



JSD

TEO 1.1 (Two eyes only) Mail Security

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Installation

System Requirements:

Framework 4.5 (<https://www.microsoft.com/en-us/download/details.aspx?id=30653>)

Microsoft SQL Server Compact 4.0 (<https://www.microsoft.com/en-us/download/details.aspx?id=17876>)

Extract the Disk1.zip file to a folder of your choice.

Run TEOClientSetup.msi

Starting and register

In your programs menu you can find the folder TEO. Open the folder and choose the TEOClient.



The screenshot shows the 'Register User' window of the TEO Client. At the top, there is a graphic with a pair of green eyes and the text 'JSD TEO Two eyes only ...'. Below this, the window is divided into two main sections: 'User' and 'Company'. The 'User' section contains fields for 'TEO - Server' (pre-filled with 'jsd.2nk.de'), 'Port' (pre-filled with '50013'), 'User' (empty), 'Password' (empty), and a 'Membership' dropdown menu set to 'Standard'. The 'Company' section contains fields for 'Company Server' and 'Company Password', both of which are empty. At the bottom of the window, there are three buttons: 'Cancel', 'Register', and 'Continue'.

Each user is identified with his computer in combination with the Windows login. With your computer and your windows account you are only able to create one account. This identifier is used as a pass and guarantees the receiver the authenticity of the sender.

JSD.2NK.de is the default TEO-Server

Port 50013 is the default TEO-Port

Choose your username. When you try to register the name will be verified.

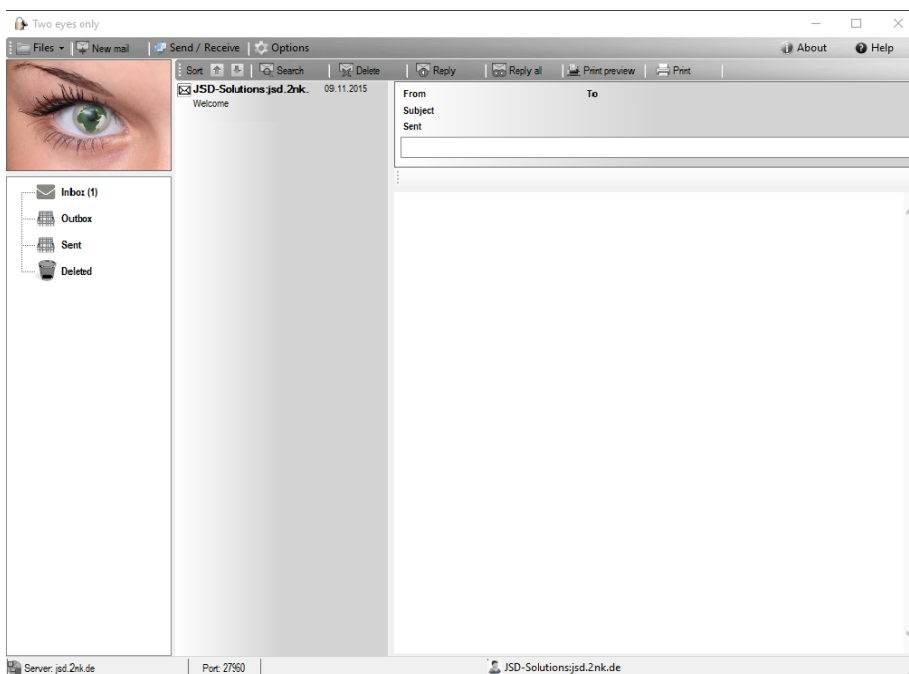
Input you password. (min. 6 chars)

If you have your own TEO-Server switch the Membership to “Company membership” and input the server name and the password. If you use your installation only for the intranet the port may be different. In this case please contact your administrator for a valid port number and the server name.

Press the button register.

When the user name is verified and the server responds with “The user has been successfully registered” press the button continue ...

