Publishing PKI Certificates to the local GAL

The *Publish to GAL* feature publishes a users public PKI certificate or key to the Global Address List (GAL) of the local Exchange server. If a user publishes their certificate to the GAL, other users accessing the same GAL can then send encrypted mail using the GAL entry.

Users wanting to use the Publish to GAL feature must meet the following requirements and activate this feature on their computer. Activating this feature will only publish the user's public certificate.

Requirements:

•Windows 2000

•Outlook 2000 with Service Release 1-a (SR-1a)

Please note: The installation process for SR-1a will not indicate that SR-1a is installing. The installation dialog remains SR-1. After the installation, if you click **About Microsoft *Product*** on the **Help** menu in any of the Office programs, the dialog box that appears reads "SR-1", whether you have SR-1 or SR-1a installed. This is because the SR-1a update does not update any files that are not updated by the SR-1 update.

•Publish to GAL Registry file update

This file will auto-update the Windows Registry with an additional entry to support the Publish to GAL feature.

A GAL entry can only house one public certificate. If a new certificate is obtained and published by an end user, the previous certificate will be overwritten.

Army PKI Help Desk

1 866 SETD CAC

Comm: (703) 769-4499 DSN: 327-4004

Hours: 24/5 Monday – Friday

Saturday & Sunday 0800-1800

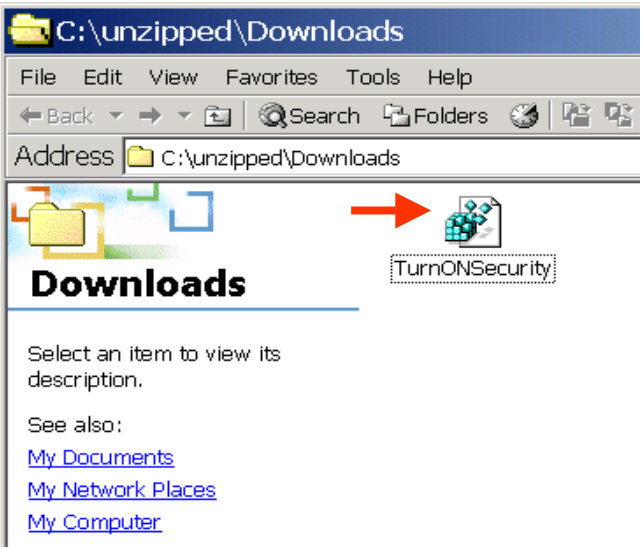
Web Site: https://setdweb.belvoir.army.mil

PKI Web Sites:

http://dodpki.c3pki.chamb.disa.mil

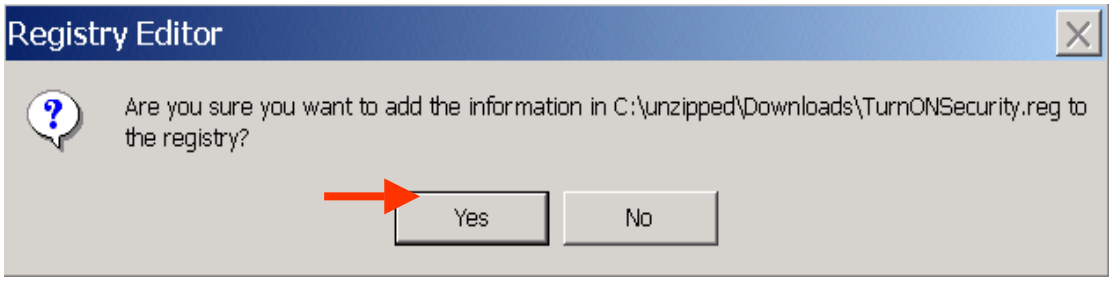
http://dodpki.c3pki.den.disa.mil

Installing the Publish to GAL Registry change.



