How to Order and Install Odette Certificates

Odette CA Help File and User Manual

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Preparation for Ordering an Odette Certificate

What you should know about certificates:

Certificates are used in a Public Key Infrastructure, where an asymmetric key pair is used to protect your data and communication. This key pair consists of a private key and a public key. The private key must remain securely on your computer and is not to be given to any other partner (including Odette). The public key is the one you share with your partners. It bears a number of attributes which basically identify the entity to which it belongs.

A certificate is a public key that has been signed by a Certification Authority (CA), a trusted third party entity, indicating that the information on the certificate has been checked and actually represents the entity that is listed as subject of the certificate.

Your partner's system will use the public key to encrypt information to be sent to you and your system will use the private key to decrypt the information. The decryption process can only be done with the private key; therefore your certificate is useless if you do not possess the private key. Similarly, when you send information, your system uses the appropriate public key (certificate) of your partner to encrypt data and your partner uses his/her private key to decrypt the information.

When ordering an Odette Certificate you should follow the steps below.

Step 1: Prepare the information you need for the order process

1. Certificate Attributes

Common Name (recommended: DHN e.g. edi.xyz.com)	
Email Address	
Location (City, Town)	
Country Code (2 alpha ISO Code)	
State or Province (optional)	
Company Name	
Department / Organisational Unit (optional)	
OFTP2 Server's Domain Host Name DHN (e.g. edi.xyz.com)	
IP Address (optional)	
Odette ID (SSID)	

2. Technical Contact

Name	
Company	
Position	
Email	
Address Line 1	
Address Line 2	
City	
Postal Code	
Telephone Number	

3. Invoicing Address

Invoicing address details (if different from Technical Contact details) and VAT Number (mandatory for companies located in the EU).

Name	
Company	
Position	
Email	
Address Line 1	
Address Line 2	
City	
Postal Code	
Telephone Number	
VAT Number	

4. Authentication Contact

Note: Odette uses the Authentication Contact to authorise and confirm that the person ordering the certificate (the Technical Contact) is entitled to obtain a certificate on behalf of the company or business unit. The Authentication Contact must work in the organisation where the certificate will be used, must hold a position giving her/him the necessary authority (e.g. head of EDI department, head of IT, managing director …) to authenticate the request and must have a company email address in his/her own name (generic addresses such as info@..., or admin@...) are not acceptable

Name	
Company	
Position	
Email	
Address Line 1	
Address Line 2	
City	
Postal Code	
Telephone Number	

Step 2: Generate a Certificate Signing Request

You can use any computer with internet access to prepare the CSR and to order the certificate but please note that if you do not use the computer which is deployed as the OFTP2 server you will need to transfer the certificate to the OFTP2 server at the end of the process.

For Windows users we have developed a toolkit application which provides an easy way of preparing the CSR.

The application has been successfully tested on Windows 7 and Windows 8, both 32 bit and 64 bit. Pre-conditions are:

- the right to install software on the computer as a local administrator
- the .net framework 3.5 SP1
- access to the web and the ability to download files

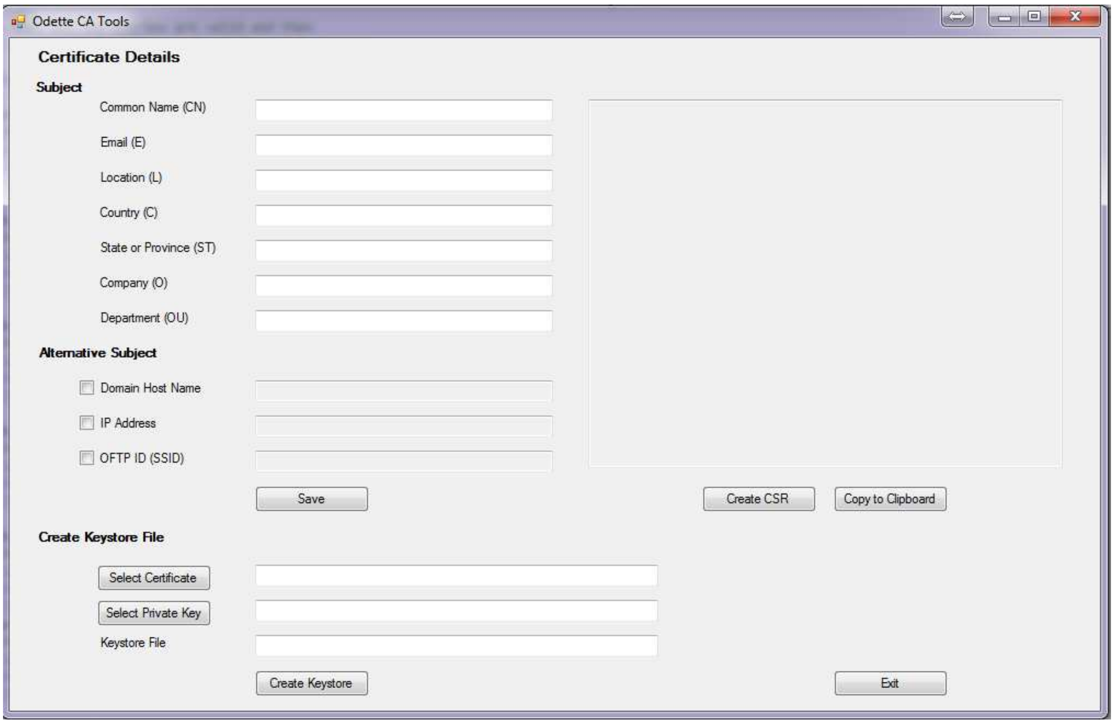
If you do not have sufficient rights on the data exchange server you can use any desktop computer for the process and when you have downloaded the signed certificate from Odette on to this computer you can transfer the private key and public key (certificate) as individual files or as PKC#12 keystore file (.pfx).

These are the steps to follow:

1. Download Odette CA Tools from: https://www.odette.org/repository/Odette-CA-Tools-2014-SHA1.zip
2. Extract the zip file to a folder where you have appropriate access rights.
3. Open the directory with the tools (e.g. C:\ Odette-CA-Tools-2014-SHA1) in Windows explorer.
4. Start the programme OdetteCATools-2014.exe

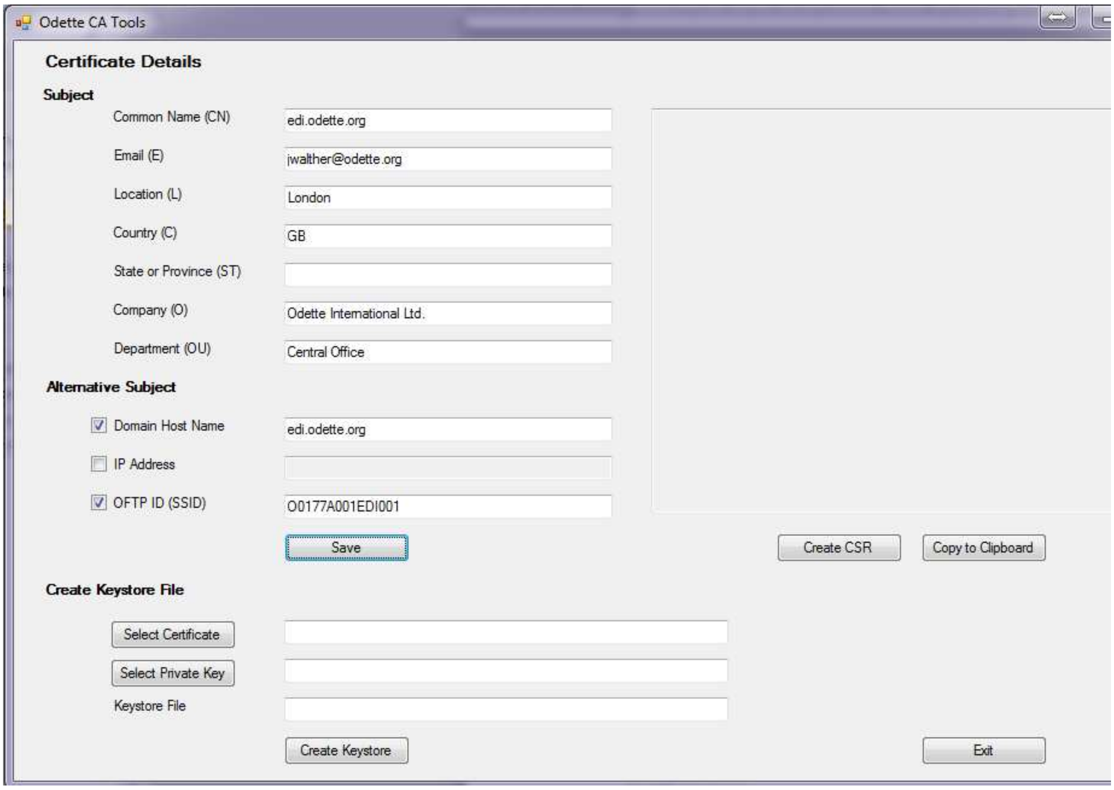
Starting the programme for the first time you may see a dialogue window asking whether to trust the unknown application. Select the trust option.

You will see this form:



5. Fill in the necessary fields.

Example:



Subject

Common Name (CN)	edi.odette.org
Email (E)	jwalther@odette.org
Location (L)	London
Country (C)	GB
State or Province (ST)	
Company (O)	Odette International Ltd.
Department (OU)	Central Office

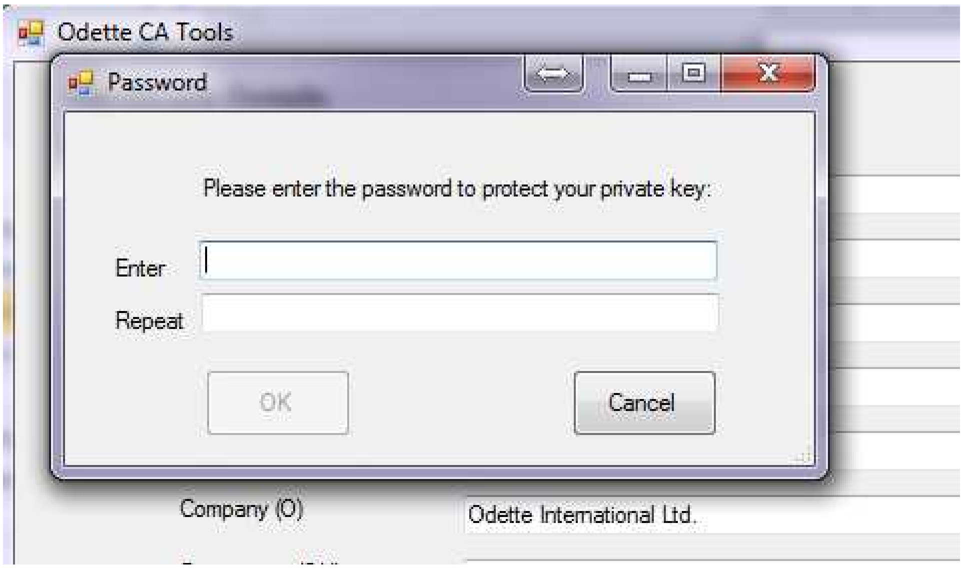
Alternative Subject

☑ Domain Host Name	edi.odette.org
□ IP Address	
☑ OFTP ID (SSID)	O0177A001EDI001

6. Click ***Save*** to store your certificate details permanently. Your settings will be saved and retrieved when you start the application next time.