The Client

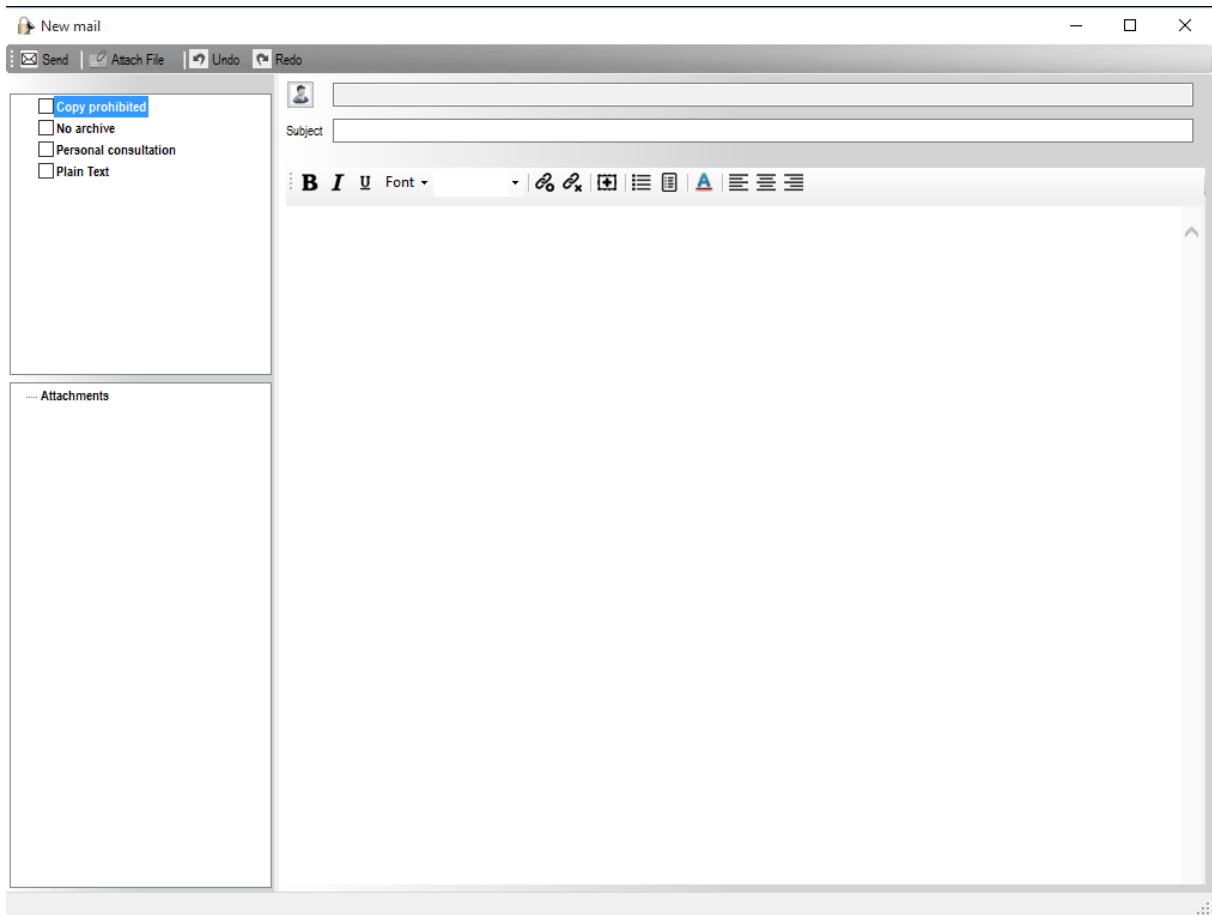


Working with TEO is only slightly different from a standard mail client.

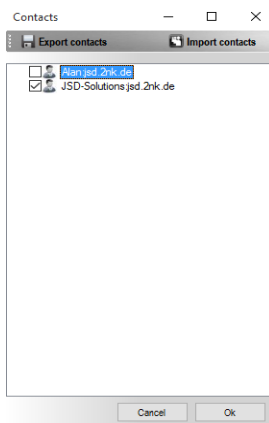
At the left side you can find the mail folders and on the right side is the display area of the mail. One of the main differences is that you cannot enter an email address for the recipient. If you want to get in touch with someone you need the certificate. We'll come to how these contacts are received. Let's learning by doing...

Send a mail

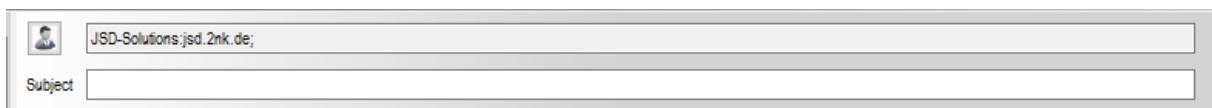
In the top toolbar you find “New mail”...



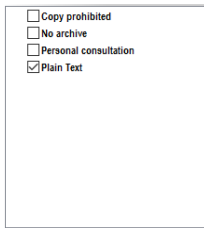
Press the contact button and choose your own contact ...



