

Digital Signature

Eng. Fadi BAGHDADLIAN



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Where security is offensive, not defensive.
Every day.

Where it all comes together.™
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VeriSign operates **Intelligent Infrastructure Services** that enable enterprises and individuals to find, connect, secure, and transact across today's complex global networks.

Naming & Directory

Enable customers to access DNS data across the Internet, and product data across the supply chain.

Communications

Enable rich commerce, content, and communication services over wireline, wireless, and cable networks.

Security

Protect your enterprise with a comprehensive suite of authentication, network, MSS, and email security services.

Payments

Enable customers to transact securely online, offline, and over mobile devices.

Resources For:

- Carriers
- Enterprise
- Merchants
- Supply Chain
- Partners
- Public Sector
- Registrars

News and Events

- Fourth Edition of the VeriSign® Internet Security Intelligence Briefing (ISIB) Released

Learn About

- Displaying the Secure Site Seal on Your Web Site
- PKI and Strong Authentication

Domain Registration

www. >

VeriSign Secured Seal Program





Electronic Credentials for the Internet™



Personal IDs

Secure e-mail & web site access



Server IDs

Secure e-commerce & communications



Developers

Code signing & developer toolkits

Please click on the VeriSign product you have, or are interested in, so we can direct you to the appropriate Web pages.

- If you are an individual interested in securing your e-mail, choose [Personal IDs](#)
- If you have a web server and need to create secure connections, choose [Server IDs](#)
- If you are a software publisher, choose [Developers](#)

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You Are Here: [United States Home](#) > [Products & Services](#) > [Security Services](#) > [PKI and Authentication Services](#) > [PKI Applications](#) > [Digital IDs for Secure Email](#) > Digital ID Enrollment

Digital IDs for Secure Email

Digital ID Enrollment

You are about to begin the enrollment process for a Class 1 Digital ID. Enrollment can be completed online within a few minutes. Your Class 1 Digital ID is bound to your validated email address and can be used to digitally sign your email and receive encrypted email. It can also be used by your Web browser as the equivalent of an electronic membership card or passport to identify yourself to participating Web sites that wish to restrict access, eliminating the need to remember usernames and passwords.

International customers are served by the VeriSign Trust Network of International affiliates. [Find your affiliate.](#)

Features and Benefits

- Authenticates your email address
- Automatic listing in our public directory and easy lookup of anyone else's Digital ID
- US \$1,000 of [NetSure](#)SM protection against economic loss caused by corruption, loss, or misuse of your Digital ID
- Free revocation and replacement if your Digital ID is lost or corrupted

US \$19.95 per year, or free 60-day trial edition

Payable by Visa, MasterCard, American Express and Discover. Checks and purchase orders are not accepted.

[Buy Now](#)

Contact Us
 Please contact sales at
650-426-5310 or
[submit your inquiry online.](#)

Related Resources

White Papers
[Enterprise-Level Security and Management for Instant Messaging](#)

Guides
[Digital ID User Guide](#)
[Digital ID Tutorial](#)

Data Sheets
[Trusted Messaging Solution](#)
[Enterprise AIM Services Secured by VeriSign](#)

News
[Next-Generation of Strong Authentication Seminar Series -](#)



Enrollment

[Home](#)

[Digital ID Center](#)

[About Digital IDs](#)

Choose Your Browser

Select the browser you would like to use with your Digital ID. To continue with enrollment you must be using the same browser you select.



Microsoft (Internet Explorer 3 or higher)



Netscape (Navigator 3 or higher)



Enrollment

Help with this Page

VeriSign™ Class 1 Digital IDSM for Microsoft Internet Explorer

Step 1 of 4: Complete Enrollment Form

- Step 1: Complete Enrollment Form
- Step 2: Check E-mail
- Step 3: Pick up Digital ID
- Step 4: Install Digital ID

Contents of Your Digital ID

Fill in all fields. Use only the English alphabet with no accented characters. This information is included in your Digital ID and is available to the public.

First Name:

Nickname or middle initial allowed

Last Name:
(example -- Doe)

Your E-mail Address:
(example -- jbdoe@verisign.com)

Challenge Phrase

This unique phrase protects you against unauthorized action on your Digital ID and should not be shared with anyone. Do not lose it! It is required to revoke, replace, renew or set preferences for your Digital ID.

Enter Challenge Phrase:
Do not use any punctuation.

Choose a Full-service Class 1 Digital ID, or a 60-day Trial Class 1 Digital ID

I'd like a one-year, full-service Digital ID for only US\$19.95 per year.