7. Click ***Create CSR*** to create the actual certificate signing request.
   First, the system generates a key pair – your private key (which remains on your computer) and a public key that will be used to obtain the certificate.

   The private key has to be protected by a password. You will see this dialogue:



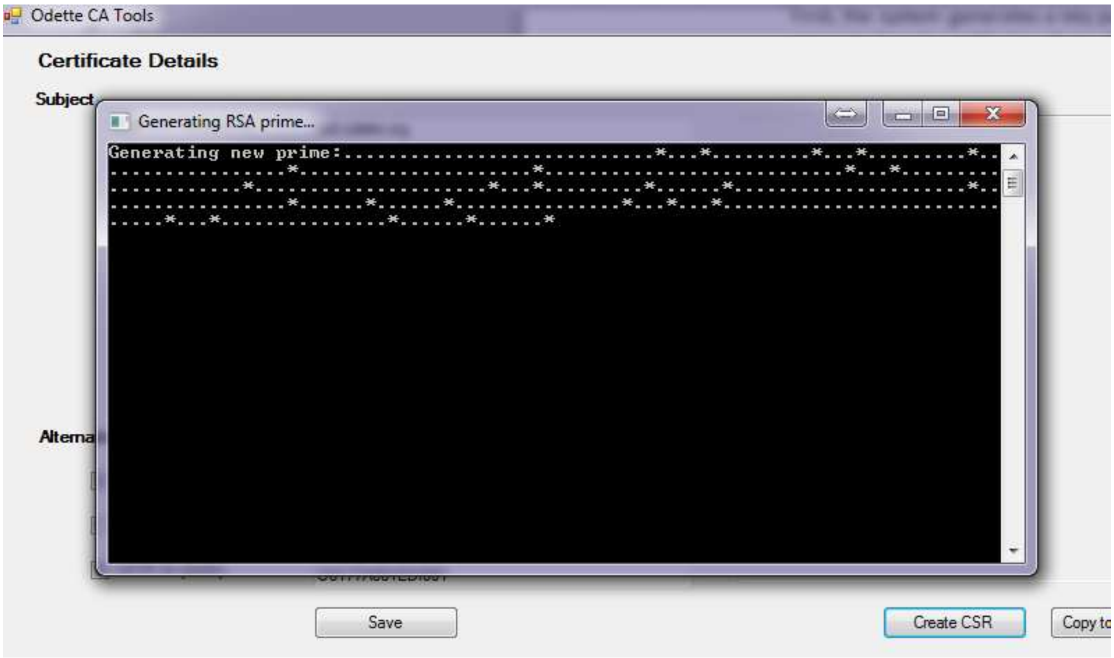
Please enter the password to protect your private key:

Enter

Repeat

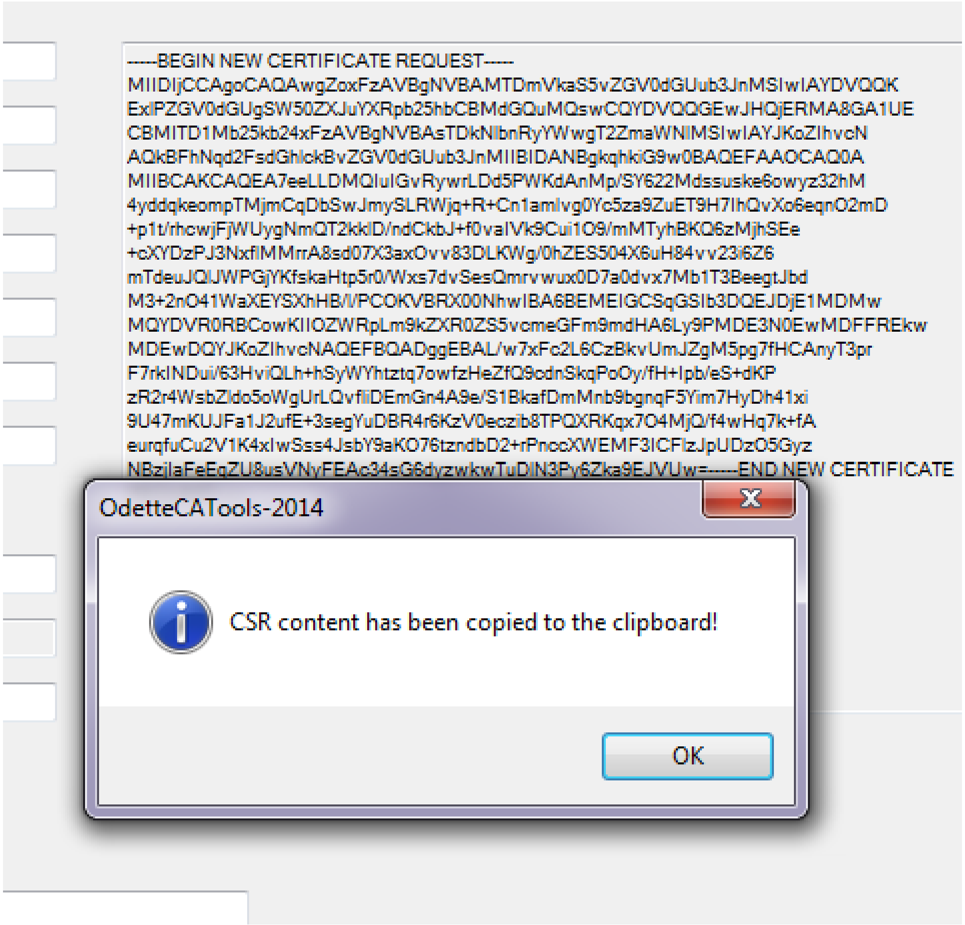
Company (O) Odette International Ltd.

Once you have typed your password and repeated it correctly, click **OK** and the system will generate the two keys …



```
Generating new prime:............................*...*.........*...*.........*..
................*.....................*...........................*...*.........
............*.....................*...*.........*......*.....................*..
................*......*......*...............*...*...*.........................
.....*...*...............*......*......*
```

followed by the CSR, which is automatically copied to the clipboard.



```
-----BEGIN NEW CERTIFICATE REQUEST-----
MIIDIjCCAgoCAQAwgZoxFzAVBgNVBAMTDmVkaS5vZGV0dGUub3JnMSIwIAYDVQQK
ExlPZGV0dGUgSW50ZXJuYXRpb25hbCBMdGQuMQswCQYDVQQGEwJHQjERMA8GA1UE
CBMITD1Mb25kb24xFzAVBgNVBAsTDkNlbnRyYWwgT2ZmaWNlMSIwIAYJKoZIhvcN
AQkBFhNqd2FsdGhlckBvZGV0dGUub3JnMIIBIDANBgkqhkiG9w0BAQEFAAOCAQ0A
MIIBCAKCAQEA7eeLLDMQlulGvRywrLDd5PWKdAnMp/SY622Mdssuske6owyz32hM
4yddqkeompTMjmCqDbSwJmySLRWjq+R+Cn1amlvg0Yc5za9ZuET9H7IhQvXo6eqnO2mD
+p1t/rhcwjFjWUygNmQT2kkID/ndCkbJ+f0vaIVk9Cui1O9/mMTyhBKQ6zMjhSEe
+cXYDzPJ3NxfIMMrrA8sd07X3axOvv83DLKWg/0hZES504X6uH84vv23i6Z6
mTdeuJQIJWPGjYKfskaHtp5r0/Wxs7dvSesQmrvwux0D7a0dvx7Mb1T3BeegtJbd
M3+2nO41WaXEYSXhHB/l/PCOKVBRX00NhwIBA6BEMEIGCSqGSIb3DQEJDjE1MDMw
MQYDVR0RBCowKIIOZWRpLm9kZXR0ZS5vcmeGFm9mdHA6Ly9PMDE3N0EwMDFFREkw
MDEwDQYJKoZIhvcNAQEFBQADggEBAL/w7xFc2L6CzBkvUmJZgM5pg7fHCAnyT3pr
F7rkINDui/63HviQLh+hSyWYhtztq7owfzHeZfQ9cdnSkqPoOy/fH+Ipb/eS+dKP
zR2r4WsbZldo5oWgUrLQvfliDEmGn4A9e/S1BkafDmMnb9bgnqF5Yim7HyDh41xi
9U47mKUJFa1J2ufE+3segYuDBR4r6KzV0eczib8TPQXRKqx7O4MjQ/f4wHq7k+fA
eurqfuCu2V1K4xIwSss4JsbY9aKO76tzndbD2+rPnccXWEMF3ICFlzJpUDzO5Gyz
NBzjlaFeEqZU8usVNyFEAc34sG6dyzwkwTuDIN3Py6Zka9EJVUw=-----END NEW CERTIFICATE
```

CSR content has been copied to the clipboard!

In parallel, a text file with the CSR is generated in your working directory (i.e. where your application runs).