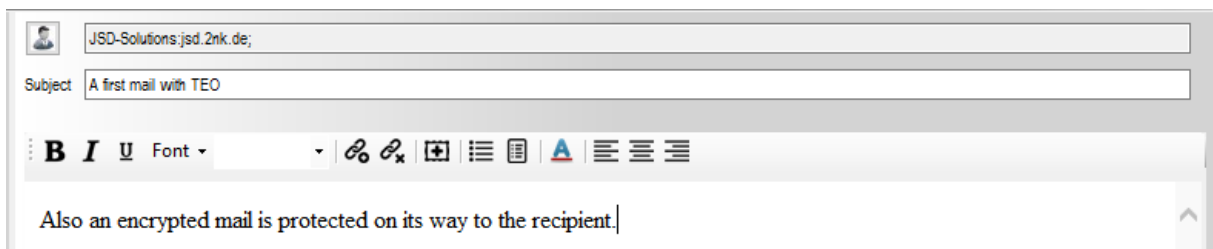
The number of recipients is arbitrary. In the same way a single address can be removed. The selected contacts will be taken and shown in the receiver line.



In the selection for the security options you choose plain text...

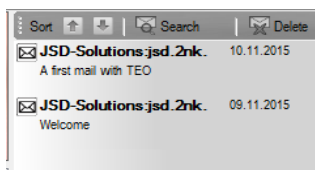
A small window showing security options. It has four checkboxes: 'Copy prohibited', 'No archive', 'Personal consultation', and 'Plain Text'. The 'Plain Text' checkbox is checked.

Input a text in the subject line and the body...

A screenshot of an email composition window. The 'To' field contains 'JSD-Solutions@jsd.2nk.de;'. The 'Subject' field contains 'A first mail with TEO'. Below the fields is a toolbar with icons for bold, italic, underline, font color, link, unlink, insert image, list, link, and text color. The body of the email contains the text 'Also an encrypted mail is protected on its way to the recipient.'

Press the send button.

That's all ... That was not too difficult?

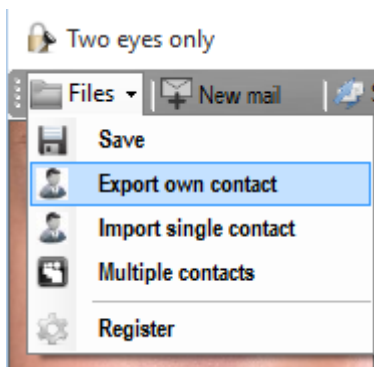


A short time later we received our sent mail.

Contacts

It does not make much sense to send a mail to me because I know the content already...

To contact someone, we need his certificate or he needs my contact. Choose files in the upper toolbar and click "Export own contact"

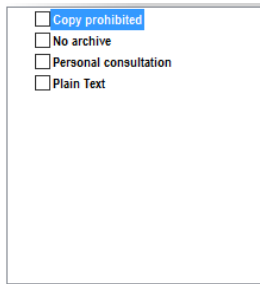


A file dialog opens and you can save your contact data. Put this file on a stick or send it with a standard E-Mail. The recipient can read the contact with "Import single contact".

As soon as we receive a mail and the system recognizes that the sender is not available yet we have the option to take the contact.

In the same way, we can send multiple contacts. If you choose "Multiple contacts" the list opens that we already know from the sending of a mail. Mark the contacts you want to share and send them. If the receiver is already known, we can send the contacts as an attachment with TEO.

Security options

A screenshot of a web interface showing four security options, each with an unchecked checkbox. The options are: 'Copy prohibited', 'No archive', 'Personal consultation', and 'Plain Text'. The 'Copy prohibited' option is highlighted with a blue background.

<input type="checkbox"/> Copy prohibited
<input type="checkbox"/> No archive
<input type="checkbox"/> Personal consultation
<input type="checkbox"/> Plain Text

Copy prohibited

If this option is selected, the receiver cannot store the mail, or redirect, or print them.

No archive

An email that is sent with this option will not be filed ... either on the sender side or at the receiving end. After reading the mail is deleted.

Personal consultation

This option has no effect on the email and indicates that in this case perhaps an uncommon password is used. The receiver gets the information that in this case a consultation is necessary.

Plain text

The standard is an encrypted mail. While this is option is not selected a password entry is required each time you send a mail.

All these options can be used in any combination. Overlap security options... - the strongest option is valid.

Mail-icons

In the upper left corner of the mail you see the mail-icon. There are different images which representing the security of mail.



