS2 Bypass	<input checked="" type="checkbox"/>
Duplicate Check	<input checked="" type="checkbox"/>
Enable End-to-End Security	<input type="checkbox"/>
Purge time	240 Hours
Send Timeout Message	1440 Minutes (0-65535, 0=Unlimited Retries)
Send Timeout MDN	1440 Minutes (0-65535, 0=Unlimited Retries)
Receive Timeout MDN	0 Minutes (0-65535, 0=no Retries)
Max. number of retries	0 (0-127, 0=no Retry)

- The “Purge time” of entries in data-base (Trace Tab) will be set by default to 240 hours (10 days). If you need another value, please contact the Helpdesk.
- The value of “Send timeout” will define, how long AS2 gateway will try to deliver a document to your AS2 application before it will be stored in Overrun (Message Management) for manual handling (for example download the user data of the document). You may handle this document in the Message Management as long as there is an entry in Trace Tab.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (6)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Default Properties

User
X.400 Address cn=as2 tester; g=as2; s=tester; o=testag; n-id=2049639; a=VIAT-AS2; c=DE

Properties of AS2 User

MTA Mode	Agent
AS2 ID	AS2Tester001
URL	http://as2.testag.de:4080/
Certificate Alias	AS2TESTPC1
Alias Encryption	AS2TESTPC1_ENC
Alias TLS	AS2TESTPC1_TLS
Email Address	as2@testag.de
Inactive	<input checked="" type="checkbox"/>
Enable AS2 Bypass	<input checked="" type="checkbox"/>
Duplicate Check	<input checked="" type="checkbox"/>
Enable End-to-End Security	<input type="checkbox"/>
Purge time	240 Hours
Send Timeout Message	1440 Minutes (0-65535, 0=Unlimited Retries)
Send Timeout MDN	1440 Minutes (0-65535, 0=Unlimited Retries)
Receive Timeout MDN	0 Minutes (0-65535, 0=no Retries)
Max. number of retries	0 (0-127, 0=no Retry)

- The value in “Send Timeout MDN” will define, how long AS2 gateway will try to deliver an asynchronous MDN to your AS2 application before it will set the status of this transaction to “failed”.
- The value in “Received Timeout MDN” will define, how long the AS2 gateway will wait for a requested asynchronous MDN before it will move the document to Overrun (Message Management) or re-deliver the document to your AS2 application (depends on number of retries).



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (7)

The screenshot shows the 'Default Properties: X.400 ⇒ AS2' dialog box. It is divided into two main sections: 'Default Properties' and 'X.400 Properties'.

Default Properties: X.400 ⇒ AS2

- Compress:
- Sign: SHA256
- Encrypt: AES
- Request MDN:
- Sign MDN: SHA256
- MDN Transfer: asynchronous: HTTP

X.400 Properties

Properties

- Send requested asynchronous MDN: when Message was delivered (DN)
- Receipt Notification requested in X.400 messages should be: ignored, send, if client had sent notification
- Message Expiration: 1440 Minutes
- X.400 Content Type: IPM84 (selected), IPM88
- Bodypart: IAS Text, Bilateral (Bodypart 14), ISO Latin 1, Depends on context (variable)
- Encode binary data: binary (selected), base64
- Comment: (empty text box)

Buttons: Ok, Cancel

- The value in “Max. number of retries” defines how often AS2 gateway will repeat this redelivery (0 → do not retry and move document directly to Overrun, 1-n → retry delivery before moving the document to Overrun).
- Please consider, when configuring the timeout parameter, that all the transactions of AS2 gateway will be managed in Trace Tab. Configure the timers so that there is enough time for the manual handling in Message Management, if your AS2 application has a problem/down-time.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (8)

Default Properties: X.400 => AS2

Compress

Sign SHA256

Encrypt AES

Request MDN

Sign MDN SHA256

MDN Transfer asynchronous: HTTP

X.400 Properties

Properties

Send requested asynchronous MDN when Message was delivered (DN)

Receipt Notification requested in X.400 messages should be ignored send, if client had sent notification

Message Expiration 1440 Minutes

X.400 Content Type IPM84

Body part IA5 Text Bilateral (Bodypart 14)

Encode binary data binary

Comment

Ok Cancel

- In section “Default Properties AS2 -> X.400” you must define, whether the documents delivered to your AS2 application should be compressed, encrypted (3DES, AES256-CBC) or signed (SHA1, SHA2, SHA3...). You may also configure, whether a MDN should be requested while defining the type of MDN (including the signature algorithm).



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (9)

The screenshot displays the configuration interface for AS2-X.400 relations. It is divided into two main sections:

- Default Properties: X.400 => AS2**: This section contains the following settings:
 - Compress:
 - Sign: SHA256
 - Encrypt: AES
 - Request MDN:
 - Sign MDN: SHA256
 - MDN Transfer: asynchronous: HTTP
- X.400 Properties**: This section contains the following settings:
 - Send requested asynchronous MDN: when Message was delivered (DN)
 - Receipt Notification requested in X.400 messages should be: ignored, send, if client had sent notification
 - Message Expiration: 1440 Minutes
 - X.400 Content Type: IPM84 (dropdown menu)
 - Body part: IAS Text, Bilateral (Bodypart 14), ISO Latin 1, Depends on context (variable) (dropdown menu)
 - Encode binary data: binary (dropdown menu)
 - Comment: (text input field)

At the bottom of the form are 'Ok' and 'Cancel' buttons.

- The values in section “Default properties X.400 → AS2” will be the default for each AS2 – X.400 relation. If you modify this default, you will have the option to modify existing relations also. See page Relation - Properties (13)



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BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (10)

Default Properties: X.400 => AS2

Compress

Sign SHA256

Encrypt AES

Request MDN

Sign MDN SHA256

MDN Transfer asynchronous: HTTP

X.400 Properties

Properties

Send requested asynchronous MDN when Message was delivered (DN)

Receipt Notification requested in X.400 messages should be ignored send, if client had sent notification should be

Message Expiration 1440 Minutes

X.400 Content Type IPM84
IPM88

Bodypart IA5 Text Bilateral (Bodypart 14)
ISO Latin 1
Depends on context (variable)

Encode binary data binary
base64

Comment

Ok Cancel

- The values in section “X.400 properties” will be used for the mapping of AS2 documents into X.400 messages (these values will be the default when creating new AS2 – X.400 relations), for example at which time a requested asynchronous Message Disposition Notification (MDN) should be sent
 - immediately,
 - after submission of X.400 message,
 - when X.400 Notification has arrived → Delivery Notification (DN) or Receipt Notification (RN), and if a requested RN should be sent based on MDN.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (1 1)

The screenshot displays the configuration interface for AS2- X.400 Relation Properties. It is divided into two main sections: 'Default Properties: X.400 => AS2' and 'X.400 Properties'.

Default Properties: X.400 => AS2

- Compress:
- Sign: SHA256
- Encrypt: AES
- Request MDN:
- Sign MDN: SHA256
- MDN Transfer: asynchronous: HTTP

X.400 Properties

Properties

- Send requested asynchronous MDN: when Message was delivered (DN)
- Receipt Notification requested in X.400 messages should be: ignored, send, if client had sent notification
- Message Expiration: 1440 Minutes
- X.400 Content Type: IPM84 (selected), IPM88
- Bodypart: IAS Text, Bilateral (Bodypart 14), ISO Latin 1, Depends on context (variable)
- Encode binary data: binary (selected), base64
- Comment: [Empty text field]

Buttons: Ok, Cancel

- The other parameters will define the format of X.400 message
 - expiration of message,
 - the type of X.400 message,
 - the mapping of AS2 content to X.400 body part.
- You should not change the default message type “IPM88” (supports FTBP). Change the type only in the relation, if a partner has a problem with Common name (send in X.400 address!) or FTBP.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (12)

Default Properties: X.400 => AS2

Compress

Sign SHA256

Encrypt AES

Request MDN

Sign MDN SHA256

MDN Transfer asynchronous: HTTP

X.400 Properties

Properties

Send requested asynchronous MDN when Message was delivered (DN)

Receipt Notification requested in X.400 messages should be ignored send, if client had sent notification

Message Expiration 1440 Minutes

X.400 Content Type IPM84
IPM88

Body part IAS Text
Bilateral (Bodypart 14)
ISO Latin 1
Depends on context (variable)

