

# Aloaha free Class 1 Certificate installation instructions

Aloaha Software offers on http://pki.aloaha.com free Class 1 digital certificates for everyone. The Aloaha "Benutzerzertifikat" is an encryption and signature certificate and can be used in standard software such as Microsoft Office, Microsoft Outlook, Aloaha PDF Suite and Crypter.

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To subscribe to the free certificate service please open *http://pki.aloaha.com* and fill in the form as shown on the right!

With pressing submit your Aloaha Certificate account is being created. Please note that you will automatically subscribed to the Aloaha news list. To unsubscribe the Aloaha list just send an email **unsubscribe to news@aloaha.com**. To subscribe manually please send an email **to news@aloaha.com** with subject subscribe.

The Aloaha Certificate Authority will now send you an email with your Aloaha username and password. Please keep that email at a secure place. In case you every loose your password contact the Aloaha support department.

With the username and password of the
subscription email please log on to
http://pki.aloaha.com/certsrv/certrgbi.asp?type=0

Connect to pki.aloa	ha.com <u>? X</u>
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Connecting to pki.ak	oaha.com
User name:	😰 aloaha\stefan2345 💽 🗾
Password:	•••••
	Remember my password
	OK Cancel

# Download and install the Aloaha Class 1 digital Certificate in your local current user store!

After you logged in to http://pki.aloaha.com/certsrv/certrqbi.asp?type=0 with your credentials you will see the following screen.

🖉 Microsoft Certificate Services - Microsoft Internet Explorer provided by Aloaha 📃 🔍
Eile Edit View Favorites Tools Help
🚱 Back 🝷 🌍 🖌 😰 🏠 🔎 Search 👷 Favorites  🖗 🖓 🗸 😓 💽 🝷 🛄 🚉
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·
Microsoft Certificate Services aloaha Home
Benutzerzertifikat - Identifying Information
No further identifying information is required. To complete your certificate, press submit.
Submit >
🖉 Done 🔹 👘 Internet

Just press "Submit" to install a standard "Benutzerzertifikat/Usercertificate" on your machine. In case you need other options like writing it to a SmartCard or you need to make the certificate **non exportable** please click "More Options"

You need to confirm the following popup window with "Yes" to continue

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?				
	<u>Y</u> es <u>N</u> o			

A click on "Install this Certificate" will install the Aloaha Class 1 Certificate on your machine (current user store) so that it can be used by Mail Applications, Aloaha and other default applications.

Potentia	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.				
	<u>Y</u> es				

# Configure the Aloaha Class 1 Certificate to be used in the Aloaha PDF Suite

Configuration of digital certificates is pretty easy in the Aloaha PDF Suite. Just right click on the Aloaha System Tray Icon and choose settings. Then configure your Aloaha according to the screenshots below.

Settings 2.1.228	×
PDF   Save   e-Mail   Print Settings   Digital Signature   Signature Settings   Bookmarks   / _	Þ
_ Digital Signature	
Current User Store (default)	
2) Stefan Engelbert, aloaha, 11/4/2006 2:17:10 AM	
I read this document	
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Settings 2.1.228	×
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	Position on Page (%)
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PDF Signature	bottom right: 90 92
Enable Text Signature 🔽 Use picture signature	✓ Ok



#### Configure the free Aloaha Class 1 Certificate to be used in Microsoft Outlook

If the email address of your Aloaha Certificate matches the email address of at least one of your Outlook account you can use the Aloaha Certificate in Outlook to digitally sign and encrypt emails. Please open the Outlook options from the Tools Menu and follow the steps below.

Options

? ×

ОК

Cancel

Open the "Security" Tab as shown at the right side.	Preferences       Mail Setup       Mail Format       Spelling       Security       Other       Delegates         Encrypted e-mail       Encrypted contents and attachments for outgoing messages       Encrypted contents and attachments for outgoing messages         Add digital signature to outgoing messages       Security signed message when sending signed messages         Request S/MINE receipt for all S/MINE signed messages       Default Setting:       Aloaha         Security Zones       Security zones allow you to customize whether scripts and active content can be run in HTML messages.       Zone:       Settings         Zone:       Change Automatic Download Settings       Download Pictures       Change Automatic Download Settings         Digital IDs or Certificates are documents that allow you to prove your identity in electronic transactions.       Publish to GAL       Import/Export       Get a Digital ID         OK       Cancel       Apply			
	Change Security Settings			
	Security Setting Preferences Security Setting Name:			
	kloaha 🗸			
	Cryptography Eormat: S/MIME			
	Default Security Setting for this cryptographic message format			
	Default Security Setting for all cryptographic messages			
Now press the Settings Button to	Security Labels New Delete Password			
configure/choose your digital Aloaha	Certificates and Algorithms			
Certificate.	Signing Certificate: Stefan Engelbert Choose			
	Hash Algorithm: SHA1			
	Encryption Certificate: Stefan Engelbert Choose			
	Send these certificates with signed messages			

Once you press OK you are ready to digitally sign and/or encrypt your emails!

### Configure the free Aloaha Class 1 Certificate to be used in Microsoft Outlook Express

To be able to use the Aloaha Certificates in Outlook Express please start Outlook Express and choose Tools/Accounts from the Menu

Browse to the "Mail" Tab and double click on that account which uses the same email address as your digital Aloaha Certificate.

😪 Alaoha Proper	ties 🤶 🕺			
General Servers	Connection Security Advanced IMAP			
Signing certificate				
Select the signing certificate below. This will determine the digital ID used when signing messages with this account.				
<u>C</u> ertificate:	Users Select			
Encrypting prefer	ences			
Select the encryption certificate and algorithm. These are included with your digitally signed messages so others can send encrypted mail to you with these settings.				
C <u>e</u> rtificate:	Users Seject			
Algorithm:	RC2 (128-bit)			
	OK Cancel Apply			

Under the "Security" Tab you can now choose and configure your digital signatures to be used in Outlook Express.

## Export a digital Certificate incl. private key to a .pfx file

It depends on the initial installation of your certificate if it is exportable or not. In case it is exportable you can open the Windows Certificate Manager to export your certificate to a pfx file.

Open the Certificate Manger from the command prompt with the command certmgr.msc

🔓 certmgr - [Certificates - Current User\Personal\Certificates]					
Ele Action View Help					
🗑 Certificates - Current User	Issued To 🔺	Issued By	Expiration Date	Intended Purposes	Friendly Name
🖻 🧰 Personal	🔛 Aloaha Public	aloaha	11/8/2006	Encrypting File Syste	<none></none>
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Enterprise Trust	🔛 Stefan Engelbert	aloaha	11/4/2006	Encrypting File Syste	<none></none>
Intermediate Certification Author	🔛 Stefan Engelbert	Stefan Engelbert	10/5/2010	<all></all>	<none></none>
Active Directory User Object	🔛 Stefan Engelbert	aloaha	1/21/2007	Encrypting File Syste	<none></none>
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	🔤 Stefan Engelbert@wrocklage	aloaha	11/23/2006	Encrypting File Syste	<none></none>
E Certificate Enrollment Requests					
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Right click on the certificate to be exported and choose "All Tasks/Export"



Choose a secure password to make sure that the private key of the pfx file is properly protected!