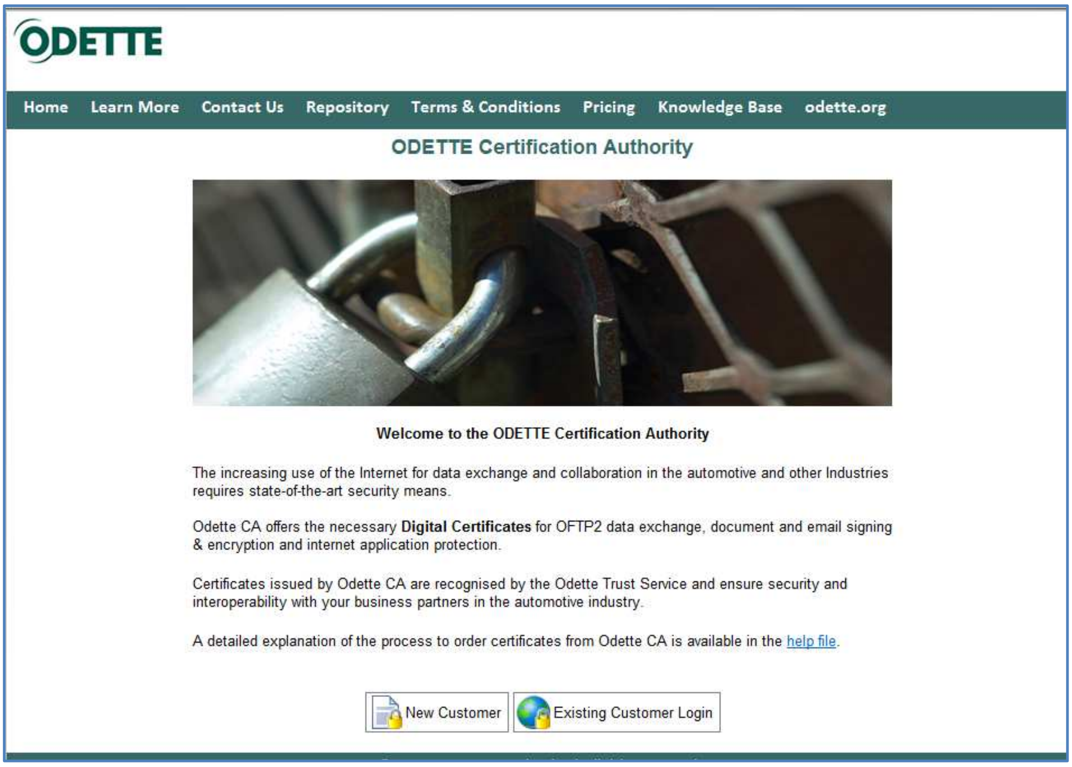
If you prefer to use a different tool, such as Portecle or Keystore Explorer, to create the CSR, please refer to these videos:

- Portecle (German)
- Keystore Explorer (English)

Continue as described in the next chapter

Log on to the Odette CA and start the order process

Log on to the Odette CA web site via https://www.odetteca.com



ODETTE Certification Authority

Welcome to the ODETTE Certification Authority

The increasing use of the Internet for data exchange and collaboration in the automotive and other Industries requires state-of-the-art security means.

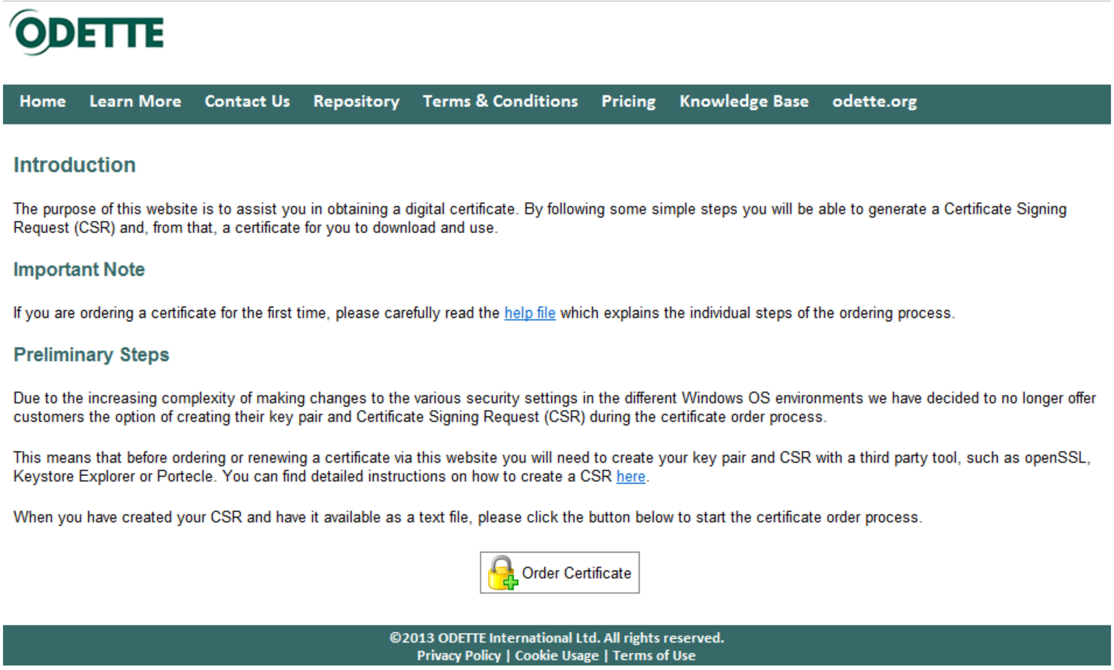
Odette CA offers the necessary **Digital Certificates** for OFTP2 data exchange, document and email signing & encryption and internet application protection.

Certificates issued by Odette CA are recognised by the Odette Trust Service and ensure security and interoperability with your business partners in the automotive industry.

A detailed explanation of the process to order certificates from Odette CA is available in the help file.

If you are ordering a certificate for the first time, click on *New Customer* (your user account will be created during the order process).

If you have bought an Odette certificate previously and want to renew it or order a different one or if you want to download or revoke an existing Odette certificate, click on *Existing Customer Login*.



Introduction

The purpose of this website is to assist you in obtaining a digital certificate. By following some simple steps you will be able to generate a Certificate Signing Request (CSR) and, from that, a certificate for you to download and use.

Important Note

If you are ordering a certificate for the first time, please carefully read the help file which explains the individual steps of the ordering process.

Preliminary Steps

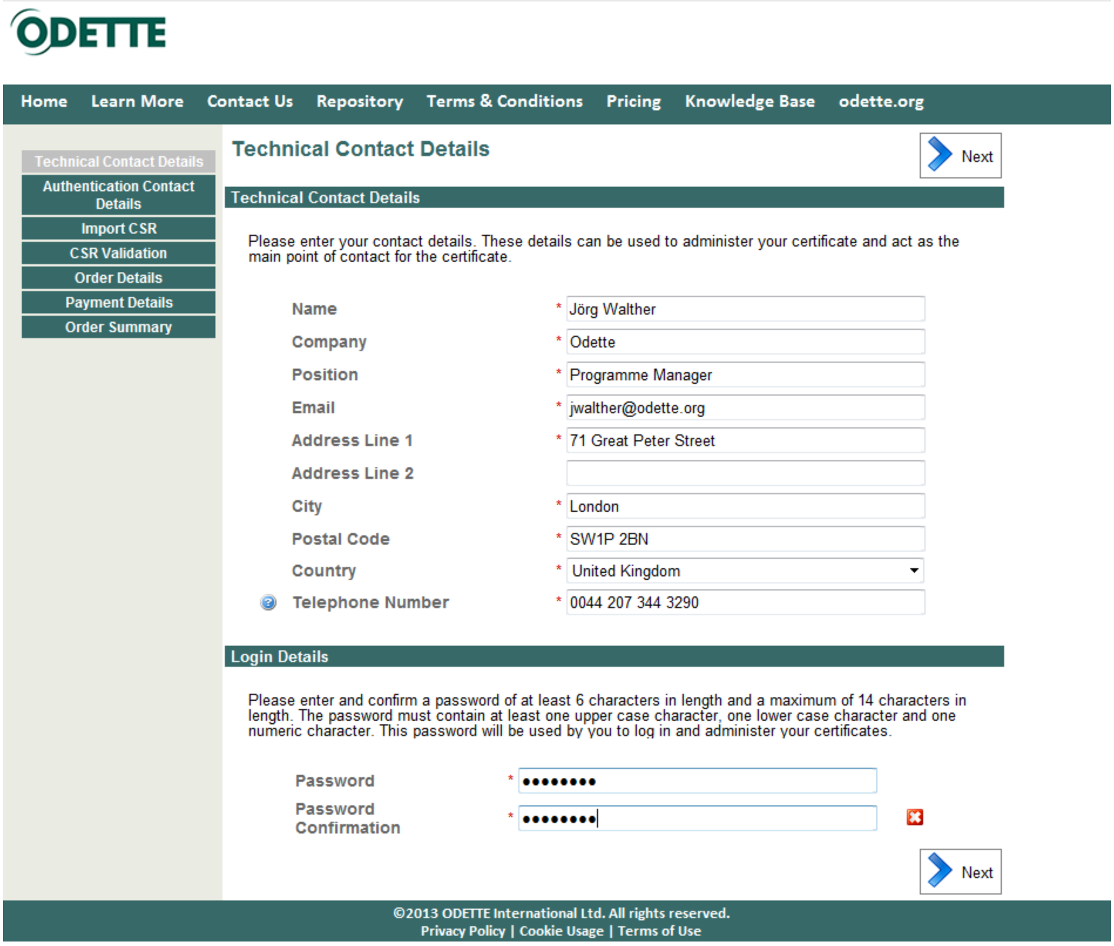
Due to the increasing complexity of making changes to the various security settings in the different Windows OS environments we have decided to no longer offer customers the option of creating their key pair and Certificate Signing Request (CSR) during the certificate order process.

This means that before ordering or renewing a certificate via this website you will need to create your key pair and CSR with a third party tool, such as openSSL, Keystore Explorer or Portecle. You can find detailed instructions on how to create a CSR here.

When you have created your CSR and have it available as a text file, please click the button below to start the certificate order process.

Click on *Order Certificate*

You will be prompted to enter the details of the Technical Contact, who will also be the registered user of the Odette CA application.



