

R-E-System

1 Short Form Instructions For „R-E-S V2.0“

1. Connect the USB-Key to the computer.
2. Double-click on the file **sRESv20.exe**.
3. Now enter your chosen token passwords and Pin and you can start to encrypt or decrypt files.

1.1 “Private Key“

Encoding with “**Private Key**“:

1. Select under “**Setting**” the option “**Private Key**”.
2. Select the document in the data window (left-hand side) that you wish to encode.
3. Encode the document with a click on the **Crypt** button.

Decoding with “**Private Key**“:

1. Select under “**Setting**” the option “**Private Key**”.
2. Select the document (**Black Text**) in the data window (right-hand side) that you wish to decode.
3. Decode the document with a click on the **DeCrypt** button.

1.2 “Auto Public Key“ with optional “Sub Group Code”

Encoding with “**Auto Public Key**“ with optional “**Sub Group Code**“:

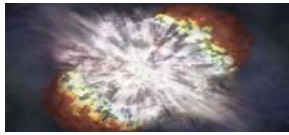
1. Select under “**Setting**” the option “**Auto Public Key**”.
2. If you want optional a “**Sub Group Code**”, enter the code (right-hand side).
3. Select the document in the data window (left-hand side) that you wish to encode.
4. Encode the document with a click on the **Crypt** button.

Decoding with “**Auto Public Key**“ with optional “**Sub Group Code**“:

1. Select under “**Setting**” the option “**Auto Public Key**”.
2. If you get a “**Sub Group Code**” code, enter the code (right-hand side).
3. Select the document (**Blue Text**) in the data window (right-hand side) that you want to decode.
4. Decode the document with a click on the **DeCrypt** button.

Note: To use “**Auto Public Key**“ with other users, they all must have the same “**Key Identification**“.

“**Auto Public Key**“ is always with the “**Key Identification**“, if you switch your “**Key Identification**“ you can no longer open the documents.



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1.3 “M-Editor”

Encoding and decoding of short message (written only in the memory) only under “**Auto Public Key**” and “**Auto Public Key**” with “**Sub Group Code**”:

Encoding with “**M-Editor**”:

1. Select under “**Setting**” the option “**Auto Public Key**”.
2. If want a “**Sub Group Code**” code, enter the code (right-hand side).
3. Select from the left-hand group of buttons the option “**M-Editor**”.
4. They write your text in the top white window, titled “**Plain Text**”.
5. Encode the text by simply clicking on the “**Crypt Msg**” on the top right-hand side of M-Editor.
6. The encrypted message now appears in the blue lower window, titled “**Encrypted Message**,” click on “**Copy**” thus saving to the clipboard.
7. Open your e-mail client address to whom the message is for and then simply right click with the mouse to past the encrypted message into the body of the e-mail. The recipient must have the same “**Key Identification**” to decipher your message.

Decoding with “**M-Editor**”:

1. Select under “**Setting**” the option “**Auto Public Key**”.
2. If you require a “**Sub Group Code**” code, enter the code (right-hand side).
3. From left-hand button column select the option “**M-Editor**” which opens the application.
4. Paste the message into the blue lower window by clicking on paste when the encrypted message will appear.
5. To decrypt the message, on the “**Decrypt MSG**” button (second from the top right-hand side and the message now appears in plaintext in the top while window.
6. Now you can read the message (or save it) in the top window.

Note: To use “**M-Editor**” with other users, they all must have the same “**Key Identification**”. “**M-Editor**” is always associated with the “**Key Identification**”, if you switch your “**Key Identification**” you cannot open the encrypted message.

1.4 Generation of your “**Public Key**” for other users:

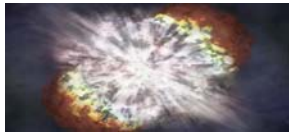
1. Select under “**Setting**” the option “**Public Key**”.
2. Click on “**Compute Key**” to generate one “**Public Key**”.
3. Click on “**Copy**” and insert the “**Public Key**” into an e-mail.
4. Click on “**Cancel**”.
5. Send this e-mail to other Users who can now use this key for secure communications with you.

1.5 “**Public Key**”

Encoding with “**Public Key**” for other users:

1. Select under “**Setting**” the option “**Public Key**”.
2. Insert under “**Public Key**” the obtained “**Public Key**” with the “**Paste**” button, and confirm with “**Setting**”.
3. Select the document you wish to encode from the data window (left-hand side).
4. Encode the document with a click on the **Crypt** button.
5. Now send this document to the person who gave you their “**Public Key**”.

Note: The data that you encode with “**Public Key**” can only be decoded by the person that sent you their “**Public Key**” generated with his USB key; which means that even you cannot now decode this data.

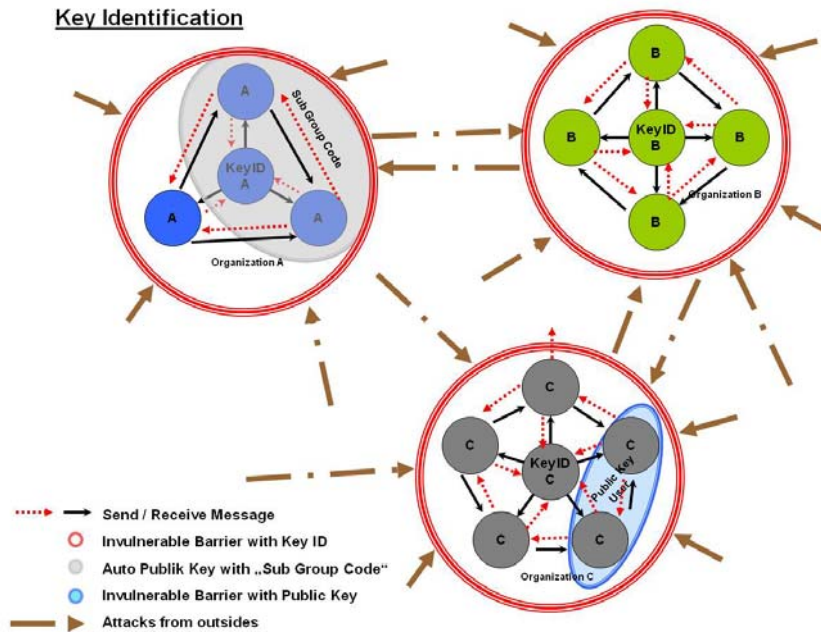


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Decoding with **“Public Key”**:

1. Select under **“Setting”** the option **“Public Key (Decrypt Only)”**.
2. Select the document you wish to decode (**Red Text**) from the data window (right-hand side).
3. Decode the document with a click on the **DeCrypt** button.

2 Key Identification



Note: To use **“Auto Public Key”**, **“Public Key”** and **“M-Editor”** with other users, you must all have the same **“Key Identification”** (example: Key ID A).