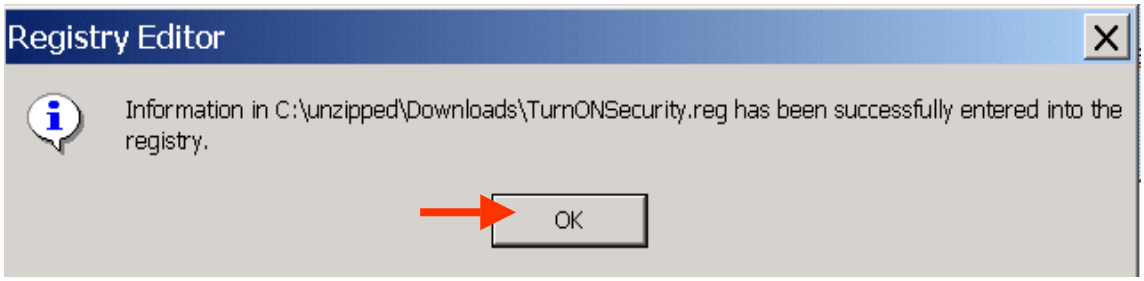
1

Download and save the ***TurnONSecurity.reg*** Registry file**.** Double-click the file to begin installation.



2

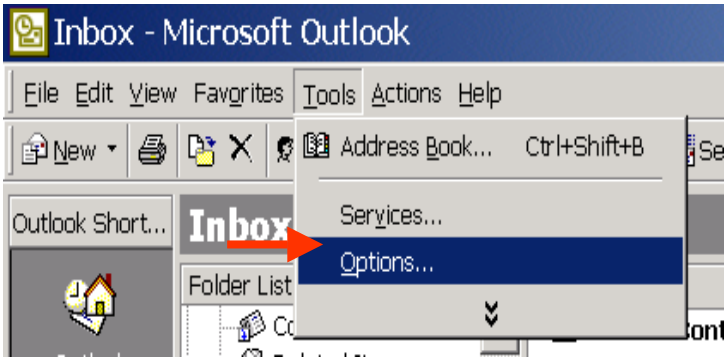
Click "***Yes"*** to add the information to the registry.



3

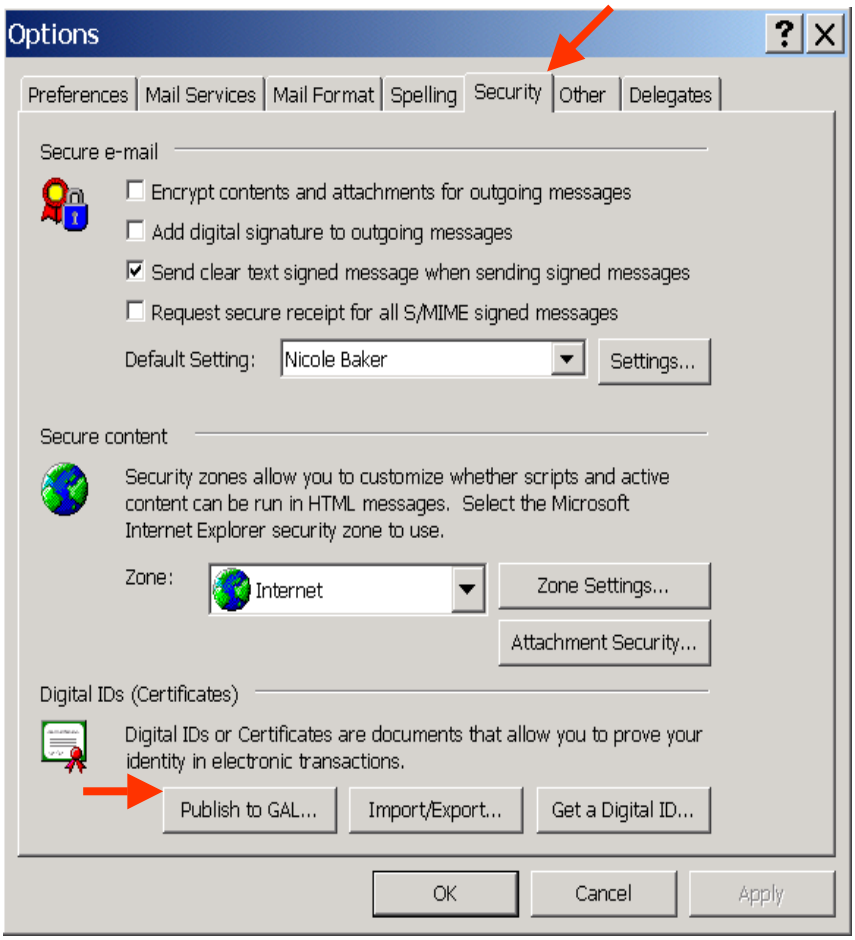
Click "***OK"*** to complete the installation.

