SETECS
Secure Transactions and Electronic Commerce Systems

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Secure Outlook with PIV Card

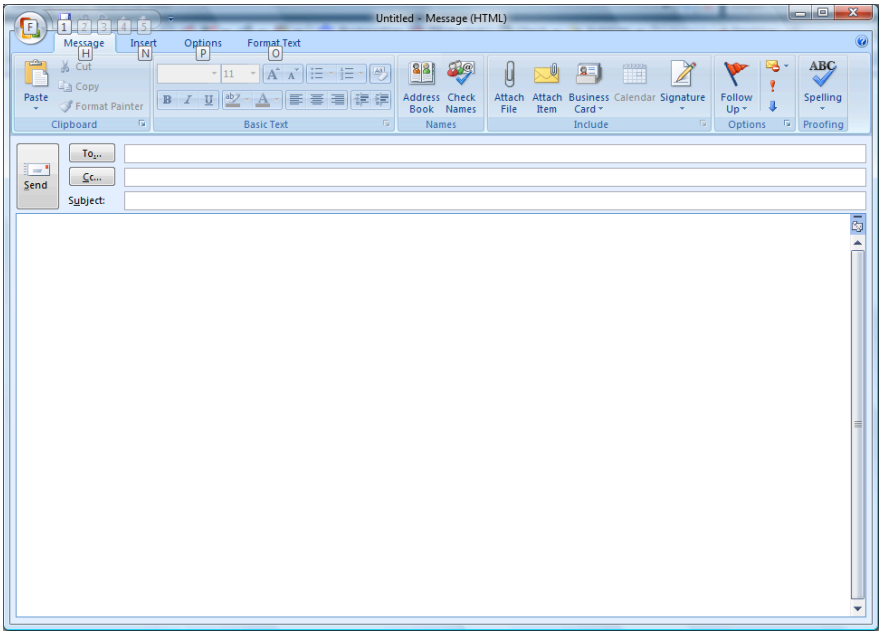
Prerequisites:

In other to use security with Outlook mail client, a user must have an active PIV card and must perform the following two one–time steps:

- Install SETECS PIV Crypto Service Provider (CSP) by double clicking `SETECS_CSP_Install.exe` module, and
- Load user's certificate (stored in the card) into Outlook/Internet Explorer's certificates database by double clicking `SETECS_Load_Certificate.exe` module.

Secure Outlook:

Insert PIV card in the smart card reader and start Outlook in a standard way. The following panel is used to create new E–mail:



To configure Outlook for using securirt features, go to Tools→Trust Center→Email Security…, on the right side select appropriate items that apply under "Encrypted Email". Under "Digital IDs (certificates)", press button "Import/Export", on the following-up panel, check "Export your digital ID to a file", press "Select", select the certificate which is also in the PIV card, which has been written to certificate database under "Personal" category.

Then when sending an email, Outlook will pop–up small panel asking you to provide your PIN. After typing the PIN, Outlook will sign E–mail using PIV card and send it in a standard way.

PIN verification is required for each E–mail letter.