Encode binary data binary
base64

Comment

Ok Cancel

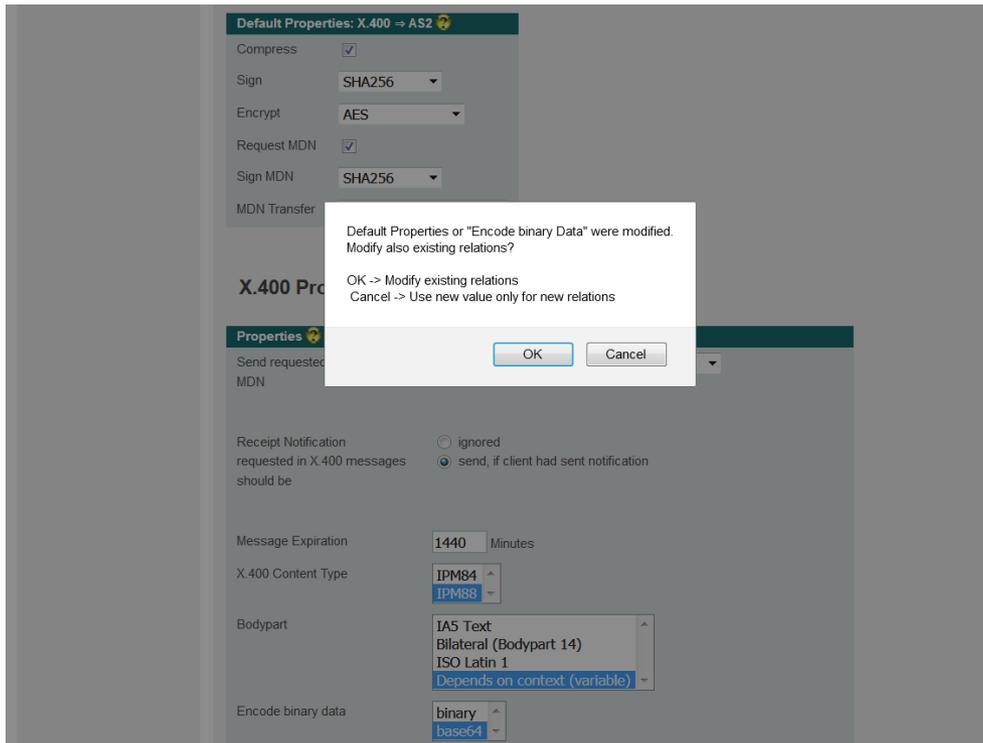
- For the mapping of MIME to X.400 content you shouldn't modify the default value "variable" in properties (map MIME into appropriate X.400 body part). If necessary, change it in relation.
- For "Encode binary data" you may choose, whether binary MIME content should be encoded in BASE64 or not.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Properties (13)



- When changing the values in Properties X.400 – AS2 or in the mapping of MIME to X.400 message there will be the option to use this change for existing relations also. If you only want to use these values for new relations, please press Cancel.
- All other changes will be used for new relations only.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create a new Relation (1)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Create new Relation

Use Central EDI Functionality

AS2 Properties

IDs

AS2 ID: AS2 User AS2Tester001

AS2 ID: X.400 Partner

Add User ID of X.400 partner to given AS2 ID

Enable End-to-End Security

Properties: X.400 → AS2

Default URL

Altern. URL

Compress

Sign

Encrypt

Request MDN

Sign MDN

MDN Transfer

- In this menu item you may configure a new AS2 – X.400 relation and if necessary, an alternative URL for the messages sent by X.400 partner (e.g., for test purposes or load sharing).
- You must assign an AS2 ID for this X.400 partner. By default, WebConfig will add the User ID to defined value. Please disable this option, if you do not want this extension.
- If central EDI function has been not enabled for your AS2 account, you will not see this option in mask.



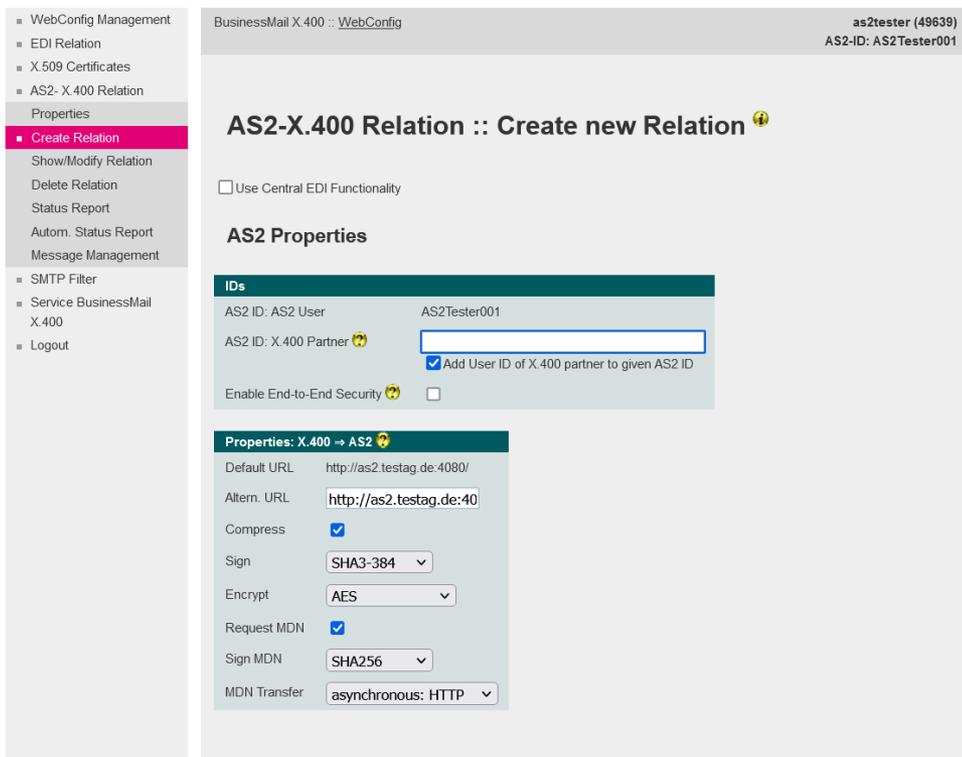
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create a new Relation (2)

Erleben, was verbindet. 



BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Create new Relation

Use Central EDI Functionality

AS2 Properties

IDs

AS2 ID: AS2 User AS2Tester001

AS2 ID: X.400 Partner

Add User ID of X.400 partner to given AS2 ID

Enable End-to-End Security 

Properties: X.400 -> AS2

Default URL

Altern. URL

Compress

Sign

Encrypt

Request MDN

Sign MDN

MDN Transfer

- When enabling the End-to-End security, the AS2 gateway will send the signed and encrypted content of the AS2 message unchanged within a FTAM body part (S/MIME content) to the partner and will request such a message sent by your partner. To encrypt messages or check the signature of received message you must request an appropriate certificate from your X.400 partner and store this certificate instead of the standard certificate of BusinessMail X.400 service for this AS2 ID within your AS2 application.



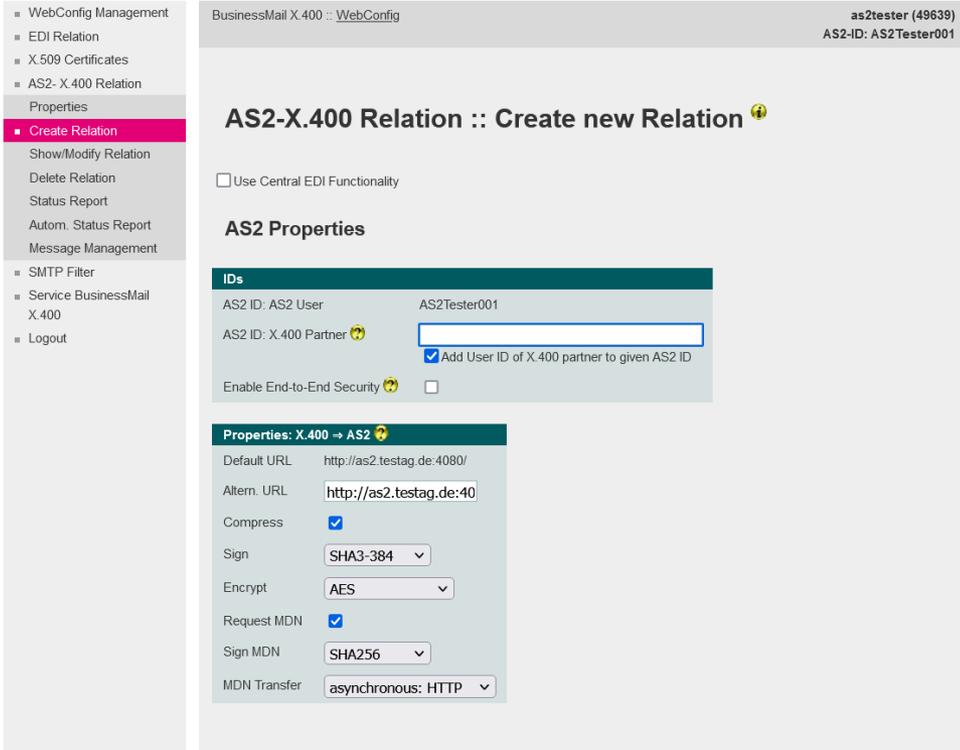
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create a new Relation (3)

Erleben, was verbindet. 