Technical Contact Details

Technical Contact Details

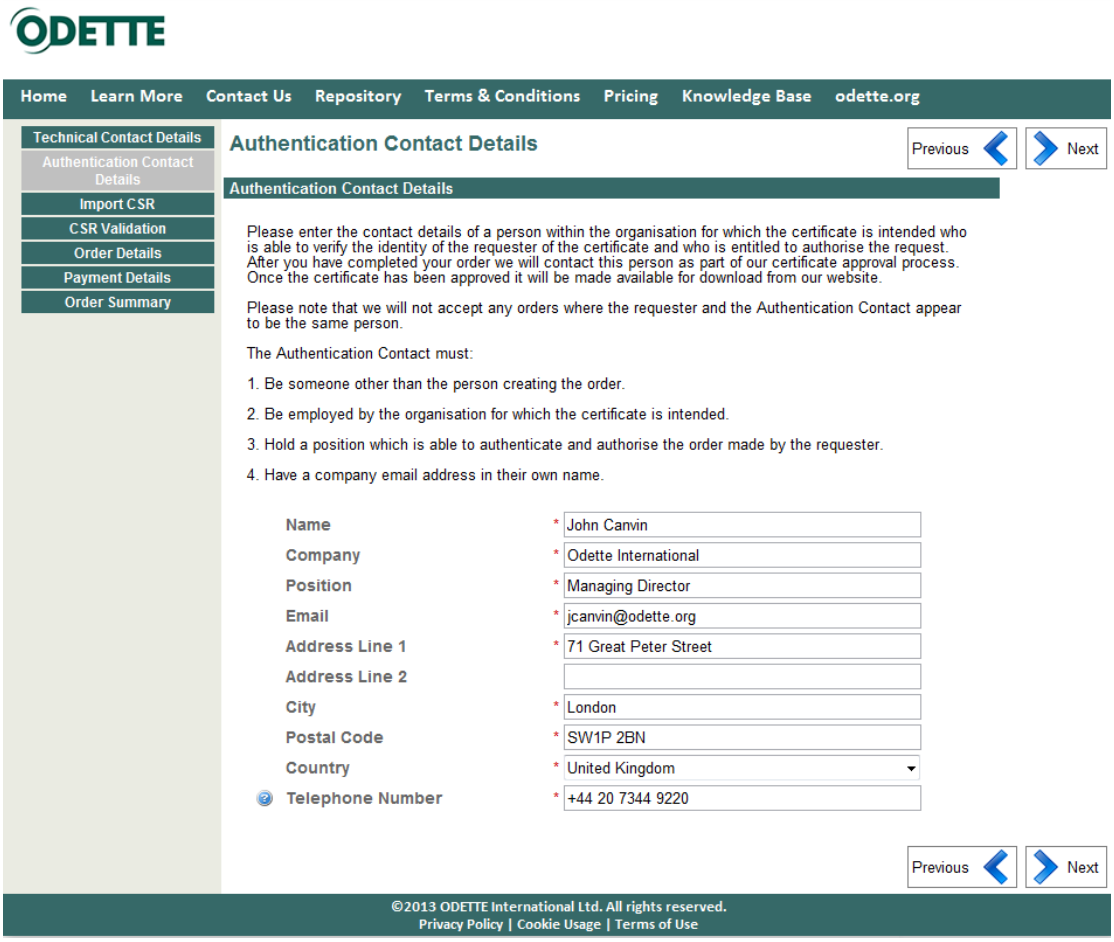
Please enter your contact details. These details can be used to administer your certificate and act as the main point of contact for the certificate.

Name *	Jörg Walther
Company *	Odette
Position *	Programme Manager
Email *	jwalther@odette.org
Address Line 1 *	71 Great Peter Street
Address Line 2	
City *	London
Postal Code *	SW1P 2BN
Country *	United Kingdom
Telephone Number *	0044 207 344 3290

Login Details

Please enter and confirm a password of at least 6 characters in length and a maximum of 14 characters in length. The password must contain at least one upper case character, one lower case character and one numeric character. This password will be used by you to log in and administer your certificates.

Password *	••••••••
Password Confirmation *	••••••••



Authentication Contact Details

Authentication Contact Details

Please enter the contact details of a person within the organisation for which the certificate is intended who is able to verify the identity of the requester of the certificate and who is entitled to authorise the request. After you have completed your order we will contact this person as part of our certificate approval process. Once the certificate has been approved it will be made available for download from our website.

Please note that we will not accept any orders where the requester and the Authentication Contact appear to be the same person.

The Authentication Contact must:

1. Be someone other than the person creating the order.

2. Be employed by the organisation for which the certificate is intended.

3. Hold a position which is able to authenticate and authorise the order made by the requester.

4. Have a company email address in their own name.

Name	*	John Canvin
Company	*	Odette International
Position	*	Managing Director
Email	*	jcanvin@odette.org
Address Line 1	*	71 Great Peter Street
Address Line 2		
City	*	London
Postal Code	*	SW1P 2BN
Country	*	United Kingdom
Telephone Number	*	+44 20 7344 9220

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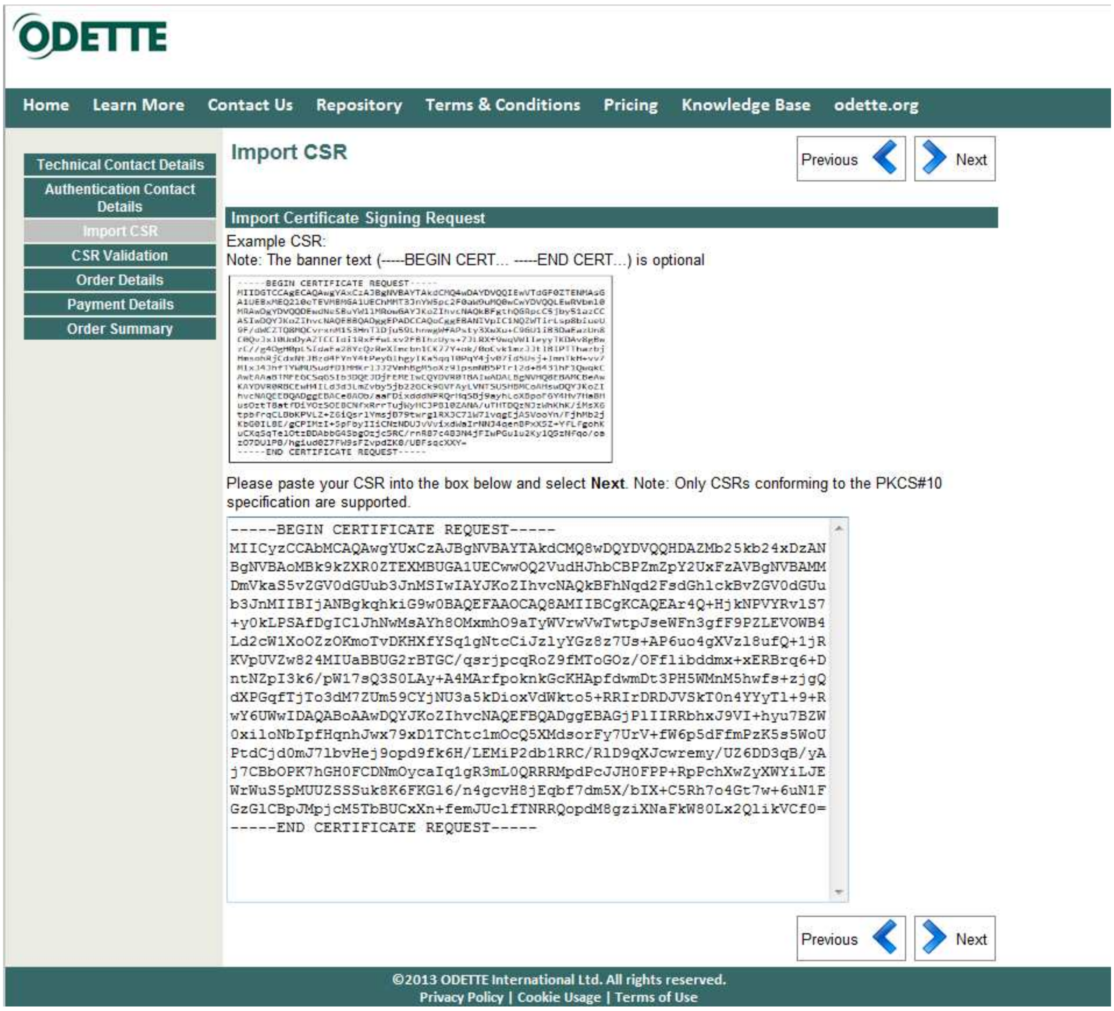
The Authentication Contact is used to verify your certificate request. He/she will be asked to confirm the data provided by you and that you are authorised to request a certificate on behalf of your company or department. Depending on the structure of your company the Authentication Contact could be the head of your department, the CIO or the managing director.

Please note that the Authentication Contact must:

i. Belong to the organisation for which the certificate is intended
ii. Be in a position to authorise the certificate order
iii. Have a company email address in their own name
iv. Be a different person from the Technical Contact.

Click '*Next*' to continue to the Import CSR Page.



Import CSR

Import Certificate Signing Request

Example CSR:
Note: The banner text (-----BEGIN CERT... -----END CERT...) is optional

```
-----BEGIN CERTIFICATE REQUEST-----
MIIDGTCCAgECAQAwgYAxCzAJBgNVBAYTAkdCMQ4wDAYDVQQIEwVTdGF0ZTENMAsG
A1UEBxMEQ210eTEVMBMGA1UEChMMT3JnYW5pc2F0aW9uMQ0wCwYDVQQLEwRVbml0
MRAwDgYDVQQDEwdNeSBuYW1lMRowGAYJKoZIhvcNAQkBFgthQGRpcC5jby51azCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANIVpIC1NQ2WTirLsp8biueU
9F/dWCZTQ8MOCvrxnM153HnT1Dju59LhnwgWfAPsty3XwXu+C96U1i83DaFazUn8
C0QvJx10UoDyAZTCCIdi1RxFfwLxv2FBIhzUys+7JLRX+9wqVWlIwyyTKDAv8gBw
zC//g4OgH0pLSIdaFa28YcQzReXImcbn1CK77Y+ok/0oCvk1mzJJt1BIPTThazbj
HmsohRjCdxNtJBzd4FYnY4tPeyGlhgyIKa5qq10PqY4jv0Zid5Usj+ImnTkH+vv7
M1xJ4JhfTYWMUSudfDIMMKr1J32VmhBgM5oXz9lpsmNB5PIr12d+8431hF3QwqkC
AwEAAaBTMFEGCSqGSIb3DQEJDjFEMEIwCQYDVR0TBAIwADALBgNVHQ8EBAMCBeAw
KAYDVR0RBCEwH4ILd3d3LmZvby5jb22GCk9GVFAyLVNTSUSHBMCoAHswDQYJKoZI
hvcNAQEEBQADggEBACe0AOb/aaFDixdddNPRQrHq5Bj9ayhLoX0poF6Y4Hv7HaBH
usOztT8atfD1YOz5OE8CNfxRrrTujWyHCJPB10ZANA/uTHTDQzNJzWhKhK/iMsX6
tpbFrqCLDbKPVLZ+Z6iQsr1YmsjD79twrg1RXJC71W71vqgEjASVooYn/FjhMb2j
KbG0IL8E/gCPIMzI+SpFbyII1CNzNDUJvVvixdWaIrNNJ4qenBPxXSZ+YFLFgohK
uCXqSqTelOtzBDAbbG4SbgOzjc5RC/rnR87c483N4jFIwPGu1u2Ky1QSzNFqo/oa
zO7DU1PB/hgiud0Z7FW9sFZvpdZK8/UBFsqcXXY=
-----END CERTIFICATE REQUEST-----
```

