![Deltagon]

Confidential e-mail in University of Lapland

University of Lapland uses Deltagon Sec@GW software to protect e-mail confidentiality. With D-Envelope application receiving messages does not require installations on workstations. D-Envelope transforms the e-mail message to be readable in www browser, saves the encrypted e-mail temporarily and sends a notification message to the receiver with a protected link to read the actual message.

Sender determines the protection level used to send a message:

▶ In "Letter" level the message traffic is automatically protected with SSL encryption and the message is locked with Deltagon MessageLock™-technique.

▶ In "Registered letter" level also the receiver is authenticated using SMS authentication. In practice when the receiver opens the message system asks for a PIN code that is simultaneously sent as a text message to receiver's mobile phone.

Notification message

When a confidential e-mail has been sent to you, you will receive a notification message to your e-mail. The actual message opens with a protected browser connection by clicking the link in the notification message.

Luottamuksellinen / Konfidentiellt / Confidential

Aihe / Ämne / Subject
Message subject

Avaa viesti / Öppna meddelandet / Open message

Olet saanut luottamuksellisen viestin. Viesti avataan ja siihen voidaan vastata yläpuolella olevasta linkistä. Yhteys on suojattu TLS-salauksella. Turvallisuussyistä viestin lukemista on rajoitettu ja se voidaan lukea korkeintaan 30 päivän ajan.

Du har fått ett konfidentiellt meddelande. Meddelandet kan öppnas och svaras på från länken ovanför. Förbindelsen är skyddad med TLS-kryptering. Av säkerhetsskäl är läsningen begränsad och meddelandet kan läsas i högst 30 dagar.

You have received a confidential message. The message can be opened and replied to from the link above. The connection is protected with TLS encryption. Due to security reasons reading of the message is limited and can be read for 30 days at most.

SMS authentication

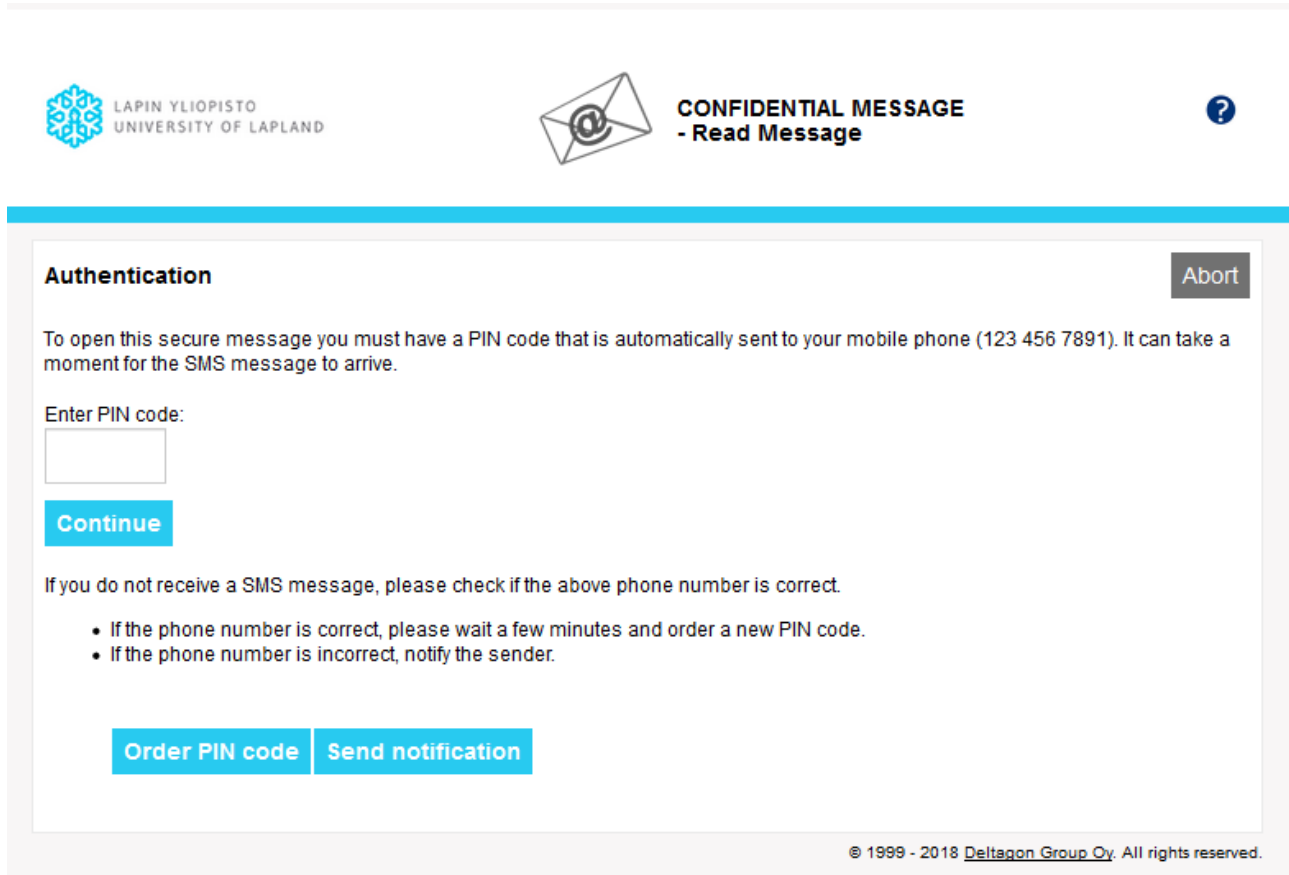If the message is sent in "Registered letter" level, you will need a PIN code to open the actual message. PIN code will be automatically sent to your mobile phone as a text message when you have clicked the link in notification message. After you have received the PIN code, enter it to the field and press "Continue" button.