The screenshot shows the 'AS2-X.400 Relation :: Create new Relation' configuration page. The left sidebar contains a navigation menu with options like 'WebConfig Management', 'EDI Relation', 'X.509 Certificates', 'AS2- X.400 Relation', and 'Properties'. The main content area is titled 'AS2-X.400 Relation :: Create new Relation' and includes a checkbox for 'Use Central EDI Functionality'. Below this is the 'AS2 Properties' section, which contains an 'IDs' table with fields for 'AS2 ID: AS2 User' (AS2Tester001) and 'AS2 ID: X.400 Partner' (an empty input field). A checkbox 'Add User ID of X.400 partner to given AS2 ID' is checked. There is also an 'Enable End-to-End Security' checkbox which is unchecked. The 'Properties: X.400 → AS2' section includes fields for 'Default URL', 'Altern. URL', 'Compress' (checked), 'Sign' (SHA3-384), 'Encrypt' (AES), 'Request MDN' (checked), 'Sign MDN' (SHA256), and 'MDN Transfer' (asynchronous: HTTP).

- If you enabled the End-to-End security, you are not able to choose a value for the menu item “Sign” because now the X.400 partner must sign the content and not the AS2 gateway. Also, the menu item “Sign MDN” is inactive, because the AS2 gateway can not sign a MDN in such a case.
- The menu item “Encrypt” is still active and based on its value, the AS2 gateway will encrypt the content, if the X.400 partner did not already encrypt it.

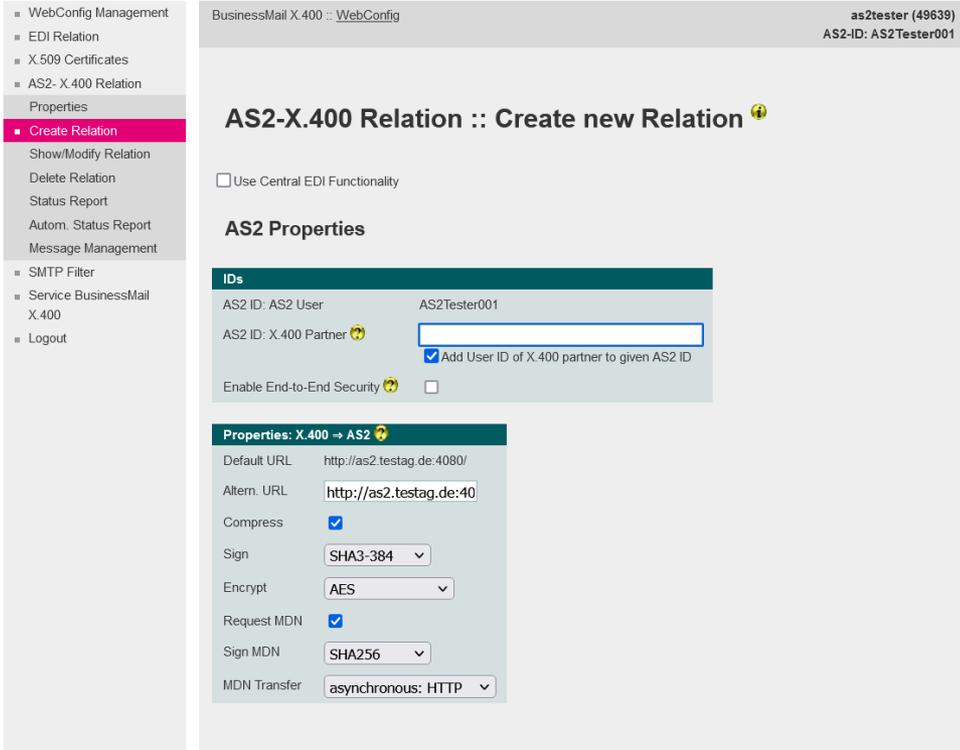


BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create a new Relation (4)

Erleben, was verbindet. 



BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Create new Relation

Use Central EDI Functionality

AS2 Properties

IDs

AS2 ID: AS2 User AS2Tester001

AS2 ID: X.400 Partner

Add User ID of X.400 partner to given AS2 ID

Enable End-to-End Security 

Properties: X.400 -> AS2

Default URL

Altern. URL

Compress

Sign

Encrypt

Request MDN

Sign MDN

MDN Transfer

- In section Properties X.400 – AS2 you must configure, whether the AS2 gateway should send compressed, encrypted and signed documents within this relation. You also must configure, whether the AS2 gateway should request a MDN or not and the type of MDN (define the signature algorithm).
- It is possible to configure an alternative URL for this relation (for example for test purposes or if you need load sharing). Please contact the Helpdesk to configure this feature.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create a new Relation (5)

X.400 Partner

User Identification

User ID

X.400 Address

general

SMTP Address

Country (c) ADMID (a) PRMD (p)

X.121 (x121)

UA ID (n-id)

Commonname (cn)

Given name (g) Surname (s)

Generation (q) Initials (i)

Organization (o)

Org Unit 1 (ou1) Org Unit 2 (ou2)

Org Unit 3 (ou3) Org Unit 4 (ou4)

Domain defined Attributes (dda)

Type Value

Type Value

Type Value

Type Value

X.400 Properties

- In section “X.400 Partner” you may add the User ID (MailBox X.400 user or already configured external partner) or the X.400 address of your partner. If you have an external partner, you may use a special address mask. If you enter a value to “User ID”, you will be not able to modify X.400 address elements.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create a new Relation (6)

The screenshot shows the configuration interface for creating a new AS2-X.400 relation. It is divided into two main sections: "Domain defined Attributes (dda)" and "X.400 Properties".

Domain defined Attributes (dda): This section contains four rows, each with a "Type" input field and a "Value" input field.

X.400 Properties: This section is titled "Properties" and contains several configuration options:

- Send requested asynchronous MDN:** A dropdown menu set to "when Message was delivered (DN)".
- Receipt Notification requested in X.400 messages should be:** Radio buttons for "ignored" and "send, if client had sent notification" (which is selected).
- Message Expiration:** A text input field with "1440" and a "Minutes" label.
- X.400 Content Type:** A dropdown menu with "IPM84" and "IPM88" options.
- Bodypart:** A dropdown menu with options: "IA5 Text", "Bilateral (Bodypart 14)", "ISO Latin 1", and "Depends on context (variable)".
- Encode binary data:** A dropdown menu with "binary" and "base64" options.
- Comment:** A text input field.

At the bottom of the "X.400 Properties" section, there are "Ok" and "Cancel" buttons.

- In section „X.400 Properties“ you must define, at which time a requested asynchronous Message Disposition Notification (MDN) should be sent
 - immediately,
 - after submission of X.400 message,
 - when X.400 Notification has arrived → Delivery Notification (DN) or Receipt Notification (RN), a requested RN should be sent based on MDN, the format of X.400 message
 - expiration of message,
 - the type of X.400 message,
 - the mapping of AS2 content to X.400 body part
 - and the encoding of binary data.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create a new Relation (7)

The screenshot displays the 'X.400 Properties' dialog box in the BusinessMail X.400 Web Interface AS2. The dialog is divided into two main sections: 'Domain defined Attributes (dda)' and 'X.400 Properties'.

Domain defined Attributes (dda): This section contains four rows, each with a 'Type' input field and a 'Value' input field.

X.400 Properties: This section is titled 'Properties' and contains several configuration options:

- Send requested asynchronous MDN:** A dropdown menu set to 'when Message was delivered (DN)'.
- Receipt Notification requested in X.400 messages should be:** Radio buttons for 'ignored' (unselected) and 'send, if client had sent notification' (selected).
- Message Expiration:** A text input field containing '1440' followed by 'Minutes'.
- X.400 Content Type:** A dropdown menu with 'IPM84' selected and 'IPM88' visible below it.
- Bodypart:** A dropdown menu with 'IA5 Text Bilateral (Bodypart 14)' selected and 'Depends on context (variable)' visible below it.
- Encode binary data:** A dropdown menu with 'binary' selected and 'base64' visible below it.
- Comment:** A text input field.

At the bottom of the dialog are 'Ok' and 'Cancel' buttons.

- You may add a comment with a maximum length of 64 characters to this relation entry. The content of this comment will be used by filter mechanism within select relation menu (modify, delete).