Please paste your CSR into the box below and select **Next**. Note: Only CSRs conforming to the PKCS#10 specification are supported.

```
------BEGIN CERTIFICATE REQUEST------
MIICyzCCAbMCAQAwgYUxCzAJBgNVBAYTAkdCMQ8wDQYDVQQHDAZMb25kb24xDzAN
BgNVBAoMBk9kZXR0ZTEXMBUGA1UECwwOQ2VudHJhbCBPZmZpY2UxFzAVBgNVBAMM
DmVkaS5vZGV0dGUub3JnMSIwIAYJKoZIhvcNAQkBFhNqd2FsdGhlckBvZGV0dGUu
b3JnMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAr4Q+HjkNPVYRvlS7
+y0kLPSAfDgIClJhNwMsAYh8OMxmhO9aTyWVrwVwTwtpJseWFn3gfF9PZLEVOWB4
Ld2cW1XoOZzOKmoTvDKHXfYSq1gNtcCiJzlyYGz8z7Us+AP6uo4gXVzl8ufQ+1jR
KVpUVZw824MIUaBBUG2rBTGC/qsrjpcqRoZ9fMToGOz/OFflibddmx+xERBrq6+D
ntNZpI3k6/pW17sQ3S0LAy+A4MArfpoknkGcKHApfdwmDt3PH5WMnM5hwfs+zjgQ
dXPGqfTjTo3dM7ZUm59CYjNU3a5kDioxVdWkto5+RRIrDRDJVSkT0n4YYyTl+9+R
wY6UWwIDAQABoAAwDQYJKoZIhvcNAQEFBQADggEBAGjPlIIRRbhxJ9VI+hyu7BZW
0xiloNbIpfHqnhJwx79xD1TChtc1mOcQ5XMdsorFy7UrV+fW6p5dFfmPzK5s5WoU
PtdCjd0mJ7lbvHej9opd9fk6H/LEMiP2db1RRC/R1D9qXJcwremy/UZ6DD3qB/yA
j7CBbOPK7hGH0FCDNmOycaIq1gR3mL0QRRRMpdPcJJH0FPP+RpPchXwZyXWYiLJE
WrWuS5pMUUZSSSuk8K6FKGl6/n4gcvH8jEqbf7dm5X/bIX+C5Rh7o4Gt7w+6uN1F
GzGlCBpJMpjcM5TbBUCxXn+femJUclfTNRRQopdM8gziXNaFkW80Lx2QlikVCf0=
-----END CERTIFICATE REQUEST-----
```

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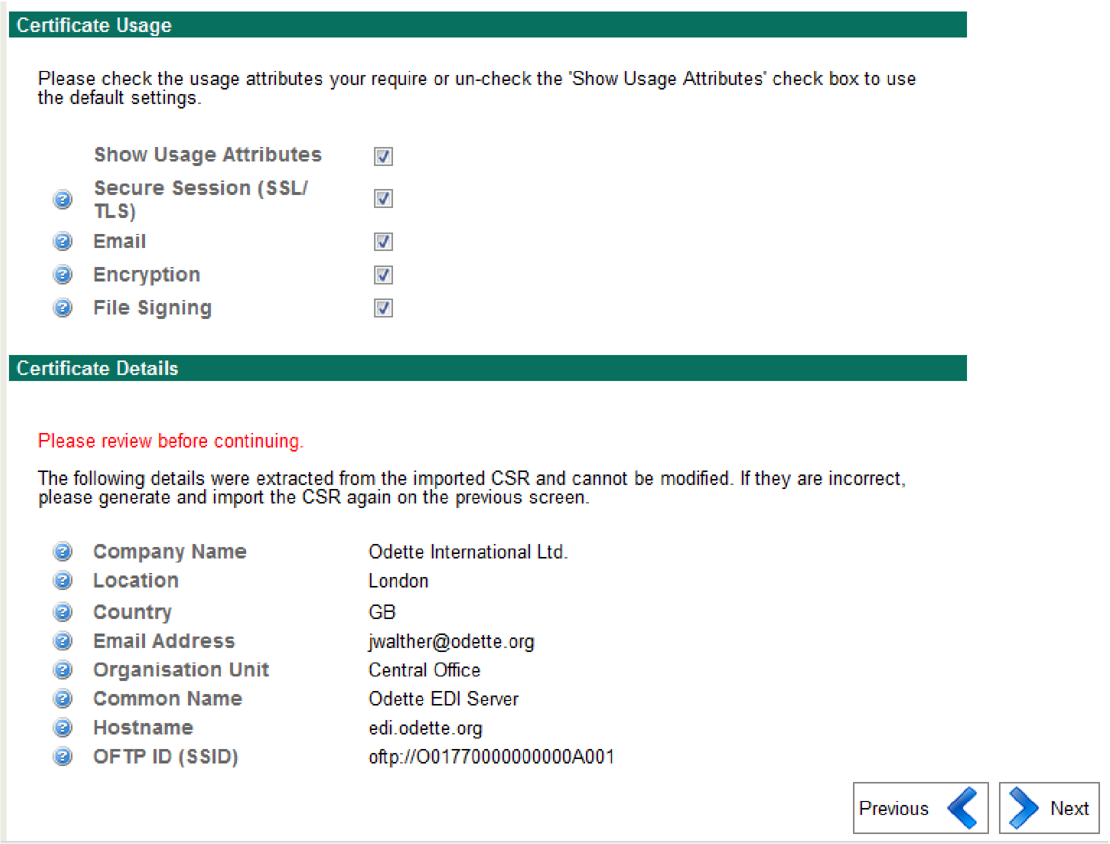
If you have created a key pair and a corresponding CSR with the Odette CA Toolkit application you can simply copy the CSR content from the application to the clipboard and paste it into this form.

If you used a different tool or the manual (Batch) process you should open the CSR text file and copy the content into the corresponding space in the Odette CA application.

Click '*Next*' to continue to the CSR Validation Page.



Certificate Usage

Please check the usage attributes your require or un-check the 'Show Usage Attributes' check box to use the default settings.

Show Usage Attributes	☑
Secure Session (SSL/TLS)	☑
Email	☑
Encryption	☑
File Signing	☑

Certificate Details

Please review before continuing.

The following details were extracted from the imported CSR and cannot be modified. If they are incorrect, please generate and import the CSR again on the previous screen.

Company Name	Odette International Ltd.
Location	London
Country	GB
Email Address	jwalther@odette.org
Organisation Unit	Central Office
Common Name	Odette EDI Server
Hostname	edi.odette.org
OFTP ID (SSID)	oftp://O01770000000000A001

<u>Certificate Usage</u>

In the above example, the certificate can be used for various purposes. By default, all the listed certificate usage attributes are enabled. If you want to connect your OFTP2 system to other OFTP2 systems, at least “Secure Session (SSL/TLS)” must be enabled, Encryption (i.e. file encryption) and File Signing are advanced functions of OFTP2 and can be used in addition to TLS session security. Email (encryption and signing) is an application outside the scope of OFTP2 but is also supported by Odette certificates.

<u>Certificate Details</u>

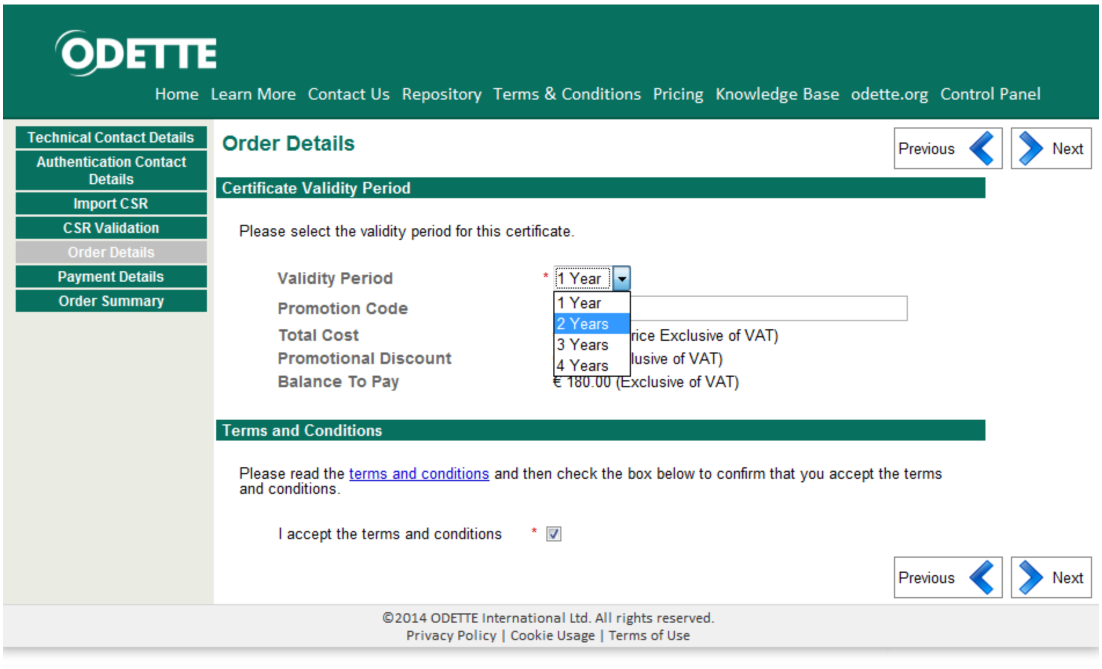
Check that all your certificate details are correctly submitted. If anything is incorrect, you will need to create a correct CSR and import the CSR once again. Please note that current implementations of OFTP2 at some companies require the OFTP2 servers of their business partners to use qualified domain names which are registered and resolvable by the domain name system (DNS). This qualified domain name must be shown in the attribute ‘Common Name’.

