



Manual Go-secure X.400 gateway

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1. Introduction

1.1 EDI and Internet

The Internet is a stable alternative for X.400. Authentication, security and reliability are no longer issues. Messages in various formats (XML, EDIFACT, ANSI X.12 etc.) can be transmitted via the Internet without difficulties.

Extensive information about EDI and the Internet is available on the InterCommIT website:
<http://www.intercommit.nl>.

1.2 Go-secure

Go-secure is the safe and reliable solution to exchange messages via the Internet. Go-secure offers full functionality of the traditional X.400/EDI networks and is easily built in with existing software. The transmission of information is nearly real-time. When the receiving party is unavailable the information will be stored safely until the application is online again. Thus information does not disappear.

Go-secure provides end-to-end monitoring and guaranteed delivery times of the messages transported. All information is encrypted and the authenticity of business partners is ensured. Go-secure allows for secluded user groups to be used and for messages to be archived centrally.

1.3 Get started with Go-secure

It is easy to start the Go-secure service. You only need the following components:

- Internet access
- EDICON Connect software;
- A digital certificate.

InterCommIT is supplier of the EDICON Connect software. On request a digital certificate can also be delivered.

Please contact InterCommIT for more details:

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2. X.400 Gateway

2.1 Gateway service

The X.400 gateway enables Go-secure users to exchange messages with users of X.400 networks such as KPN or IBM. With a X.400 gateway Go-secure users can send messages to X.400 postal boxes and receive messages from a X.400 postal box.

The receipt of messages on the X.400 gateway is confirmed to the sender with a receipt and delivery notifications. Go-secure users always receive both notifications. X.400 users receive the notifications when this is requested upon dispatch.

2.2 Applying for the X.400 gateway

Using the gateway is simple. Apart from an active Go-secure connection no additional software is required. Users need to apply for using the X.400 gateway by email to InterCommIT prior to exchanging messages. The e-mail can be sent to: servicedesk@intercommit.nl. In the subject header the following needs to be mentioned: "Add to X.400 gateway:" followed by the Go-secure mail address.

Example: Add to the X.400 gateway: edipostbox@yourcompany.nl

The application will be confirmed by the InterCommIT service desk by sending a return mail.

3. Address conversion Go-secure – X.400

3.1 Address in Go-secure format

The Go-secure X.400 gateway supports the standard Go-secure addresses in the Internet e-mail way.

Example: p.smith@hydra.com

3.2 Address in X.400 format

The Go-secure X.400 gateway supports the following X.400 address fields:

Field Name	Abbreviation of field name	Example
Country	C	C=NL
Administrative Domain	A	A=NET400
Private Domain	P	P=EDI
Organization	O	O=HYDRA
Organizational units (max. 4)	OU	OU=PURCAHSING
Surname	S	S=SMITH
GivenName	G	G=P
CommonName	CN	CN=HYSMIT
Generation Qualifier	GQ	GQ=SR
DomainDefinedAttribute	DDA=KEY=VALUE	DDA=TEL=0123456789

3.3 Sending a message from Go-secure to X.400

To send a message from Go-secure to a X.400 address the points hereafter need to be applied:

- The field name abbreviation as detailed in 3.2 are used in front of the X.400 address fields;
- The full X.400 address is mentioned before the '@' sign;
- The complete X.400 address is between quotation marks ("");
- X.400 address fields are preceded by a slash (/);
- All messages intended for the X.400 gateway are send to the domain "epsnet.go-secure.nl".

Example:

X.400 address:
COUNTRY=NL, ADMD=400NET, PRMD=EDI, ORGANISATION=HYDRA, SURNAME=SMITH
Is the following Go-secure address:

3.4 Sending a message from X.400 to Go-secure

To submit a message from an X.400 address to a Go-secure address the following rules apply:

- The X.400 address fields following need to be filled out with set values:
COUNTRY=NL, ADMD=400NET, PRMD=EPS-NET, ORGANISATION=GOS, DDATYPE=rfc-822
- The Go-secure postal box address needs to be inserted in the X.400 DDA characteristic;
- The "@" sign in the Go-secure address is replaced by (a).

Example:

Go-secure address: p.smith@hydra.com

Needs to be addressed in X.400 as below:

COUNTRY=NL, ADMD=400NET, PRMD=EPS-NET, ORGANISATION=GOS, DDATYPE=rfc-822, DDAVALUE=p.smith(a)hydra.com