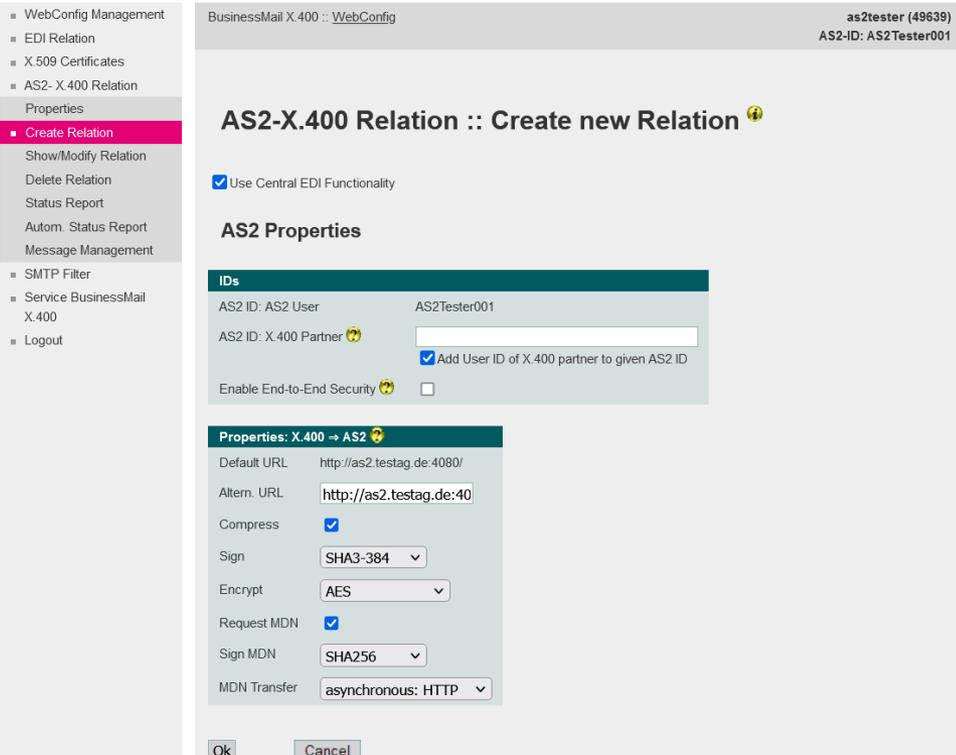


BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create new Relation for EDI (1)

Erleben, was verbindet. 



BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Create new Relation

Use Central EDI Functionality

AS2 Properties

IDs

AS2 ID: AS2 User AS2Tester001

AS2 ID: X.400 Partner

Add User ID of X.400 partner to given AS2 ID

Enable End-to-End Security 

Properties: X.400 -> AS2 

Default URL

Altern. URL

Compress

Sign

Encrypt

Request MDN

Sign MDN

MDN Transfer

- If central EDI function has been enabled for your AS2 account, you must assign an AS2 ID for this process and create this special relation.
- Enable „Use Central EDI Functionality“ to create this relation.
- The End-to-End security is not possible in conjunction with the central EDI function.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Create new Relation for EDI (2)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Create new Relation

Use Central EDI Functionality

AS2 Properties

IDs

AS2 ID: AS2 User AS2Tester001

AS2 ID: X.400 Partner

Add User ID of X.400 partner to given AS2 ID

Enable End-to-End Security

Properties: X.400 → AS2

Default URL

Altern. URL

Compress

Sign

Encrypt

Request MDN

Sign MDN

MDN Transfer

Ok Cancel

- Equivalent to automatically generated Status Report (see page 62) in this special relation the sections “X.400 Partner” and “X.400 Properties” are not available. The X.400 address of a partner will be defined in the EDI relation and for the parameters of the X.400 Properties the default properties will be used.



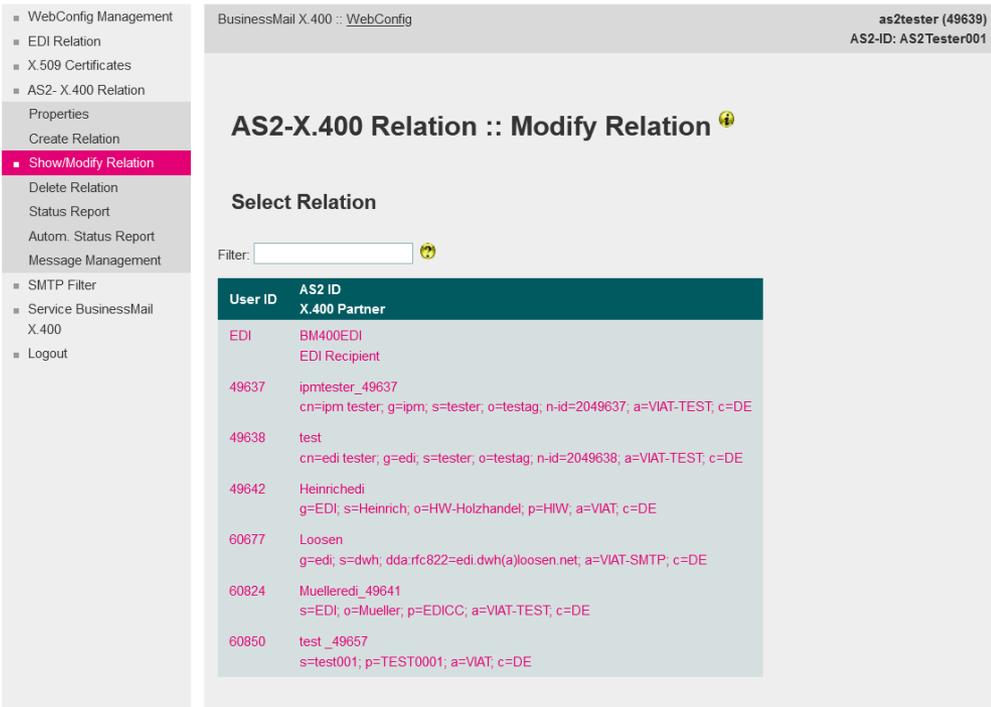
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – List existing Relations

Erleben, was verbindet. 



BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Modify Relation

Select Relation

Filter: 

User ID	AS2 ID	X.400 Partner
EDI	BM400EDI	EDI Recipient
49637	ipmtester_49637	cn=ipm tester, g=ipm, s=tester, o=testag, n-id=2049637, a=VIAT-TEST, c=DE
49638	test	cn=edi tester, g=edi, s=tester, o=testag, n-id=2049638, a=VIAT-TEST, c=DE
49642	Heinrichedi	g=EDI, s=Heinrich, o=HW-Holzhandel, p=HW, a=VIAT, c=DE
60677	Loosen	g=edi, s=dwh, dda:rfc822=edi.dwh(a)loosen.net, a=VIAT-SMTP, c=DE
60824	Muelleredi_49641	s=EDI, o=Mueller, p=EDICC, a=VIAT-TEST, c=DE
60850	test_49657	s=test001, p=TEST0001, a=VIAT, c=DE

- In this menu item you will see all AS2 relations configured for your AS2 account (this example also shows the entry for central EDI function).
- While entering a search string, you may reduce the number of displayed entries. The search mechanism will also consider the comments added to the relation entries.
- Select an AS2 relation via double click of mouse to modify the values.



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BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Modify Relations



BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Modify Relation

Use Central EDI Functionality

AS2 Properties

IDs

AS2 ID: AS2 User AS2Tester001

AS2 ID: X.400 Partner

Enable End-to-End Security

Properties: X.400 → AS2

Default URL

Altern. URL

Compress

Sign

Encrypt

Request MDN

Sign MDN

MDN Transfer

X.400 Partner

- This menu item shows you the configured values (AS2 Properties, X.400 address and X.400 Properties) for this relation and offers the possibility to modify them.



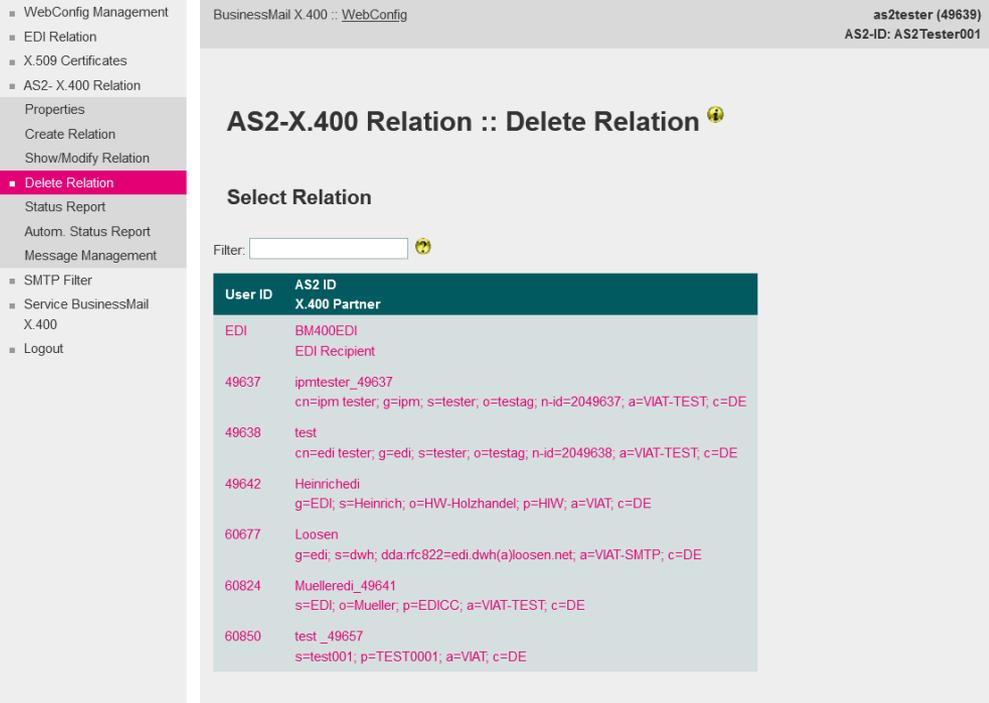
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Delete Relations

Erleben, was verbindet. 