If your CSR does not already contain a SSID for OFTP2 and you intend to use the certificate for OFTP2 data exchange, you should now enter your SSID (aka OFTP ID or Odette ID).

Click ‘*Next*’ to continue.

On this page you select the desired validity period of the certificate (1, 2, 3 or 4 years).

Before continuing, you must also accept the Odette CA terms and conditions.



Order Details

Certificate Validity Period

Please select the validity period for this certificate.

Validity Period	* 1 Year
Promotion Code	
Total Cost	rice Exclusive of VAT)
Promotional Discount	lusive of VAT)
Balance To Pay	€ 180.00 (Exclusive of VAT)

Terms and Conditions

Please read the terms and conditions and then check the box below to confirm that you accept the terms and conditions.

I accept the terms and conditions * ☑

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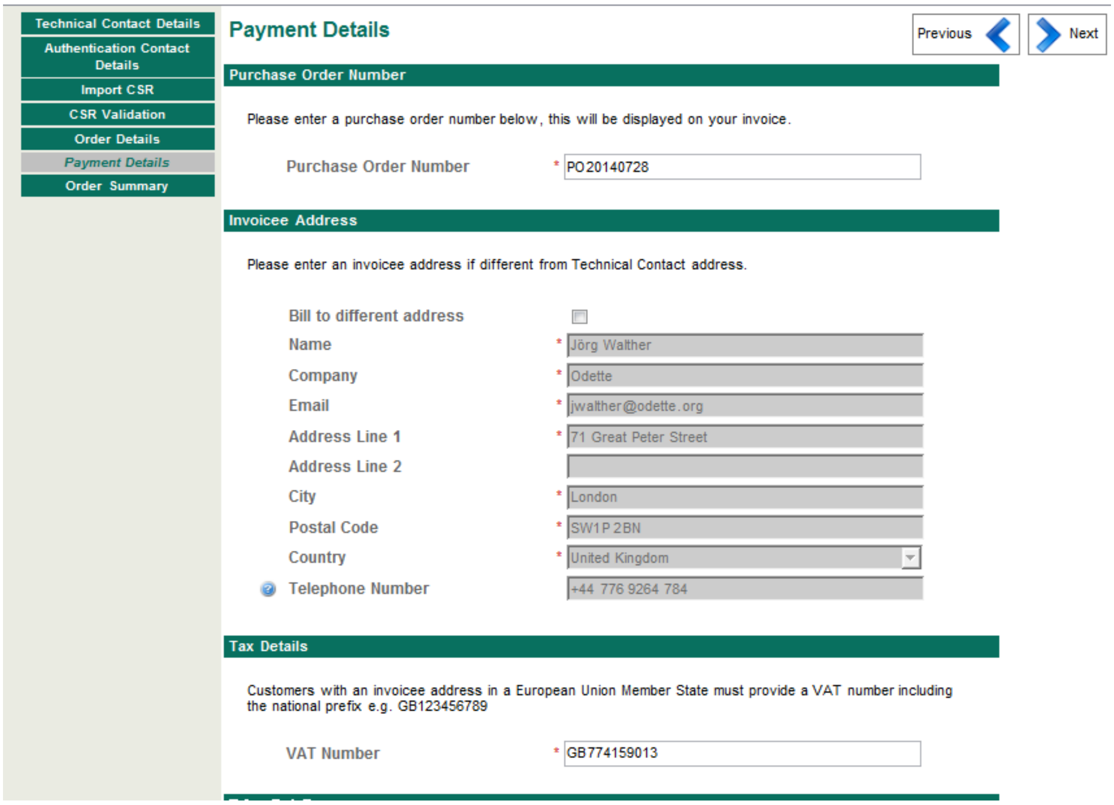
Click *Next* to continue.

Purchase Order: You need to enter an order reference which will be included in your invoice.

By default, the invoicing address is the one entered for the Technical Contact.
If you wish the invoice to be sent to a different address or a different company, tick the box “Bill to new address” and enter the different address data.

Companies situated in the EU must provide their VAT registration number (including the appropriate country prefix).



Payment Details

Purchase Order Number

Please enter a purchase order number below, this will be displayed on your invoice.

Purchase Order Number	* PO20140728

Invoicee Address

Please enter an invoicee address if different from Technical Contact address.

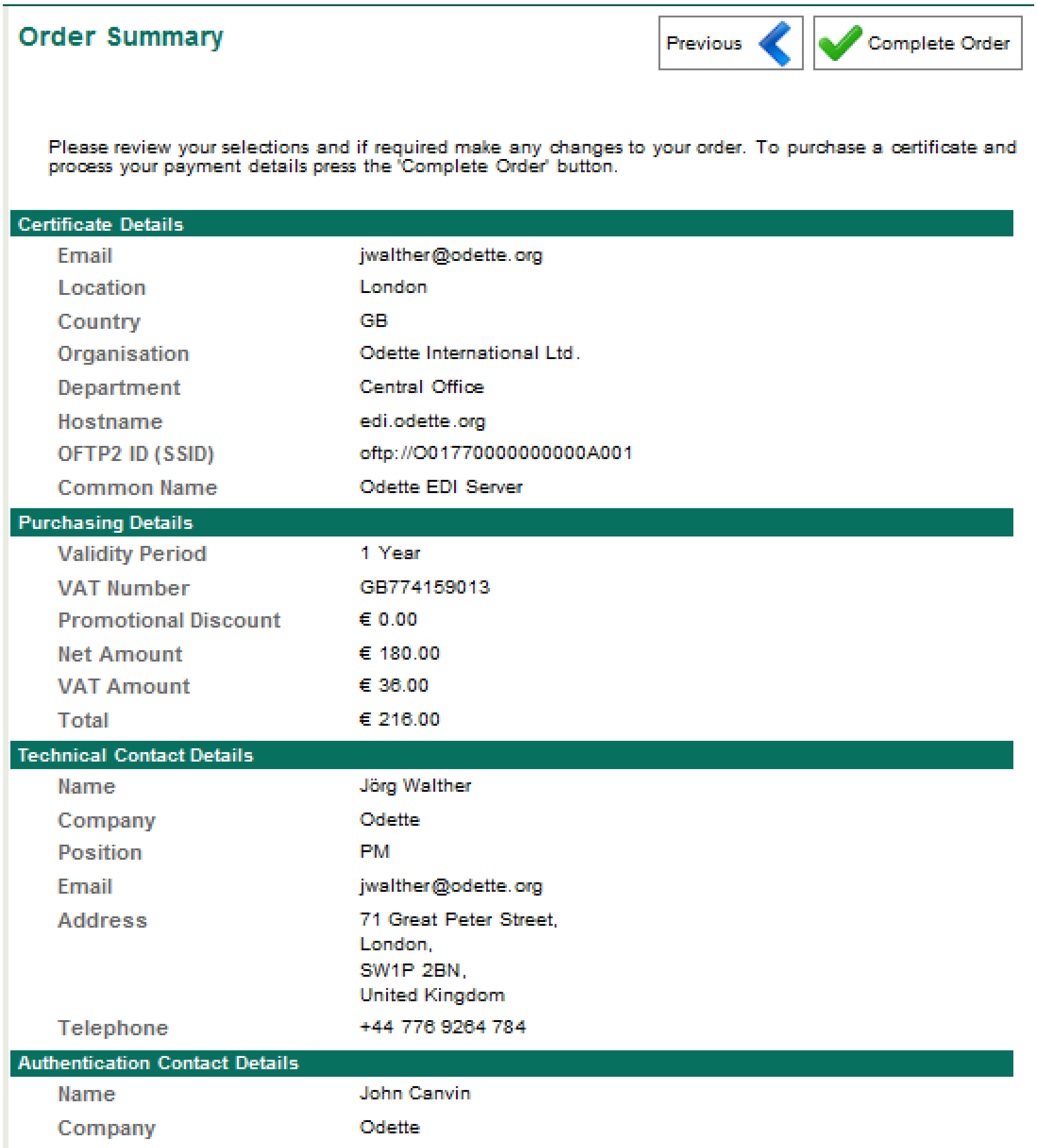
Bill to different address	□
Name	* Jörg Walther
Company	* Odette
Email	* jwalther@odette.org
Address Line 1	* 71 Great Peter Street
Address Line 2	
City	* London
Postal Code	* SW1P 2BN
Country	* United Kingdom
Telephone Number	+44 776 9264 784

Tax Details

Customers with an invoicee address in a European Union Member State must provide a VAT number including the national prefix e.g. GB123456789

VAT Number	* GB774159013

Click *Next* to continue.