Publishing the PKI certificate to the GAL



4

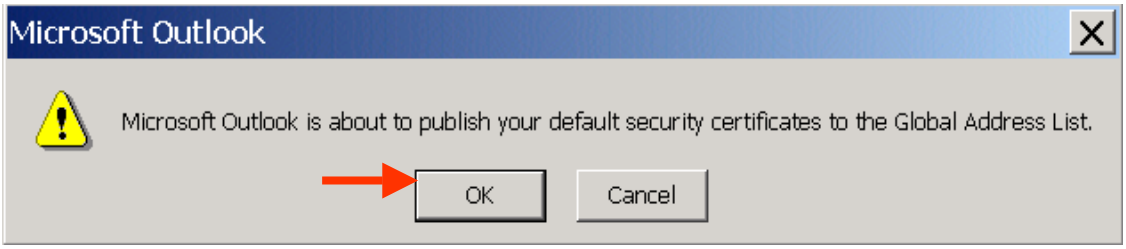
Open Outlook 2000. In the ***Tools*** pull-down menu, select ***Options***.



5

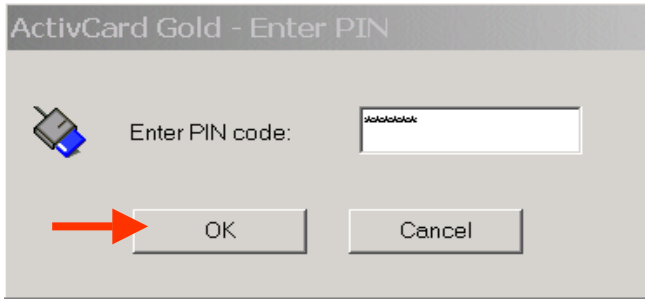
The *Options* window will appear. Click the ***Security*** tab. Once the *Security* tab appears, click the ***Publish to GAL...*** button under the *Digital IDs* heading. This will activate the process.

If the ***Publish to GAL...*** button does not appear in the *Security* tab after installing the Registry change, close and re-open Outlook 2000.



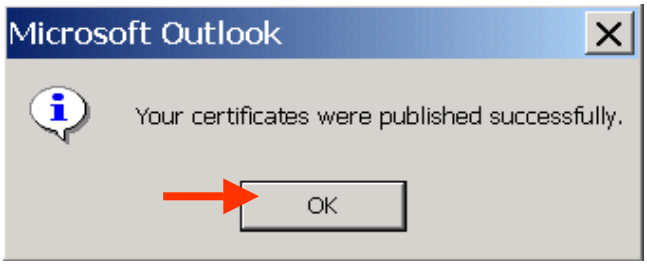
6

Click "***OK***" to publish your certificates to the Global Address List.