Plain text. No password required.



Plain text. The E-Mail is deleted after reading.



Password required.



Password required. The E-Mail is deleted after reading.

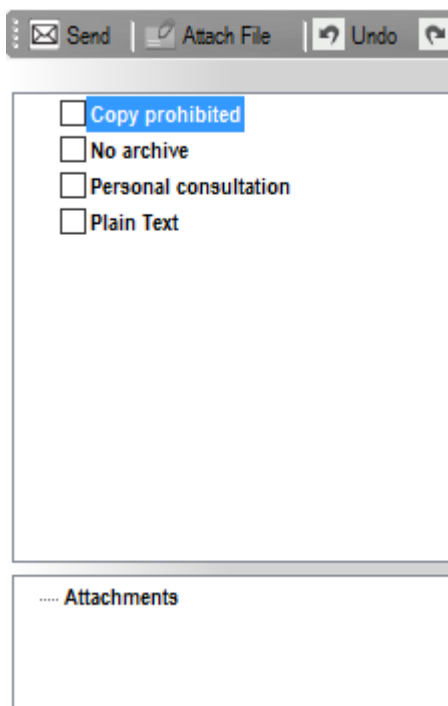


Personal consultation.



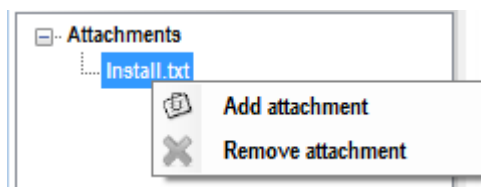
Personal consultation. The E-Mail is deleted after reading.

Attachments



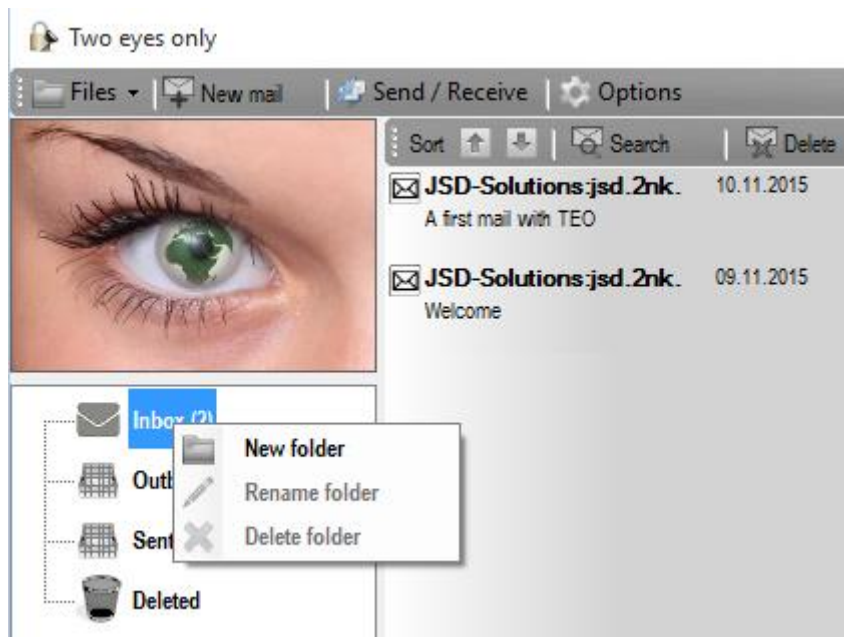
In the top toolbar you have the button “Attach file”. A file dialog appears. As you share your contacts only with people you know there are none of the usual restrictions on uploads and attachments.

All appended files appear under Attachments and can be managed there.



The upper limit of a mail with attachments is 15 MB.

Mail folder



Among the four existing system racks, you can add your own and move the mails arbitrarily. The System-Racks cannot be renamed or deleted.

Options

Options

A screenshot of the 'Options' dialog box in an email client. The dialog has a light gray background. It contains several settings: 'Server' is a text field with 'jsd.2nk.de'; 'Port' is a spin box with '27960'; 'Send timeout (Msek.)' is a spin box with '20000'; 'Receive timeout (Msek.)' is a spin box with '20000'; 'Send/Receive (Min.)' is a spin box with '1'. Below these are two checkboxes: 'No login prompt' (unchecked) and 'Play new mail sound' (checked). At the bottom are three buttons: 'Repair P.O. Box', 'Cancel', and 'Ok'.

The values for the client timeout should be sufficient. At extremely slow connections, these values can be increased.