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**CONFIDENTIAL MESSAGE
- Read Message**

Authentication   Abort

To open this secure message you must have a PIN code that is automatically sent to your mobile phone (123 456 7891). It can take a moment for the SMS message to arrive.

Enter PIN code:

[   ]

Continue

If you do not receive a SMS message, please check if the above phone number is correct.

- If the phone number is correct, please wait a few minutes and order a new PIN code.
- If the phone number is incorrect, notify the sender.

Order PIN code | **Send notification**

In case you don't receive the PIN code to your phone (within a reasonable time); you can order the PIN code again with "Order PIN code" button. If your phone number is incorrect or the authentication failed, inform the sender with "Send notification" function.

Reading message

Message opens as follows:

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CONFIDENTIAL MESSAGE
- Read Message

❓

| Reply | Reply All | Forward | | Delete | Logout |

From	peter@default.com
To	sarah@company.com
Subject	Sales contract
Date	Wed 21.02.2018 14:12:34
Attachments	sales_contract.doc [723.3 KB]

Hello Sarah,

Here is the confidential sales contract we discussed on the phone. Do you agree with the terms?

Best regards,
Peter

For security reasons, this message is readable for a maximum of 30 days.

Message and attachments (zip) ▾ | **Save** | 🖨

Functions:

Reply	Send secure reply
Reply all	Send secure reply to all
Forward	Forward message securely
Question mark	Show instructions
Print	Print message
Save	Save the message to your computer (txt, html, zip, encrypted zip-file or S/MIME encrypted eml). If saving as encrypted zip, fill in desired password to "Password" field. Message can be saved it S/MIME encrypted form only if you have an S/MIME certificate in use.
Delete	Delete message from server immediately
Logout	Store the message in server for a limited time. Reopening of the message requires authentication which can be done by using cookies or password.

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Replying to message

Reply window opens as follows:

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CONFIDENTIAL MESSAGE
- Reply