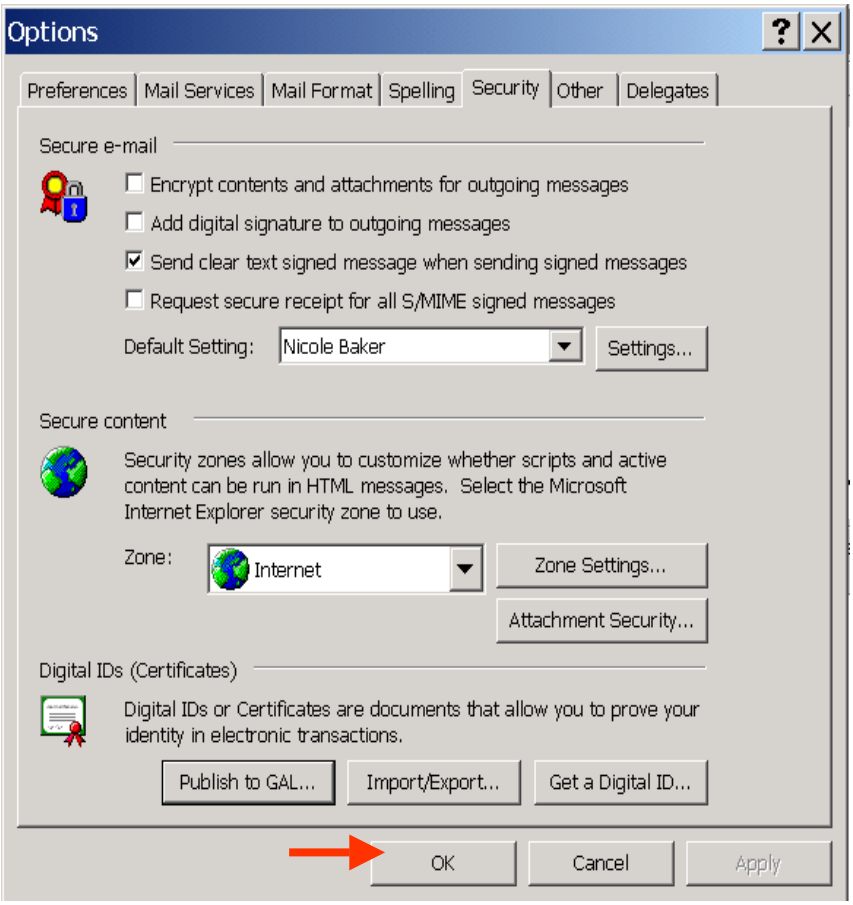
7

If your CAC is in the Card Reader you will be prompted to enter your PIN code. Enter your PIN code and click "***OK***".



8

Click "***OK***" to complete the configuration.
Your public certificate is now published to the local GAL.



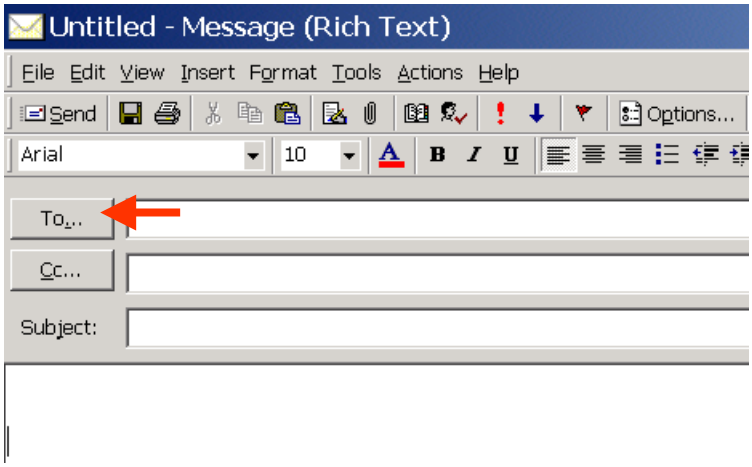
9

Click "***OK***" to close the *Options* window.