The screenshot shows the BusinessMail X.400 web interface. The left sidebar contains a menu with the following items: WebConfig Management, EDI Relation, X.509 Certificates, AS2- X.400 Relation, Properties, Create Relation, Show/Modify Relation, Delete Relation (highlighted in red), Status Report, Autom. Status Report, Message Management, SMTP Filter, Service BusinessMail X.400, and Logout. The main content area is titled 'AS2-X.400 Relation :: Delete Relation' and includes a 'Select Relation' section with a filter input field. Below the filter is a table of AS2 relations.

User ID	AS2 ID	X.400 Partner
EDI	BM400EDI	EDI Recipient
49637	ipmtester_49637	cn=ipm tester, g=ipm, s=tester, o=testag, n-id=2049637, a=VIAT-TEST, c=DE
49638	test	cn=edi tester, g=edi, s=tester, o=testag, n-id=2049638, a=VIAT-TEST, c=DE
49642	Heinrichedi	g=EDI, s=Heinrich, o=HW-Holzhandel, p=HW, a=VIAT, c=DE
60677	Loosen	g=edi, s=dwh, dda.rfc822=edi.dwh(a)loosen.net, a=VIAT-SMTP, c=DE
60824	Muelleredi_49641	s=EDI, o=Mueller, p=EDICC, a=VIAT-TEST, c=DE
60850	test_49657	s=test001, p=TEST0001, a=VIAT, c=DE

- In this menu item you may delete a configured AS2 relation.
- Select a relation via double click of mouse to delete this entry.
- You must confirm to delete this AS2 relation.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Status Report (1)



BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Request Status Report

Records since (Format: DD-MMM-YYYY hh:mm:ss)

Only failed messages

[Show Status Report](#) [Download CSV file](#)

Filter:

Status Report for UserID 49639; generated 7-Jul-2021 12:31:41
Disposition=All, Direction=Both, Format=History

From: "G=ipm;S=tester;O=testag;A=viaT-test;C=de" <49637@viaT.de>
Order-ID: 64A02KK00KH0V77K
Message-ID: 345 21/07/07
MTS-ID: 7C4D6C7811EBDF1EDC9CA8A2
Received: 7-Jul-2021 12:25:59 +0200
AS2-ID: ipmtester_49637
AS2-Status: bypassed

From: "G=ipm;S=tester;O=testag;A=viaT-test;C=de" <49637@viaT.de>
Order-ID: 74A02KK00KH0V77K
Message-ID: 346 21/07/07
MTS-ID: 8F91062811EBDF1EDC9C4BA3
Received: 7-Jul-2021 12:26:31 +0200
AS2-ID: ipmtester_49637
AS2-Status: bypassed

- In this menu item you may request status information of transactions (sending and receiving messages) stored in Trace_Tab.
- You have the option to view this Status report directly in GUI. You may enter a date to reduce the number of displayed entries. Other options are to choose “Only failed messages” or to enter a search string. The Status report will always show sent and received message entries with format “History”.



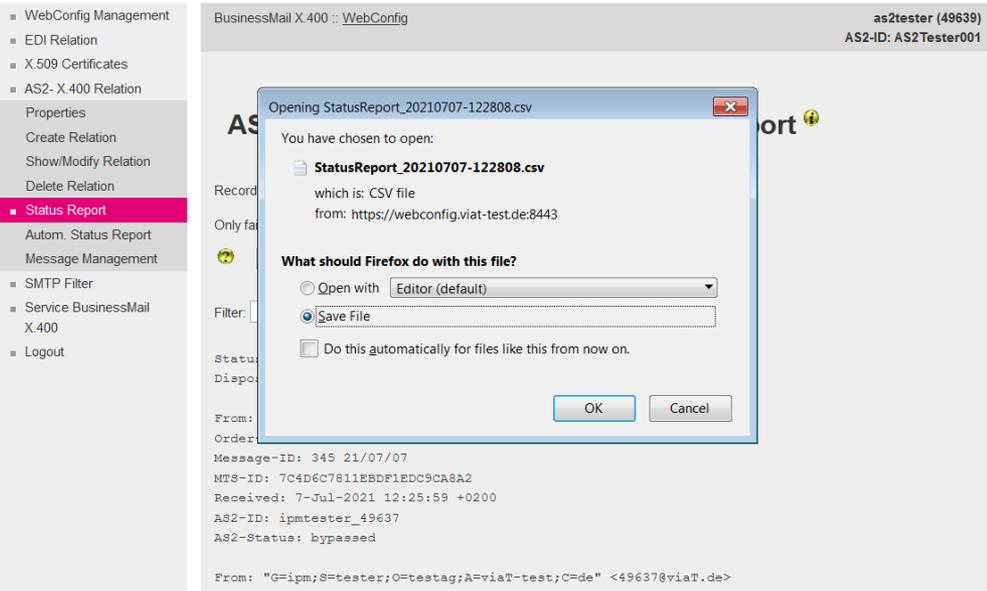
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Status Report (2)

Erleben, was verbindet.



The screenshot shows the BusinessMail X.400 web interface. On the left is a navigation menu with options like 'WebConfig Management', 'EDI Relation', 'X.509 Certificates', 'AS2- X.400 Relation', 'Properties', 'Create Relation', 'Show/Modify Relation', 'Delete Relation', 'Status Report' (highlighted), 'Autom. Status Report', 'Message Management', 'SMTP Filter', 'Service BusinessMail X.400', and 'Logout'. The main content area displays a status report for a message with the following details: Message-ID: 345 21/07/07, MTS-ID: 7C4D6C7811EBDF1EDC9CA8A2, Received: 7-Jul-2021 12:25:59 +0200, AS2-ID: ipmtester_49637, AS2-Status: bypassed, and From: "G=ipm;S=tester;O=testag;A=viaT-test;C=de" <49637@viaT.de>. A dialog box titled 'Opening StatusReport_20210707-122808.csv' is overlaid on the report, showing the file name, its type as a CSV file, and its source URL. The dialog asks 'What should Firefox do with this file?' and offers three options: 'Open with Editor (default)', 'Save File' (selected), and 'Do this automatically for files like this from now on.' 'OK' and 'Cancel' buttons are at the bottom of the dialog.

- If you want to download the Status report, you may add a date or choose the option “Only failed messages” to reduce the number of entries added to file. You may download the CSV file into your environment or open it directly. There will be entries for sent and received messages in Status report with format “History”.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Automatically generated Status Report (1)



The screenshot shows the 'AS2-X.400 Relation :: Automatically generated Status Report' configuration page in the BusinessMail X.400 WebConfig interface. The page is titled 'BusinessMail X.400 :: WebConfig' and shows the user 'as2tester (49639)' with 'AS2-ID: AS2Tester001'. The main heading is 'AS2-X.400 Relation :: Automatically generated Status Report'. A checkbox 'Enable automatically generated Status Report' is checked. Under 'AS2 Properties', there are two ID fields: 'AS2 ID: AS2 User' with value 'AS2Tester001' and 'AS2 ID: Status Report' with value 'BMX400_Status'. Below this, 'Properties: X.400 -> AS2' are configured: 'Default URL' is 'http://as2.testag.de:4080/', 'Altern. URL' is 'http://as2.testag.de:40', 'Compress' is checked, 'Sign' is set to 'SHA3-384', and 'Encrypt' is set to 'AES'. At the bottom, 'Automatically generated Status Report' properties include 'Only failed messages' (unchecked) and 'Days of the week' with 'Monday' selected.

- In this menu item you may configure that Status reports will be delivered to your AS2 application. But you must assign an AS2 ID for this delivery and must define whether the report should be sent compressed, encrypted or signed. A MDN will not be requested. As soon as the schedule is configured, you may start the automatically Status report while activating the option “Enable automatically generated Status Report”.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Automatically generated Status Report (2)

The screenshot displays the configuration window for an AS2- X.400 Relation. The top section, titled 'Properties: X.400 => AS2', includes fields for 'Default URL' (http://as2.testag.de:4080/), 'Altern. URL' (http://as2.testag.de:4080/), 'Compress' (checked), 'Sign' (SHA384), and 'Encrypt' (AES). Below this is the 'Automatically generated Status Report' section, which has its own 'Properties' sub-section. This sub-section includes a checkbox for 'Only failed messages' (unchecked), a list of days of the week (Monday through Sunday, all checked), 'Daily start date' (0:00), 'Daily end date' (24:00), 'Schedule' (30 Minutes), 'Disposition' (All), 'Direction' (Both), and 'Format' (Actual). 'Ok' and 'Cancel' buttons are at the bottom.