I'd like to test drive a 60-day trial Digital ID for free.
Does not include revocation, replacement, renewal or coverage under the NetSure Protection Plan

Billing Information

Your credit card will be charged US\$19.95 when you click the Accept button below. All enrollment and credit card information is transmitted through a secure sockets layer (SSL) connection using a VeriSign Secure Server ID.

Card Type:	Visa
Card Number:	<input type="text"/>
Expiration Date:	Month <input type="text"/> Year <input type="text"/>
Name on Card:	<input type="text"/>
Street Address: If P.O. Box enter here.	<input type="text"/>
Apartment Number:	<input type="text"/>
City:	<input type="text"/>
State/Province:	<input type="text"/>

(Optional): Select The Cryptographic Service

If you have a domestic version of this browser you are offered an Enhanced Cryptographic option which provides 1024-bit key encryption. The MS Base Cryptographic provider offers 512-bit key encryption which is adequate for most applications today, but you may select the Enhanced option if your browser offers this choice and you require the higher encryption strength. If you use a specialized mechanism such as a smartcard, please select the appropriate provider as directed by the manufacturer.

Cryptographic Service Provider Name

- Microsoft Base Cryptographic Provider v1.0
- Microsoft Base Cryptographic Provider v1.0
- Gemplus GemSAFE Card CSP v1.0
- Infineon SICRYPT Base Smart Card CSP
- Microsoft Base Cryptographic Provider v1.0
- Microsoft Enhanced Cryptographic Provider v1.0
- Microsoft Strong Cryptographic Provider
- Schlumberger Cryptographic Service Provider**

Additional Security for Your Private Key

We recommend that you protect the private key information below will provide you with security options for your private key information.

Check this Box to Protect Your Private Key



Address https://digitalid.verisign.com/client/class1MS.htm

You must read this subscriber agreement and privacy policy extract before applying for, accepting, or using a Digital ID (certificate). If you do not agree to the terms of this subscriber agreement and privacy policy extract, do not apply for, accept, or use the Digital ID (certificate).

THIS SUBSCRIBER AGREEMENT will become effective on the date you submit the certificate application to the designated Issuing Authority (IA). By submitting this Subscriber Agreement (and certificate application) you are requesting that the IA issue a Digital ID (certificate) to you and are expressing your agreement to the terms of this Subscriber Agreement. VeriSign's Public Certification Services are governed by VeriSign's Certification Practice Statement (the "CPS") as amended from time to time, which is incorporated by reference into this

[Read CPS](#) [Download CPS](#)



If you agree to the terms of the Subscriber Agreement and Privacy Policy Extract, please click ACCEPT to continue.

Accept

Decline

Microsoft Internet Explorer



Confirm your e-mail address:
bfadi@scs-net.org

If your e-mail address is correct click OK, if not click CANCEL and correct it in the enrollment form.

If the e-mail address is not correct you will not be able to use your Digital ID

OK

Cancel

Potential Scripting Violation



This Web site is requesting a new certificate on your behalf. You should allow only trusted Web sites to request a certificate for you.
Do you want to request a certificate now?



Digital ID Services

Step 2 of 4: Check E-mail

- Step 1: Complete Enrollment Form
- Step 2: Check E-mail
- Step 3: Pick up Digital ID
- Step 4: Install Digital ID



You should receive an e-mail from the Digital ID Center within the hour at the e-mail address you entered in the enrollment form. It will contain instructions for installing the Digital ID.



Reply



Reply All



Forward



Print



Delete



Previous



Next



Addresses

From: VeriSign Digital ID Center
Date: 29 م ٠٢:٢٢ ٢٠٠٤، تشرين الثاني
To: bfadi@scs-net.org
Subject: Trial Class 1 VeriSign Digital ID Pickup Instructions

QUICK INSTALLATION INSTRUCTIONS

To assure that someone else cannot obtain a Digital ID that contains your name and e-mail address, you must retrieve your Digital ID from VeriSign's secure web site using a unique Personal Identification Number (PIN).

Be sure to follow these steps using the same computer you used to begin the process.

Copy your Digital ID PIN

Your Digital ID PIN is: 221cd418464ee92d9282b81be322b430

Go to VeriSign's secure Digital ID Center

<https://digitalid.verisign.com/enrollment/mspickup.htm>

Paste (or enter) your Digital ID PIN

Then select the STRMPT button to install

Step 3 of 4: Pick up Digital ID

- Step 1: Complete Enrollment Form
- Step 3: Pick up Code Signing ID
- Step 2: Check E-mail
- Step 4: Install Code Signing ID

When picking up your ID, use the same machine and browser used for enrollment.