Checking Certificate Publication

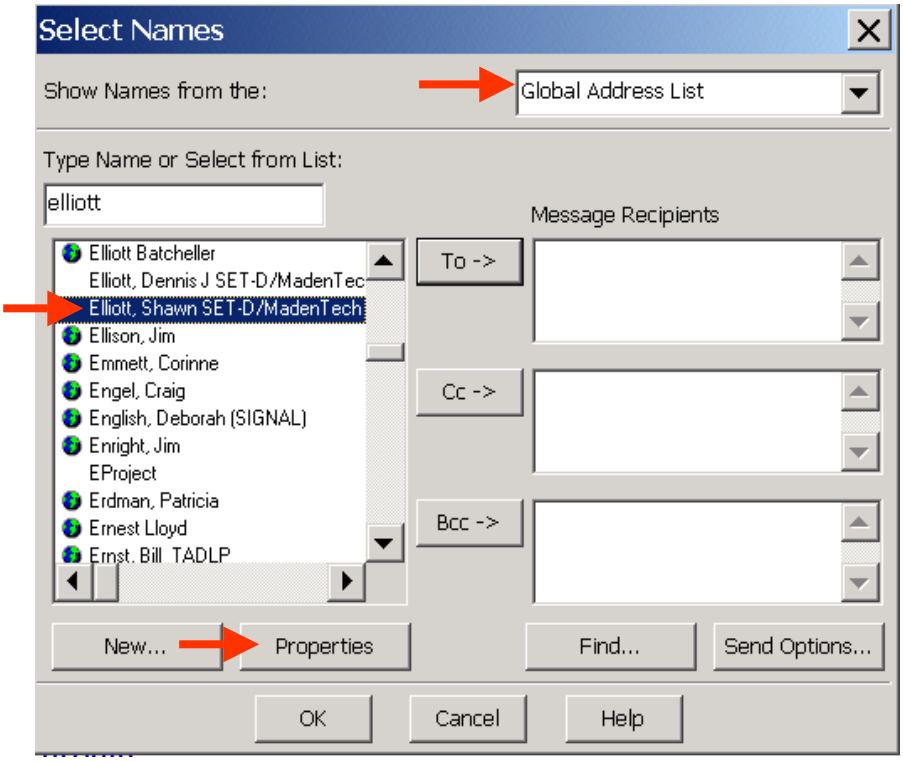
1

Click ***New*** to compose a **New Mail Message.**



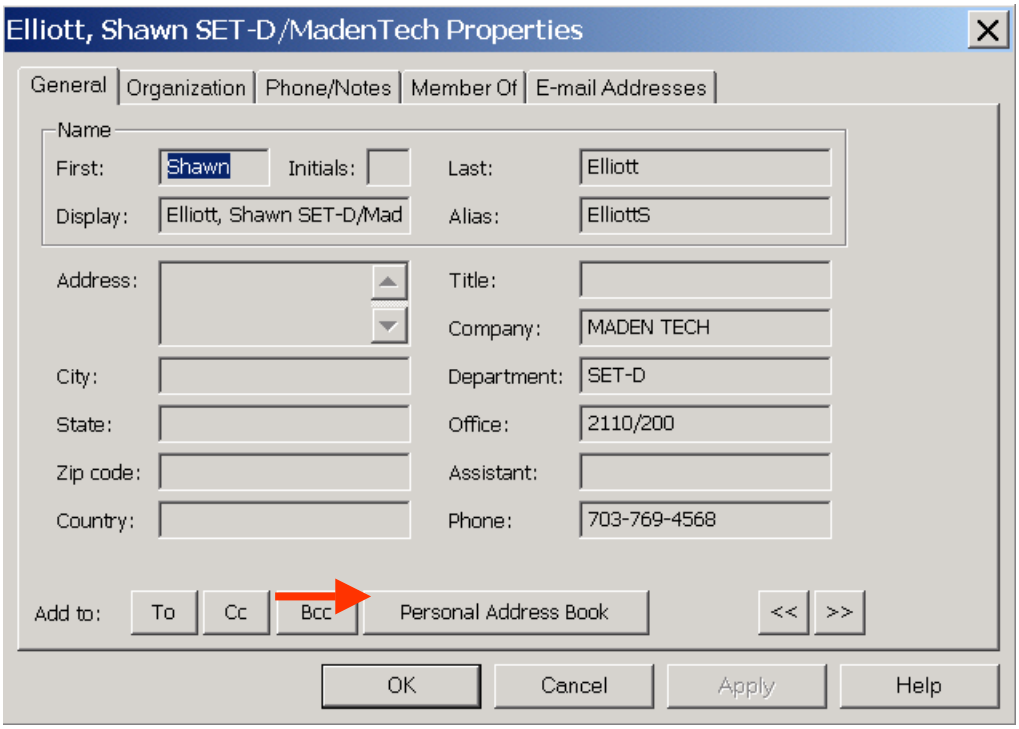
2

Click the ***To:*** button to chose the recipient.