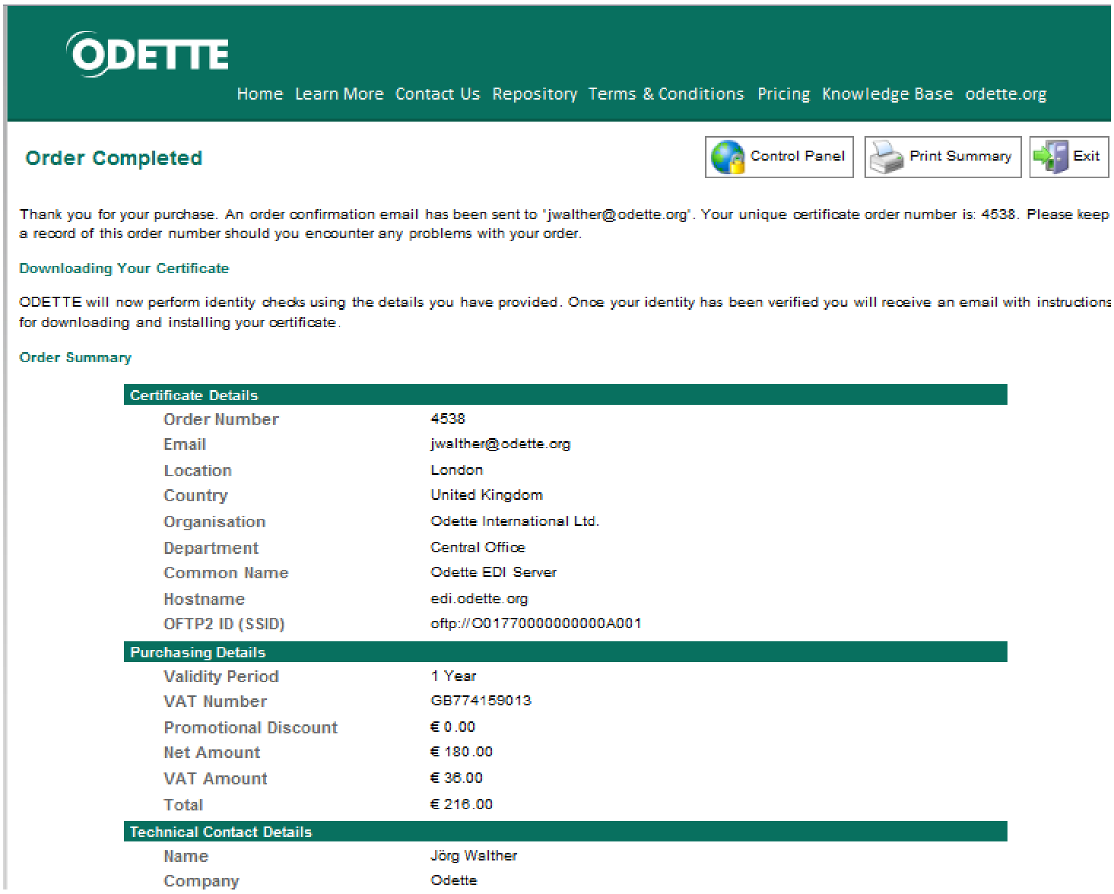


Order Summary

Please review your selections and if required make any changes to your order. To purchase a certificate and process your payment details press the 'Complete Order' button.

Certificate Details	
Email	jwalther@odette.org
Location	London
Country	GB
Organisation	Odette International Ltd.
Department	Central Office
Hostname	edi.odette.org
OFTP2 ID (SSID)	oftp://O01770000000000A001
Common Name	Odette EDI Server
Purchasing Details	
Validity Period	1 Year
VAT Number	GB774159013
Promotional Discount	€ 0.00
Net Amount	€ 180.00
VAT Amount	€ 36.00
Total	€ 216.00
Technical Contact Details	
Name	Jörg Walther
Company	Odette
Position	PM
Email	jwalther@odette.org
Address	71 Great Peter Street, London, SW1P 2BN, United Kingdom
Telephone	+44 776 9264 784
Authentication Contact Details	
Name	John Canvin
Company	Odette

A summary of your order will be displayed. Check carefully and, if OK, click *Complete Order*.


ODETTE
Home Learn More Contact Us Repository Terms & Conditions Pricing Knowledge Base odette.org
Control Panel
Print Summary
Exit

Order Completed

Thank you for your purchase. An order confirmation email has been sent to 'jwalther@odette.org'. Your unique certificate order number is: 4538. Please keep a record of this order number should you encounter any problems with your order.

Downloading Your Certificate

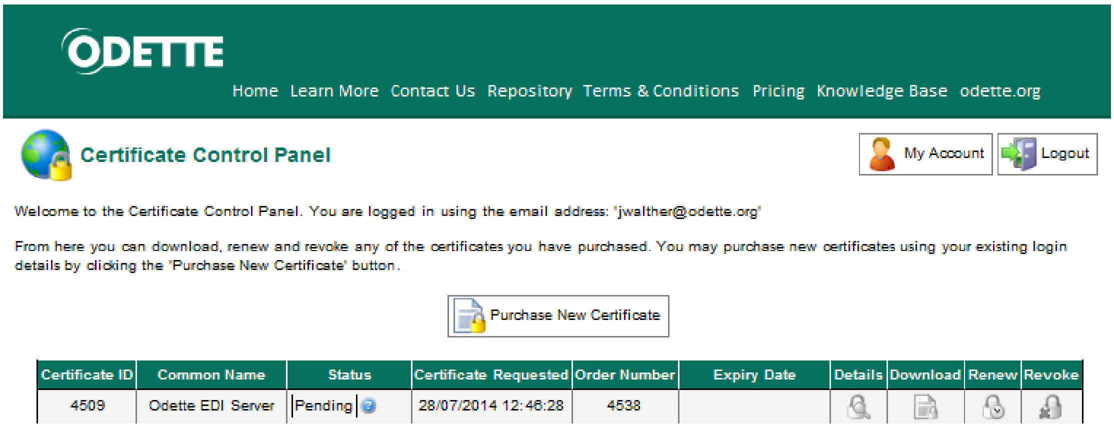
ODETTE will now perform identity checks using the details you have provided. Once your identity has been verified you will receive an email with instructions for downloading and installing your certificate.

Order Summary

Certificate Details	
Order Number	4538
Email	jwalther@odette.org
Location	London
Country	United Kingdom
Organisation	Odette International Ltd.
Department	Central Office
Common Name	Odette EDI Server
Hostname	edi.odette.org
OFTP2 ID (SSID)	oftp://O01770000000000A001
Purchasing Details	
Validity Period	1 Year
VAT Number	GB774159013
Promotional Discount	€ 0.00
Net Amount	€ 180.00
VAT Amount	€ 36.00
Total	€ 216.00
Technical Contact Details	
Name	Jörg Walther
Company	Odette

We recommend to print the order summary and to keep it in your files. You will need this information when you have to renew your certificate at the end of the validity period.

When you click on the Control Panel button, you can logon yourself onto the application using the email and password you have selected during the registration process and you will find your certificates / requests there.


ODETTE
Home Learn More Contact Us Repository Terms & Conditions Pricing Knowledge Base odette.org
My Account
Logout
Purchase New Certificate

Certificate Control Panel

Welcome to the Certificate Control Panel. You are logged in using the email address: 'jwalther@odette.org'

From here you can download, renew and revoke any of the certificates you have purchased. You may purchase new certificates using your existing login details by clicking the 'Purchase New Certificate' button.

Certificate ID	Common Name	Status	Certificate Requested	Order Number	Expiry Date	Details	Download	Renew	Revoke
4509	Odette EDI Server	Pending	28/07/2014 12:46:28	4538					

Order confirmation

You will receive an order confirmation by email.

```
Dear [user name],

Thank you for purchasing a digital certificate from ODETTE.

Your unique certificate order number is: 4538. Please keep a record of
this number in case of any problems with your order. To view the status
of your certificate order or purchase further certificates please log
into your account control panel using your email address and password
provided during purchase. The account control panel is available at the
following address: https://www.odetteca.com

Should you have any queries or problems please email us at
odetteca@odette.org

Certificate Details:
********************
...
```

Validation and approval process

Shortly after the order has been made, the Odette CA will start the validation process which is based on the Odette CA Certificate Policy.

The Odette CA Registration Authority will validate the information provided in the CSR. Furthermore your authentication contact will receive documents to be signed and returned in order to approve your request and initiate the issuing process. Usually, the return of these documents determines how long it takes to issue the certificate.

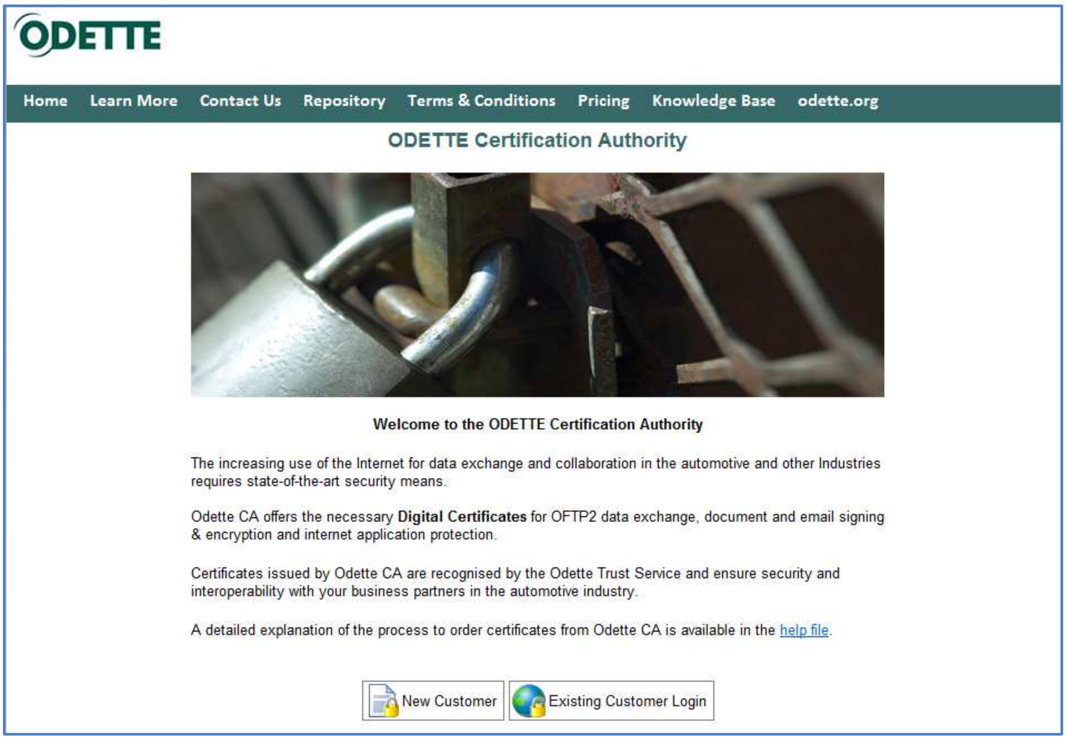
Upon approval of the request, the certificate will be issued and you will receive information via email:

```
Dear [user name],

We are pleased to inform you that your certificate with order reference
of: xxxx has now been issued. This means that your identity has been
confirmed and you may download and start using the certificate.

An invoice has been attached to this email. If payment is not received
within 30 days of the date of this email your certificate will be
revoked and will cease to be valid.

To download and start using your certificate please login to your
account control panel and follow the on screen instructions. To log in
please navigate your browser to the following address:
https://www.odetteca.com

Thank you for choosing ODETTE.