The Personal Identification Number (PIN) is needed to complete this step. It was contained in an e-mail message sent immediately after the enrollment form was submitted.

This was sent from VeriSign Customer Support Department to the e-mail address entered in the enrollment form.

Copy the PIN number from the e-mail, paste (or enter) it into the box below, and click SUBMIT.

After the PIN is submitted, generating the Digital ID will take up to three minutes. Do not interrupt the browser until there is a response.

Enter the Digital ID Personal Identification Number (PIN):

The Digital ID PIN is listed in the confirmation e-mail that was sent from the Digital ID Center.



Digital ID Services

Step 4 of 4: Install Digital ID

- Step 1: Complete Enrollment Form
- Step 2: Check E-mail
- Step 3: Pick up Digital ID
- Step 4: Install Digital ID

Your Digital ID

Your Digital IDSM has been successfully generated.

Organization = VeriSign, Inc.
Organizational Unit = VeriSign Trust Network
Organizational Unit = www.verisign.com/repository/RPA Incorpor. by Ref.,LIAB.LTD(c)98
Organizational Unit = Persona Not Validated
Organizational Unit = Digital ID Class 1 - Microsoft
Common Name = bfadi bfadi
Email Address = bfadi@scs-net.org



Please click on the "Install" button to the right to install the Digital ID.

INSTALL

Potential Scripting Violation



This Web site is adding one or more certificates to this computer. Allowing an untrusted Web site to update your certificates is a security risk. The Web site could install certificates you do not trust, which could allow programs that you do not trust to run on this computer and gain access to your data.

Do you want this program to add the certificates now? Click Yes if you trust this Web site. Otherwise, click No.

Yes

No

Associate a Digital ID With Your E-mail Account

Microsoft Outlook Express:

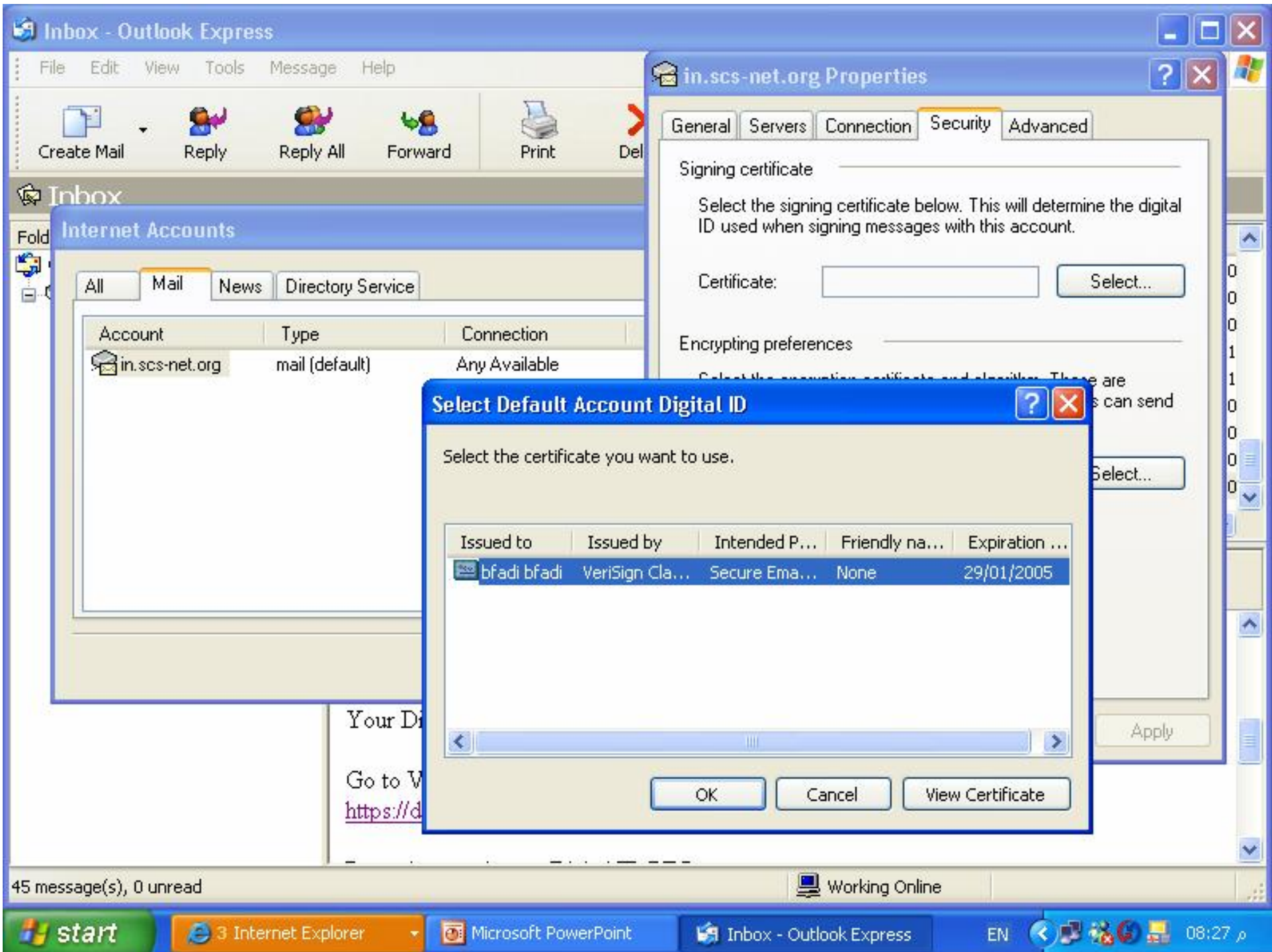
1. Select Accounts from the Tools menu, then the Mail tab.
2. Select your Mail account, click the Properties button, select the Security tab.
3. Check the box "Use a digital ID when sending secure messages from", then click the Digital ID button.
4. Select the certificate you want to use to digitally sign your e-mail.