- You must define in the section „Automatically generated Status Report“ the schedule (day of week, daily start and end date, schedule with minimum of 30 Minutes), the criteria to select the entries (only when status changed or all, only sent, only received or both directions) and the format of the entries (Actual, History, CSV-S or CSV-C). While enabling the option “Only failed messages” you may reduce the number of entries in the report.



BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Message Management (1)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Message Management

Records since: (Format: DD-MMM-YYYY hh:mm:ss)

Records till: (Format: DD-MMM-YYYY hh:mm:ss)

Show Messages

Filter:

Time	Message	Status	Download	Action items
07.07.2021 12:25:59	64A02KK00KH0V77K	bypassed		Send RN resend delete
07.07.2021 12:26:31	74A02K			resend delete

From: "G=ipm;S=tester;O=testag;A=viaT-test;C=de" 49637@viaT.de
Order-ID: 64A02KK00KH0V77K
Message-ID: 345 21/07/07
MTS-ID: 7C4D6C7811EBDF1EDC9CA8A2
Content-Type: multipart/mixed;
boundary="MG_=_7C4D6C7811EBDF1EDC9CA8A2_=_MG"
Received: 7-Jul-2021 12:25:59 +0200
AS2-ID: ipmtester_49637
AS2-Status: bypassed

- By default, the AS2 gateway will show in the Message Management those messages it was not able to deliver via AS2 (for example because of time out or missing AS2/EDI trading relation) or if the option “Enable AS2 Bypass” is active.
- You may download the user data of all provided message entries and resend or delete those messages based on provide Action items.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Message Management (2)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Message Management

Records since: (Format: DD-MMM-YYYY hh:mm:ss)

Records till: (Format: DD-MMM-YYYY hh:mm:ss)

Show Messages

Filter:

Time	Message	Status	Download	Action items
07.07.2021 12:25:59	64A02KK00KH0V77K	bypassed		Send RN resend delete
07.07.2021 12:26:31	74A02K			resend delete

From: "G=ipm;S=tester;O=testag;A=viaT-test;C=de" 49637@viaT.de
Order-ID: 64A02KK00KH0V77K
Message-ID: 345 21/07/07
MTS-ID: 7C4D6C7811EBDF1EDC9CA8A2
Content-Type: multipart/mixed;
boundary="MG_=_7C4D6C7811EBDF1EDC9CA8A2_=_MG"
Received: 7-Jul-2021 12:25:59 +0200
AS2-ID: ipmtester_49637
AS2-Status: bypassed

- By default, the Message Management will not offer the option “resend” for entries where there is no Trading Relation entry in the Database (AS2 or EDI) or if the message has an invalid content.
- If you move the mouse to an entry, you will get more details of this message (data provided in Status report entry + content information).



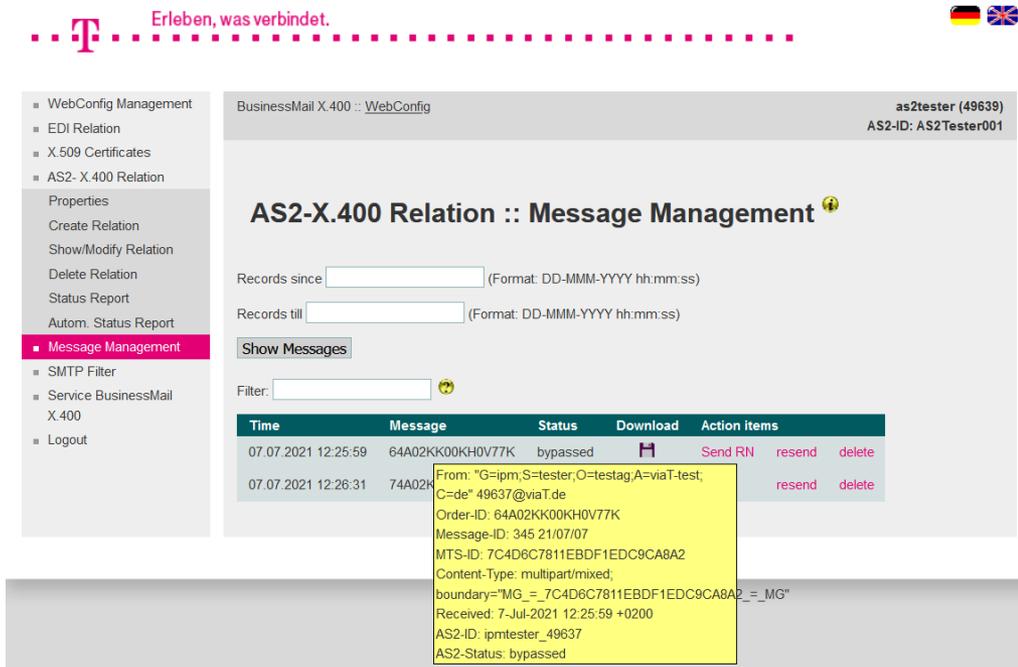
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Message Management (3)

Erleben, was verbindet.



BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Message Management

Records since: (Format: DD-MMM-YYYY hh:mm:ss)

Records till: (Format: DD-MMM-YYYY hh:mm:ss)

Show Messages

Filter:

Time	Message	Status	Download	Action items
07.07.2021 12:25:59	64A02KK00KH0V77K	bypassed		Send RN resend delete
07.07.2021 12:26:31	74A02K			resend delete

From: "G=ipm;S=tester;O=testag;A=viaT-test;C=de" 49637@viaT.de
Order-ID: 64A02KK00KH0V77K
Message-ID: 345 21/07/07
MTS-ID: 7C4D6C7811EBDF1EDC9CA8A2
Content-Type: multipart/mixed;
boundary="MG_=_7C4D6C7811EBDF1EDC9CA8A2_=_MG"
Received: 7-Jul-2021 12:25:59 +0200
AS2-ID: ipmtester_49637
AS2-Status: bypassed

- If you had downloaded the user data of a message manually, you may send a Receipt Notification if your partner requested it.
- If your partner did not request a RN, you will not see this action item.
- If you had sent a RN in Message Management, the AS2 gateway will close the transaction and you are not able to resend the message via AS2.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

AS2- X.400 Relation – Message Management (4)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

AS2-X.400 Relation :: Message Management

Records since: (Format: DD-MMM-YYYY hh:mm:ss)

Records till: (Format: DD-MMM-YYYY hh:mm:ss)

Show Messages

Filter:

Time	Message	Status	Download	Action items
07.07.2021 12:25:59	64A02KK00KH0V77K	bypassed		Send RN resend delete
07.07.2021 12:26:31	74A02K			resend delete

From: "G=ipm;S=tester;O=testag;A=viaT-test;C=de" 49637@viaT.de
Order-ID: 64A02KK00KH0V77K
Message-ID: 345 21/07/07
MTS-ID: 7C4D6C7811EBDF1EDC9CA8A2
Content-Type: multipart/mixed;
boundary="MG_=_7C4D6C7811EBDF1EDC9CA8A2_=_MG"
Received: 7-Jul-2021 12:25:59 +0200
AS2-ID: ipmtester_49637
AS2-Status: bypassed

- If you delete a message and your partner has requested a Non-Receipt Notification, you will be asked whether to send this NRN or not.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter



The screenshot shows the BusinessMail X.400 web interface. At the top left is the logo 'T' with the tagline 'Erleben, was verbindet.' and a dotted line. To the right are German and UK flags. The main content area is titled 'BusinessMail X.400 :: WebConfig' and shows the user 'as2tester (49639)' with 'AS2-ID: AS2Tester001'. A left-hand menu is visible with the following items: WebConfig Management, EDI Relation, X.509 Certificates, AS2- X.400 Relation, SMTP Filter (highlighted in red), Status, Create Filter, Show/modify Filter, Delete Filter, Service BusinessMail X.400, and Logout. The main content area displays 'SMTP Filter' with a yellow warning icon.

- In this main menu item, you have the option to define, whether messages send by Internet mail user will be delivered to your AS2 account.
- If you do not have any Trading Partner using Internet mail, we recommend to set the status “Disabled”.



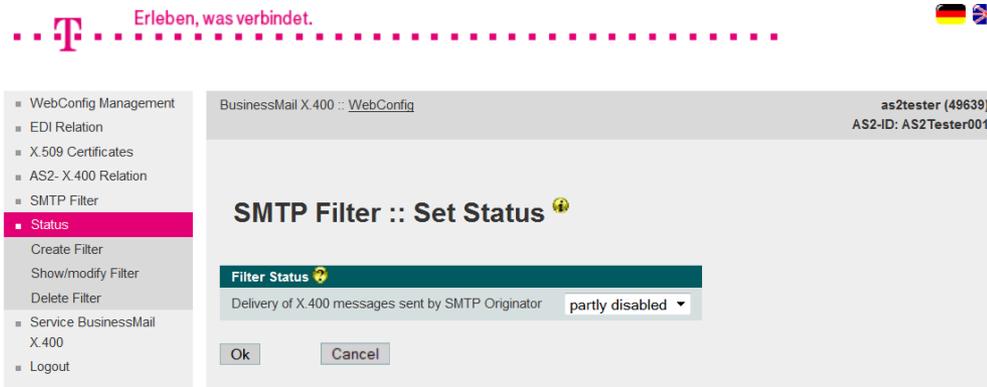
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter – Status

Erleben, was verbindet.