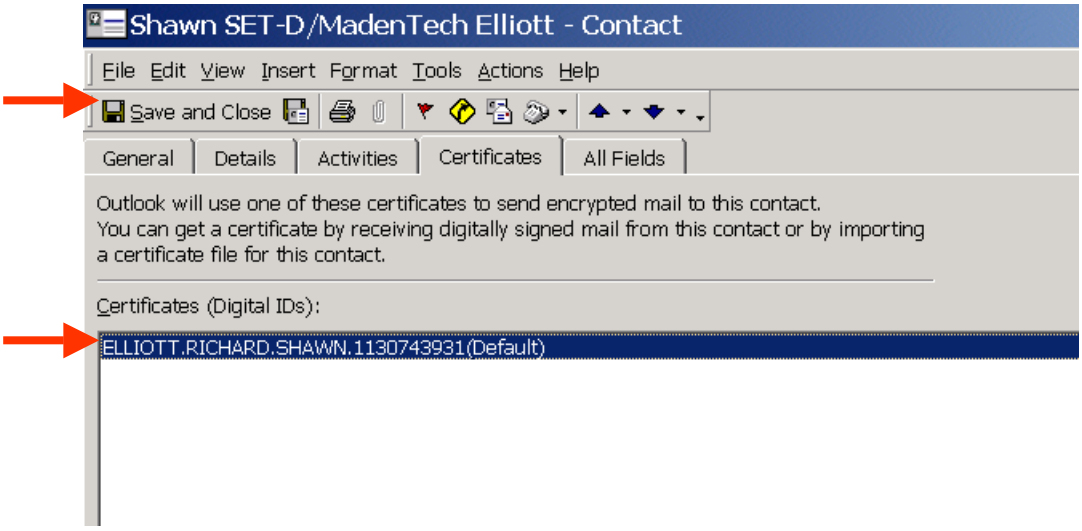
3

In the **Show Names from the:** pull down box select ***Global Address List.*** Select the recipient by highlighting the name and click the ***Properties*** button.



4

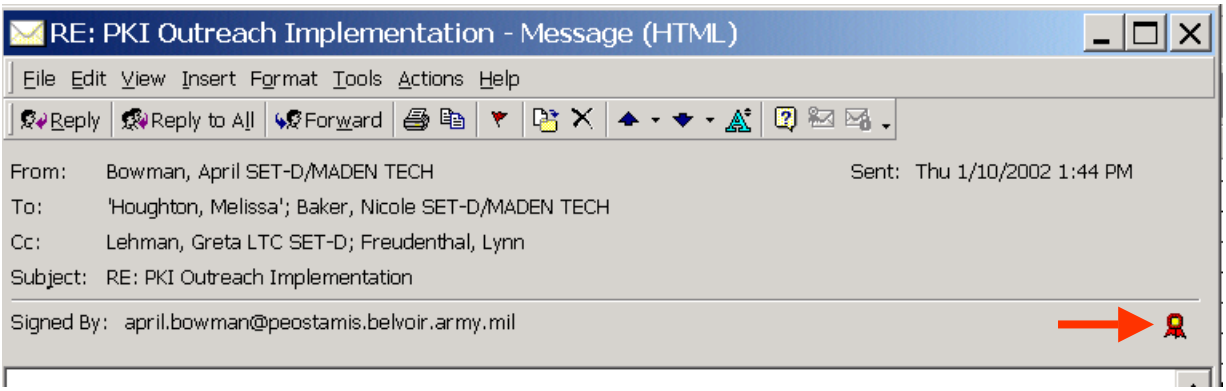
The *Properties* window will appear. Click the ***Personal Address Book*** button.