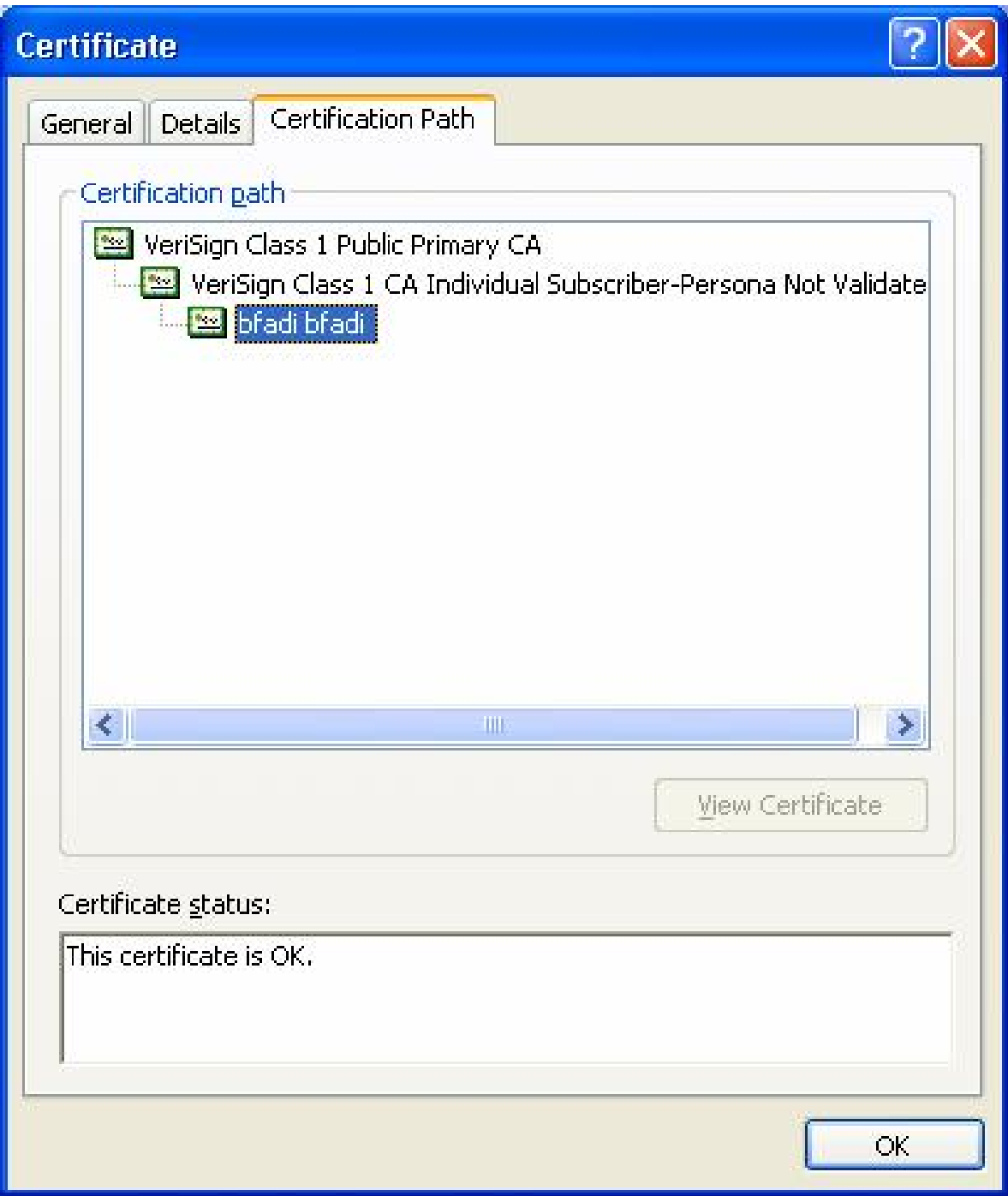
Outlook 98 and 2000:

1. In the Tools menu select Options, then the Security tab
2. Click "Add digital signature to outgoing messages", click the "Change Settings" button
3. On the next screen click the "Choose..." button. Select the Digital ID you want to use for signing e-mail in Outlook.

Consult our User Manual and Tutorials

1. Visit our [Learning Center](#) to view our tutorials, user manual and other useful information.
2. Visit our [Code Signing ID Center](#) to find out more about Code Signing IDs and Code Signing ID services.





Certificate



- General
- Details
- Certification Path

Certification path

- VeriSign Class 1 Public Primary CA
 - VeriSign Class 1 CA Individual Subscriber-Persona Not Validate
 - bfadi bfadi



View Certificate

Certificate status:

This certificate is OK.

OK



To: bfadi@scs-net.org
Cc: [Empty field]
Subject: Message



[Empty text area for composing the message]


Message

File Edit View Tools Message Help

Reply Reply All Forward Print Delete Previous Next Addresses

From: Fadi BAGHDADLIAN
Date: 29 تشرين الثاني، ٢٠٠٤ ٨:٢٩ م
To: Fadi BAGHDADLIAN
Subject: Message
Security: Digitally signed and verified

Security Help
Digitally Signed Message

 This message has been digitally signed by the sender.

Signed e-mail from others allows you to verify the authenticity of a message -- that the message is from the supposed sender and that it has not been tampered with during transit. Signed mail messages are designated with the signed mail icon.

Any problems with a signed message will be described in a Security Warning which may follow this one. If there are problems, you should consider that the message was tampered with or was not from the supposed sender.

Don't show me this Help screen again.

Continue

SSL Certificates



VeriSign has issued over 430,000 SSL Certificates worldwide. Now you can try one FREE!

Over 93% of Fortune 500 companies use VeriSign SSL Certificates to protect e-commerce and other private information with 128-bit encryption, the strongest SSL protection available anywhere. Don't miss this opportunity to try the world's #1 solution for Web site security: VeriSign Secure Site Services!

To obtain your FREE SSL Trial ID, please complete the form below.

Are you interested in securing your e-mail communication as well? [Learn more](#) about Digital IDs for secure e-mail.

*Note: * = required.*

* **First Name**



If you're responsible for:

- ▶ Encrypting online transactions
- ▶ Securing corporate intranets
- ▶ Protecting partner or customer extranets

Certificate



General

Details

Certification Path



Certificate Information

This certificate is intended for the following purpose(s):

- Ensures the identity of a remote computer

* Refer to the certification authority's statement for details.

Issued to: www.verisign.com

Issued by: www.verisign.com/CPS Incorpor. by Ref. LIABILITY
LTD.(c)97 VeriSign

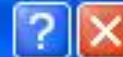
Valid from 04/06/2003 **to** 04/06/2005

Install Certificate...

Issuer Statement

OK

Certificate



General Details Certification Path

Show: <All>

Field	Value
Version	V3
Serial number	3c 36 1d 05 ed 01 53 77 93 4c...
Signature algorithm	md5RSA
Issuer	www.verisign.com/CPS Incorp...
Valid from	04 حزيران, 2003 02:00:00 ص
Valid to	04 حزيران, 2005 01:59:59 ص
Subject	www.verisign.com, Terms of u...
Public key	RSA (1024 Bits)

Edit Properties...

Copy to File...

OK