The screenshot shows the BusinessMail X.400 Web Interface. The top navigation bar includes the logo and the slogan "Erleben, was verbindet." along with German and UK flags. The main content area is titled "SMTP Filter :: Set Status" and displays the current status of the filter as "partly disabled". The interface includes a sidebar menu with options like "WebConfig Management", "EDI Relation", "X.509 Certificates", "AS2- X.400 Relation", "SMTP Filter", and "Status". The "Status" option is currently selected. The main area also shows the user "as2tester (49639)" and the "AS2-ID: AS2Tester001".

- You may configure whether the delivery of Internet mail is:
 - enabled (deliver all)
 - partly disabled (allowed only for configured partners)
 - verify also the X.400 address in configured relation
RFC-822= x.x(a)x.x
 - disabled (do not deliver mails)



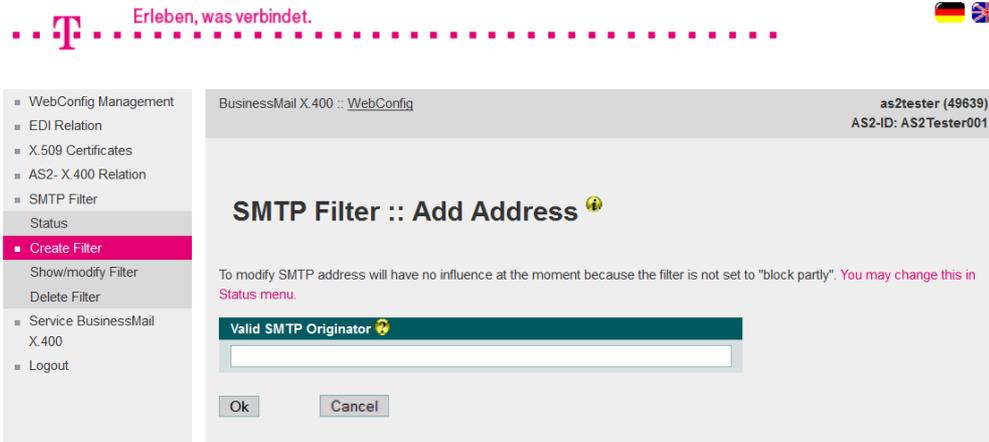
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter – Create Filter Rule

Erleben, was verbindet.



The screenshot shows the BusinessMail X.400 Web Interface. The top navigation bar includes the logo and the slogan "Erleben, was verbindet." along with German and UK flags. The left sidebar contains a menu with items: WebConfig Management, EDI Relation, X.509 Certificates, AS2- X.400 Relation, SMTP Filter (with sub-items Status and Create Filter), Show/modify Filter, Delete Filter, Service BusinessMail X.400, and Logout. The main content area is titled "BusinessMail X.400 :: WebConfig" and shows the user "as2tester (49639)" with "AS2-ID: AS2Tester001". The "SMTP Filter :: Add Address" dialog box is open, displaying a warning icon and the text: "Valid SMTP Originator" above an empty input field. Below the input field are "Ok" and "Cancel" buttons. A note at the top of the dialog states: "To modify SMTP address will have no influence at the moment because the filter is not set to 'block partly'. You may change this in Status menu."

- In this menu item you may configure a filter rule (SMTP address or part of it). The status must be set to “partly disabled” to enable this rule. Please use “@” in the complete SMTP address and not the “(a)” replacement used in the X.400 address!



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter – List Filter Rules (1)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

SMTP Filter :: Modify Address

To modify SMTP address will have no influence at the moment because the filter is not set to "block partly". You may change this in Status menu.

Select SMTP Originator

Filter:

SMTP Originator

- loosen.net
- test.edi@t-online.de

- In this menu item you will see all filter rules configured for your AS2 account.
- While entering a search string you may reduce the number of displayed entries.



BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter – List Filter Rules (2)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

SMTP Filter :: Modify Address

To modify SMTP address will have no influence at the moment because the filter is not set to "block partly". You may change this in Status menu.

Select SMTP Originator

Filter:

SMTP Originator

- loosen.net
- test.edi@t-online.de

- If the status is not “partly disabled“, you will see an information that the rules will not be used.

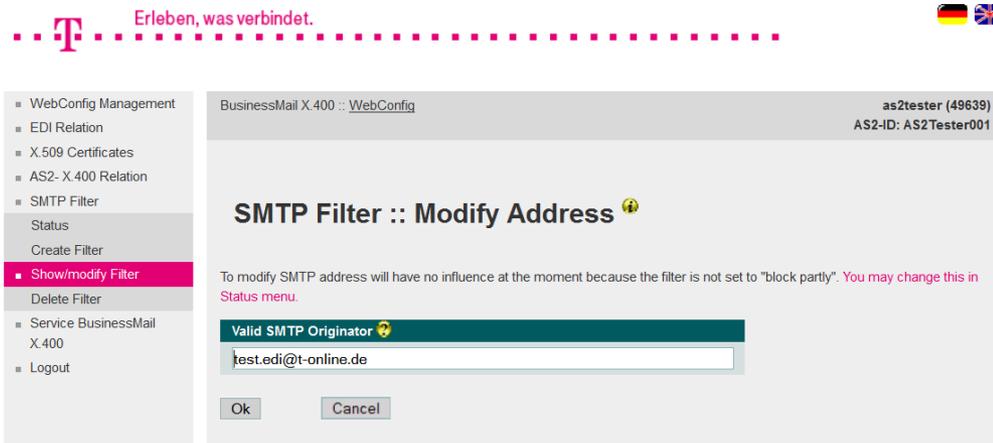


BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter – Modify Filter Rule (1)

Erleben, was verbindet.



BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

SMTP Filter :: Modify Address

To modify SMTP address will have no influence at the moment because the filter is not set to "block partly". You may change this in [Status menu](#).

Valid SMTP Originator

test.edi@t-online.de

Ok Cancel

- In this menu item you have the possibility to modify a filter rule.
- This example shows the complete SMTP address of trading partner.
- The filter rule will not be used, because the status is not “partly disabled”.

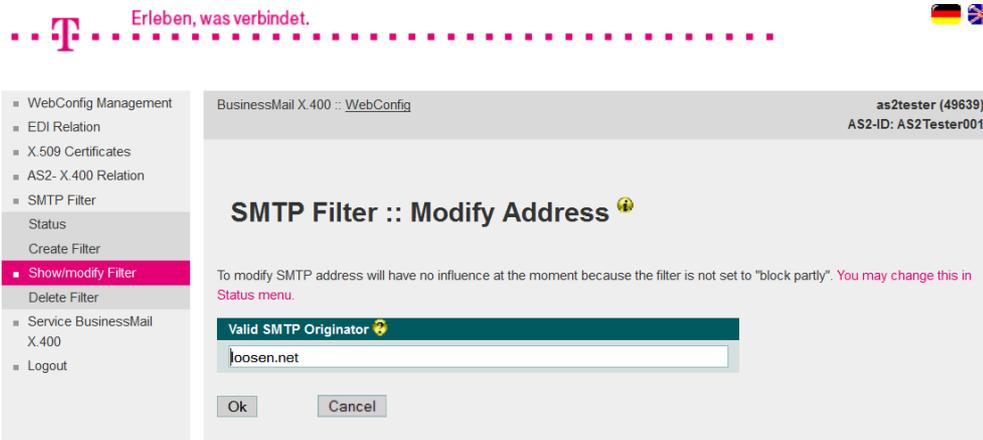


BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter – Modify Filter Rule (2)

Erleben, was verbindet.



BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

SMTP Filter :: Modify Address

To modify SMTP address will have no influence at the moment because the filter is not set to "block partly". You may change this in Status menu.

Valid SMTP Originator

Ok Cancel

- This example shows only a partial address, so all users of this domain will be able to send mails to your AS2 account.