5

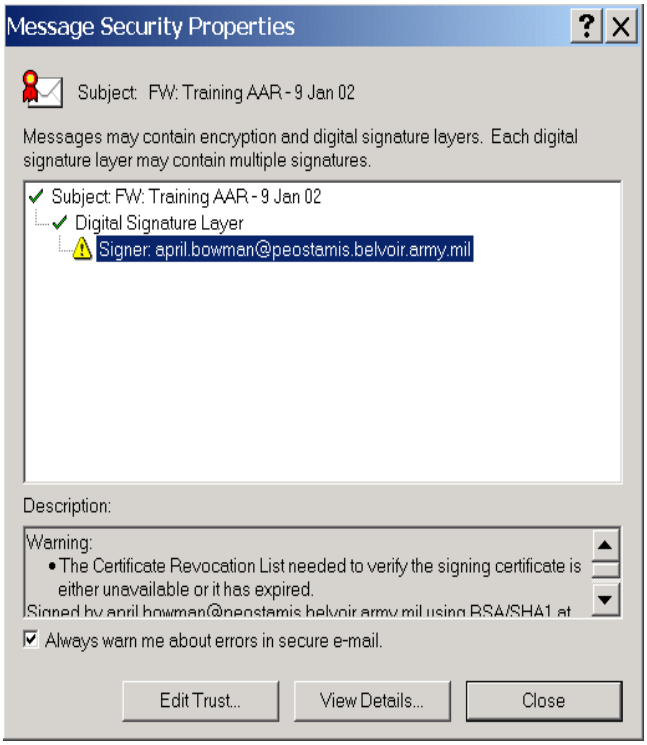
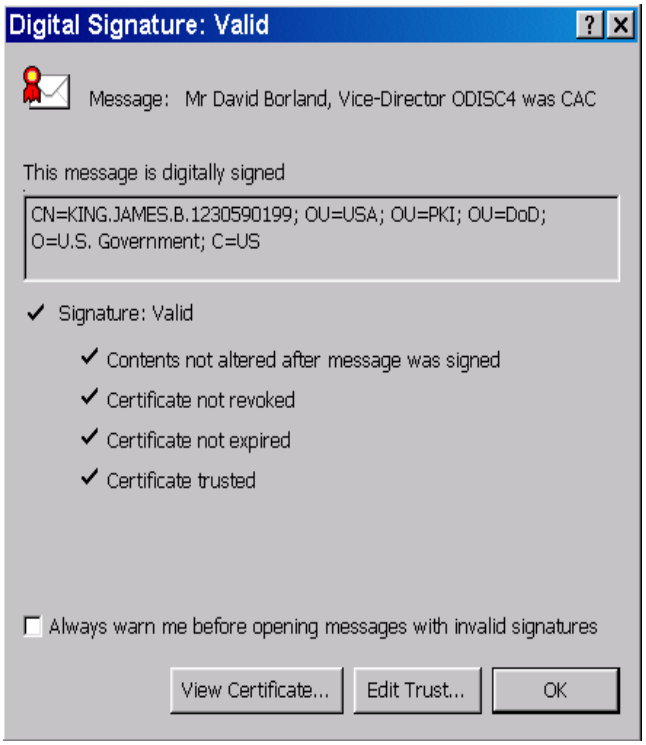
The recipient's contact entry will appear. Click on the ***Certificates*** tab. The recipient's certificate should appear in the window. If there is no certificate listed then the recipient's public certificate IS NOT published to the GAL. Click ***Save and Close*** button to close the Contact entry.

When the Publish to GAL feature is activated, additional information about the sender's certificate will be available.



To view certificate information, open a signed or encrypted email message and click on the signature icon in the right hand corner.

Publish to GAL activated.



Publish to GAL not activated.