❓

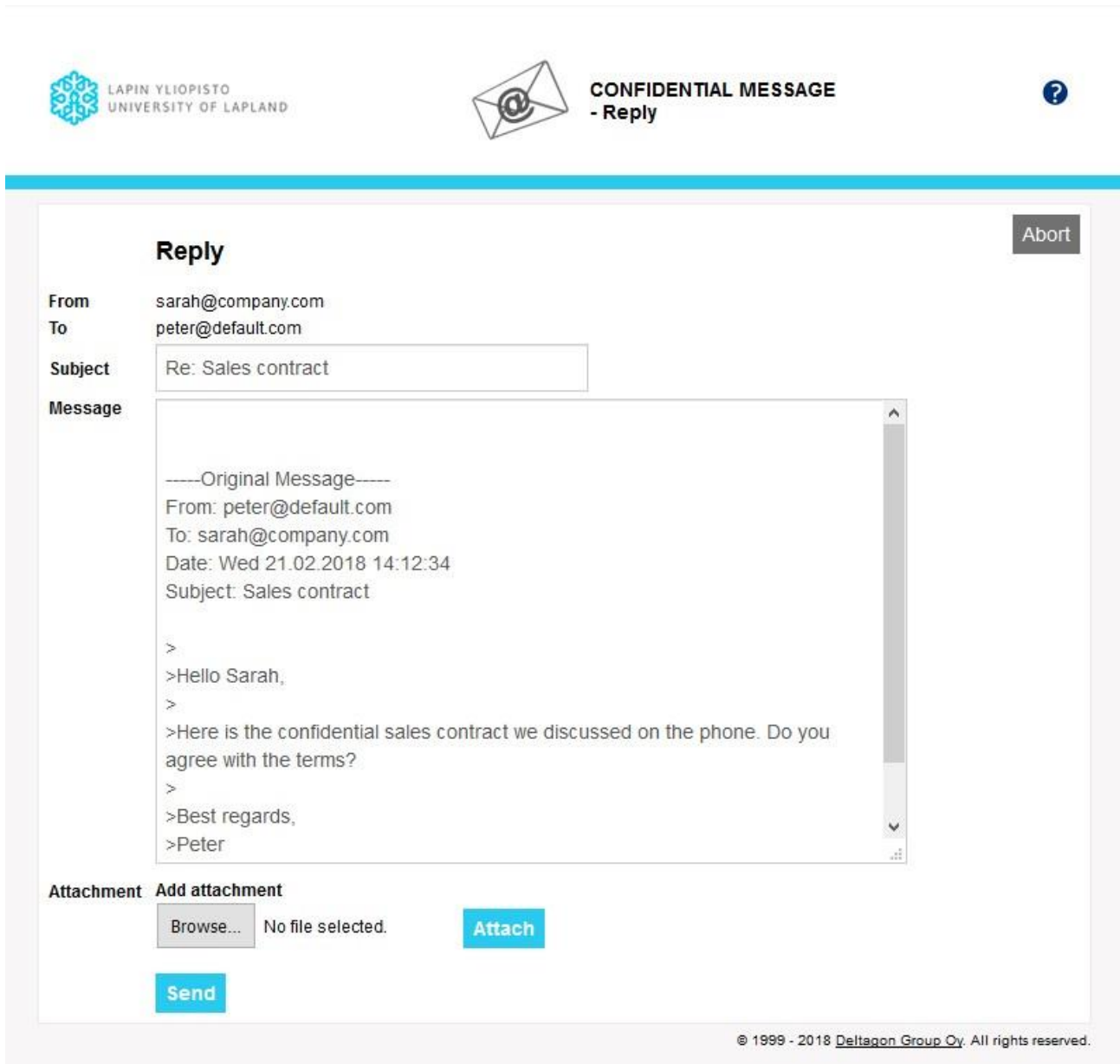**Reply**   Abort

From	sarah@company.com
To	peter@default.com
Subject	Re: Sales contract

Message

```
-----Original Message-----
From: peter@default.com
To: sarah@company.com
Date: Wed 21.02.2018 14:12:34
Subject: Sales contract

>
>Hello Sarah,
>
>Here is the confidential sales contract we discussed on the phone. Do you
agree with the terms?
>
>Best regards,
>Peter
```

Attachment Add attachment

Browse... No file selected.   **Attach**

Send

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Functions:

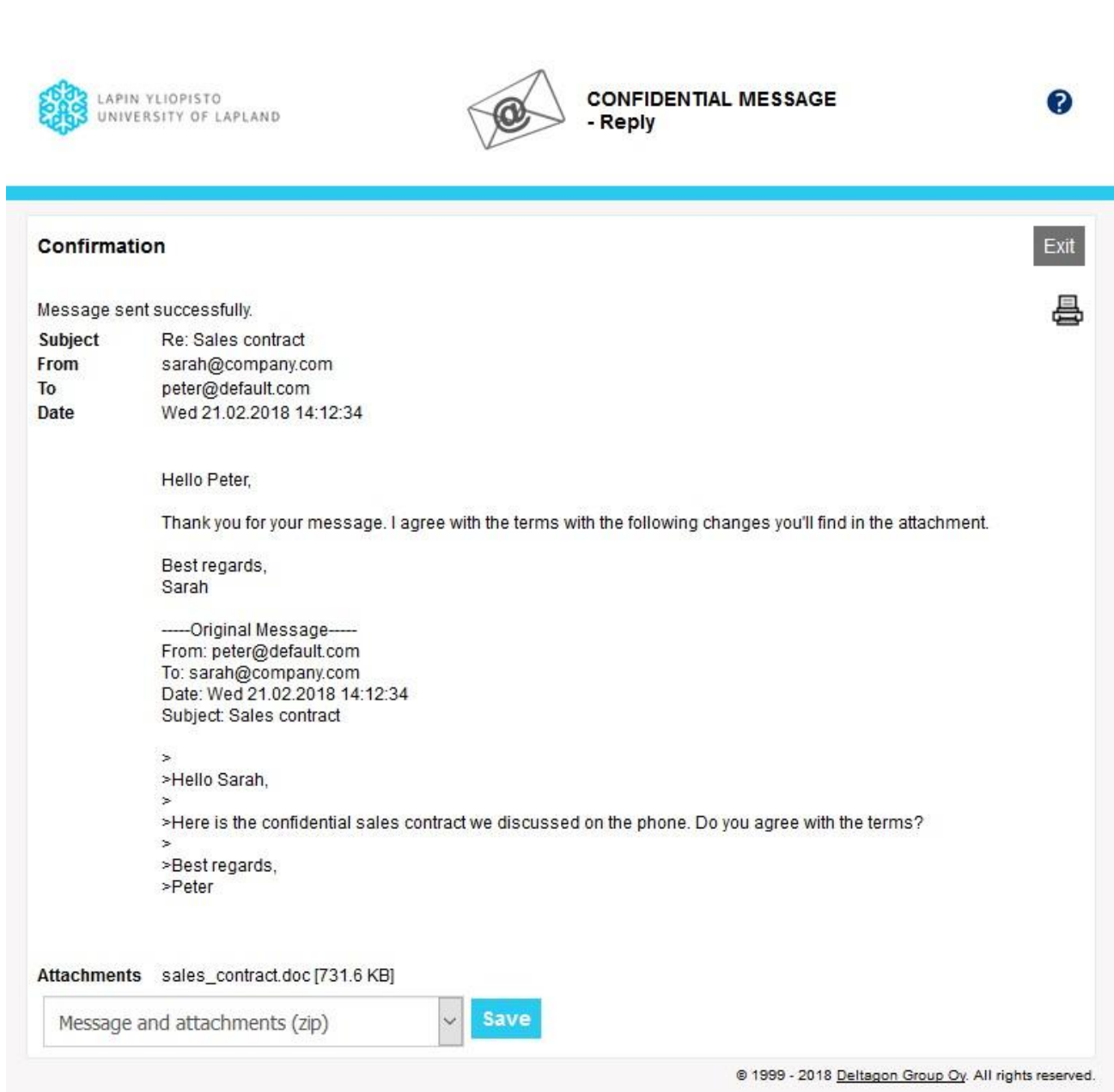|	
To	Choose recipients (in Reply all function)
Subject	Write message header
Message	Write message
Abort	Abort the reply without sending the message
Attach	Add attachments to message: browse desired file and press "Attach" button
Send	Send message
Question mark	Show instructions

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After you have sent the message you will see a confirmation and you can save the sent message and attachments to your own computer.

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CONFIDENTIAL MESSAGE - Reply

Confirmation   Exit

Message sent successfully.

Subject	Re: Sales contract
From	sarah@company.com
To	peter@default.com
Date	Wed 21.02.2018 14:12:34

Hello Peter,

Thank you for your message. I agree with the terms with the following changes you'll find in the attachment.

Best regards,
Sarah

-----Original Message-----
From: peter@default.com
To: sarah@company.com
Date: Wed 21.02.2018 14:12:34
Subject: Sales contract

>
>Hello Sarah,
>
>Here is the confidential sales contract we discussed on the phone. Do you agree with the terms?
>
>Best regards,
>Peter

Attachments   sales_contract.doc [731.6 KB]

Message and attachments (zip)   ∨   Save

The question mark in top right corner of each screen gives details of the different functions.

Message can be stored on the server for a limited time. Reopening of message requires identification that can be based on cookies or password. If you choose to store the message using password, write the desired password to the given fields. Press "OK" button to confirm your choice or "Back" button to return to the message.

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CONFIDENTIAL MESSAGE
- Logout

Confirm logout

Reopening of message requires identification.
Choose a method of identification of the following:

○ Cookie: A cookie is saved to your browser and while opening the message you will be automatically identified with it. Message can be opened with the same browser.

⦿ Password: Define your own password that is required to reopen the message. Message can also be opened with another browser.

Password	
Confirm password	

Password must include:
- at least 6 characters
- lower-case letters
- upper-case letters
- numbers

OK Back