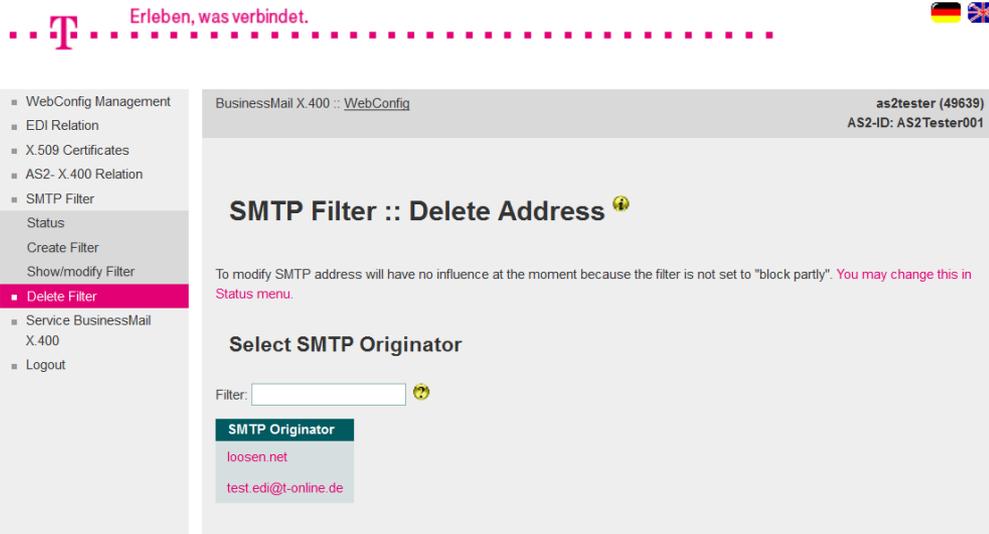


BUSINESSMAIL X.400

WEB INTERFACE AS2

SMTP Filter – Delete Filter Rule

Erleben, was verbindet.



The screenshot shows the BusinessMail X.400 web interface. On the left is a navigation menu with the following items: WebConfig Management, EDI Relation, X.509 Certificates, AS2- X.400 Relation, SMTP Filter (highlighted), Status, Create Filter, Show/modify Filter, Delete Filter (highlighted in red), Service BusinessMail X.400, and Logout. The main content area is titled 'BusinessMail X.400 :: WebConfig' and shows the user 'as2tester (49639)' with 'AS2-ID: AS2Tester001'. The main heading is 'SMTP Filter :: Delete Address' with a warning icon. Below this is a note: 'To modify SMTP address will have no influence at the moment because the filter is not set to "block partly". You may change this in Status menu.' The next section is 'Select SMTP Originator' with a 'Filter:' input field and a warning icon. Below the input field is a list of SMTP Originators: 'loosen.net' and 'test.edi@t-online.de'.

- In this menu item you may delete a configured filter rule.
- Select a filter rule via double click of mouse to delete this entry.
- You must confirm to delete this filter rule.



BUSINESSMAIL X.400

WEB INTERFACE AS2

Service BusinessMail X.400



- In this main menu item, you will find information about the system status and other information about the BusinessMail X.400 service (Link to URL „<https://www.service-viat.de>“). You also have the possibility to manage Email addresses to receive technical information (Access Info, TecInfo, Trouble Info). Those Emails will contain current and important technical information about the BusinessMail X.400 service you should depending on type of Email provide to operation staff and/or to the person in charge of your application.



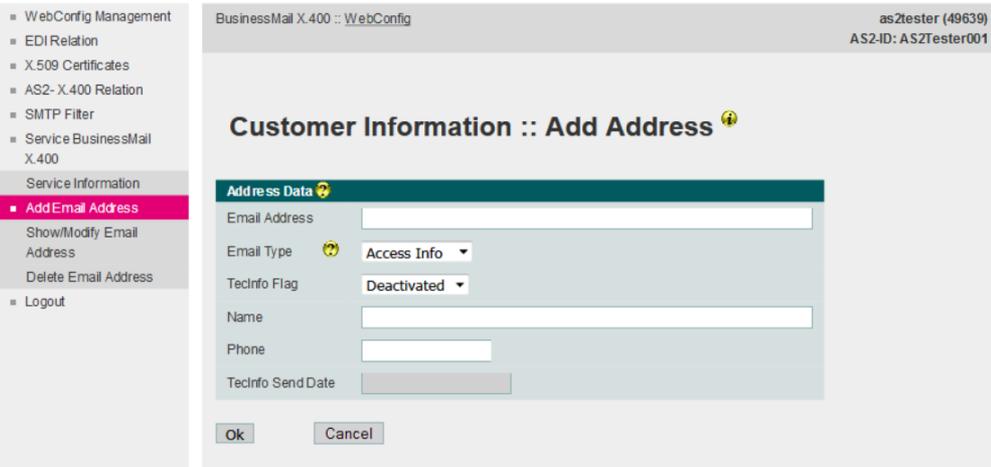
ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400

WEB INTERFACE AS2

Service BusinessMail X.400 – Add Email Address (1)

Erleben, was verbindet. 



The screenshot shows the 'Customer Information :: Add Address' form in the BusinessMail X.400 web interface. The form is titled 'Address Data' and contains the following fields:

- Email Address:
- Email Type: (dropdown menu)
- TecInfo Flag: (dropdown menu)
- Name:
- Phone:
- TecInfo Send Date:

Buttons:

- In this menu item you may add beneath other contact information (Name, phone number) an Email address to receive information (either Access Info or TecInfo or Trouble Info). By default, the TecInfo address is not enabled to receive a TecInfo (the other two are always enabled). You may enable it directly or later in menu item Show/Modify. Please make sure that your Email service will deliver all Emails send with the originator address info@service-viat.de into this mailbox.



BUSINESSMAIL X.400

WEB INTERFACE AS2

Service BusinessMail X.400 – Add Email Address (2)

Erleben, was verbindet.

as2tester (49639)
AS2-ID: AS2Tester001

Customer Information :: Add Address

Address Data

Email Address

Email Type

TecInfo Flag

Name

Phone

TecInfo Send Date

Ok Cancel

- If you own several X.400 accounts, you should configure Info Email addresses only in one of them. WebConfig does check that there is no duplicate address within this account but not within whole DB. So, if an Email address is configured several times in different accounts WebConfig will send a correspondent number of Info messages to this Email address.

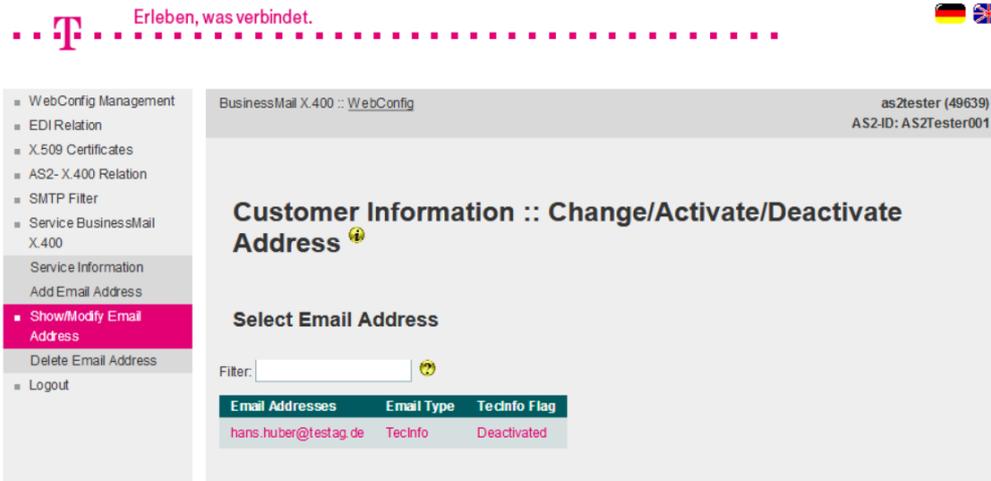


BUSINESSMAIL X.400

WEB INTERFACE AS2

Service BusinessMail X.400 – Modify Email Address (1)

Erleben, was verbindet.



BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

Customer Information :: Change/Activate/Deactivate Address

Select Email Address

Filter:

Email Addresses	Email Type	TecInfo Flag
hans.huber@testag.de	TecInfo	Deactivated

- In this menu item you will see all configured Email addresses, the type and the status (TecInfo) of those addresses.
- Select an address via double click of mouse to view or modify this entry.



BUSINESSMAIL X.400

WEB INTERFACE AS2

Service BusinessMail X.400 – Modify Email Address (2)

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig as2tester (49639)
AS2-ID: AS2Tester001

Customer Information :: Change/Activate/Deactivate Address

Select Email Address

Filter:

Email Addresses	Email Type	TecInfo Flag
hans.huber@testag.de	TecInfo	Deactivated

- In this menu item you may modify the contact information, an existing Email address, the type or in case of TecInfo enable/disable this address.
- “Send Date” will provide you the creation date of the last TecInfo send to this Email address.



BUSINESSMAIL X.400

WEB INTERFACE AS2

Service BusinessMail X.400 – Delete Email Address

Erleben, was verbindet.

BusinessMail X.400 :: WebConfig

as2tester (49639)
AS2-ID: AS2Tester001

Customer Information :: Delete Address

Select Email Address

Filter:

Email Addresses	Email Type	Techno Flag
hans.huber@testag.de	Techno	Deactivated

- In this menu item you may delete an existing Email address.
- Select an address via double click of mouse to delete this entry.
- You must confirm to delete this Email address.



ERLEBEN, WAS VERBINDET.

BUSINESSMAIL X.400
THANK YOU!



ERLEBEN, WAS VERBINDET.