~~~~~~~
```

The invoice (pdf) for the certificate will be attached to this email.

Download the certificate

Click *Existing Customer Login* to log into the CA application with your user credentials.



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ODETTE Certification Authority

Welcome to the ODETTE Certification Authority

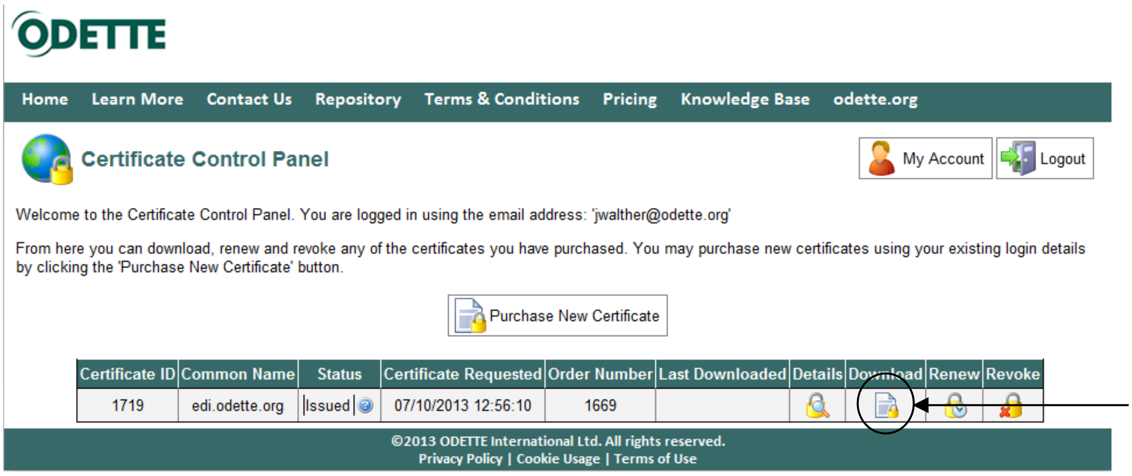
The increasing use of the Internet for data exchange and collaboration in the automotive and other Industries requires state-of-the-art security means.

Odette CA offers the necessary **Digital Certificates** for OFTP2 data exchange, document and email signing & encryption and internet application protection.

Certificates issued by Odette CA are recognised by the Odette Trust Service and ensure security and interoperability with your business partners in the automotive industry.

A detailed explanation of the process to order certificates from Odette CA is available in the help file.

The control panel will show your certificates and their status.



ODETTE
Home Learn More Contact Us Repository Terms & Conditions Pricing Knowledge Base odette.org
My Account
Logout

Certificate Control Panel

Welcome to the Certificate Control Panel. You are logged in using the email address: 'jwalther@odette.org'

From here you can download, renew and revoke any of the certificates you have purchased. You may purchase new certificates using your existing login details by clicking the 'Purchase New Certificate' button.

Certificate ID	Common Name	Status	Certificate Requested	Order Number	Last Downloaded	Details	Download	Renew	Revoke
1719	edi.odette.org	Issued	07/10/2013 12:56:10	1669					

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Privacy Policy | Cookie Usage | Terms of Use

Click the Download icon alongside the appropriate certificate to start the download process.

Further details on installation of Odette certificates can be found in Annexe 1.

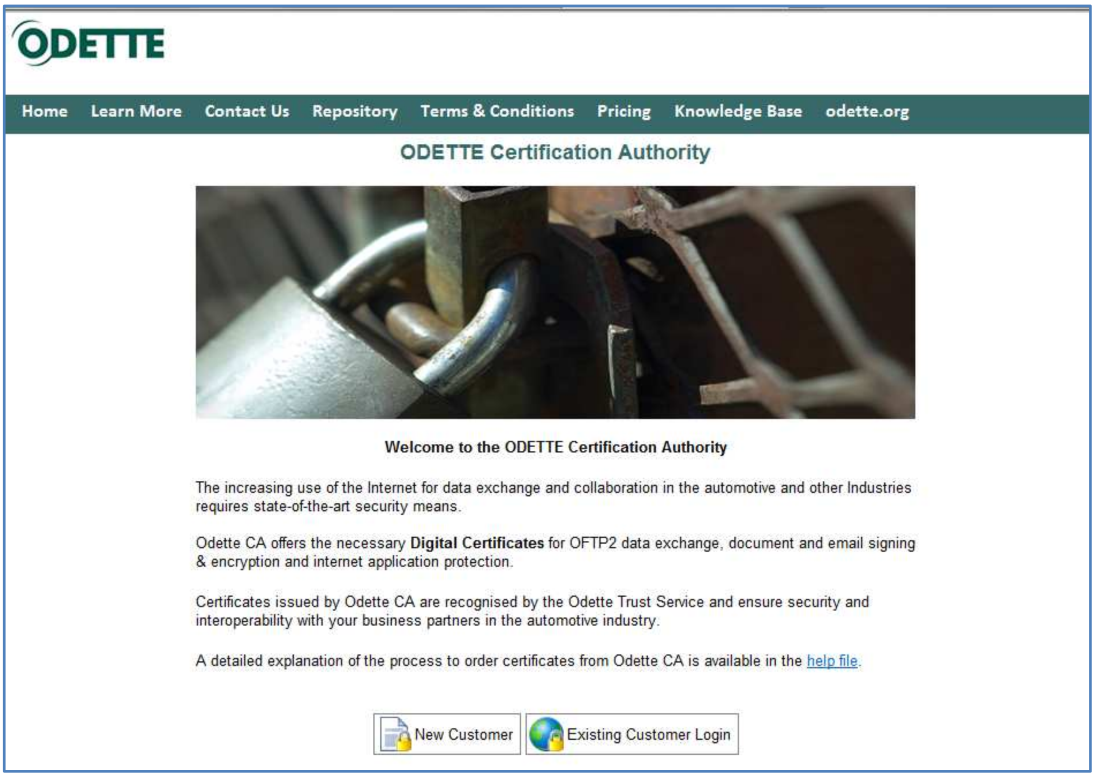
Renew a certificate

Important Note:
In the environment of the Odette CA *renewal* means to issue a new certificate with the same properties as the previous one. However, to protect your privacy a renewed certificate also requires a new private and public key.

Some OFTP2 software systems use their own key store and are programmed in a way that they only accept a renewed certificate if it refers to the existing private key. In these systems you cannot use the renewal process as described here; instead you must install a **new certificate** when the existing one expires or becomes invalid.

Prepare a new Certificate Signing Request as described in chapter Generate a Certificate Signing Request .

Log into the Odette CA application under https://www.odetteca.com .
Click *Existing Customer Login* to log into the CA application with your user credentials.



ODETTE Certification Authority

Welcome to the ODETTE Certification Authority

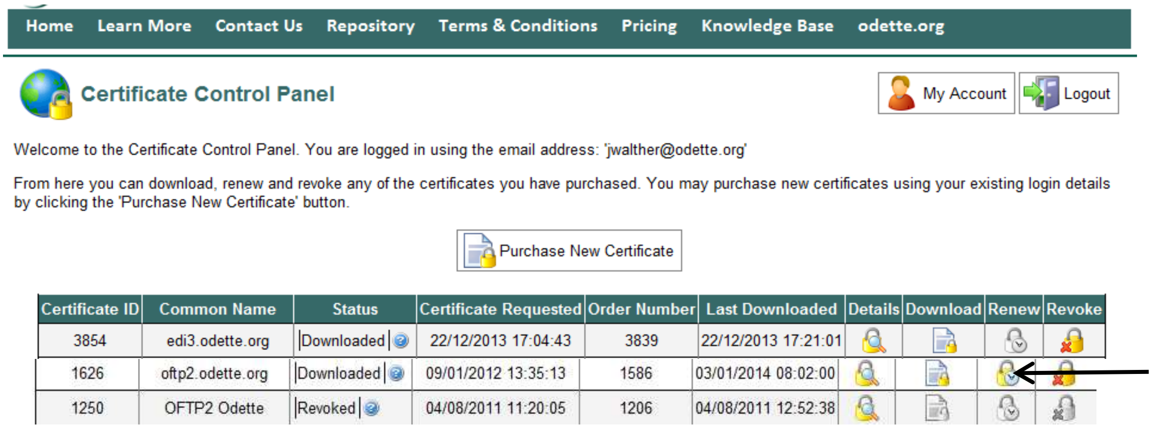
The increasing use of the Internet for data exchange and collaboration in the automotive and other Industries requires state-of-the-art security means.

Odette CA offers the necessary **Digital Certificates** for OFTP2 data exchange, document and email signing & encryption and internet application protection.

Certificates issued by Odette CA are recognised by the Odette Trust Service and ensure security and interoperability with your business partners in the automotive industry.

A detailed explanation of the process to order certificates from Odette CA is available in the help file.

Important Note
Before starting the Renew process, please ensure that your *user details* are correct and up to date. These details will be used as the Technical Contact details for the Certificate Order and cannot be amended during the *Renew* process.
You can check and update your User details by going to the ‘My Account’ page from your Certificate Control Panel.



Certificate Control Panel

Welcome to the Certificate Control Panel. You are logged in using the email address: 'jwalther@odette.org'

From here you can download, renew and revoke any of the certificates you have purchased. You may purchase new certificates using your existing login details by clicking the 'Purchase New Certificate' button.

Certificate ID	Common Name	Status	Certificate Requested	Order Number	Last Downloaded	Details	Download	Renew	Revoke
3854	edi3.odette.org	Downloaded	22/12/2013 17:04:43	3839	22/12/2013 17:21:01				
1626	oftp2.odette.org	Downloaded	09/01/2012 13:35:13	1586	03/01/2014 08:02:00				
1250	OFTP2 Odette	Revoked	04/08/2011 11:20:05	1206	04/08/2011 12:52:38				

Click the Renew icon of the certificate you want to renew. Please note that Renewal can only be carried out during the period **starting 60 days before** the expiry date of the current certificate and **ending 30 days after** the expiry date.
Outside of this period, the Renew icon will be greyed out and the function will be unavailable.

The portal application will show you the details of your existing certificate. Before you can continue, you must prepare a matching CSR (see Step 2: Generate a Certificate Signing Request).

The Odette CA will check that the new certificate request's attribute values match the existing certificate.

The further process matches the order process (see here).

You will receive a confirmation email.

```
Dear [user name],

Thank you for renewing your existing ODETTE digital certificate.

Your unique certificate order number is: 3845 Please keep a record of this number in case
of any problems with your order. To view the status of your certificate order or purchase
further certificates please log into your account control panel using your email address
and password provided during purchase. The account control panel is available at the
following address: http://www.odetteca.com

Should you have any queries of problems please email us at odetteca@odette.org

Certificate Details:
********************
Order Type:              Renewal
Certificate Type:        Unknown
Location:                London
Country:                 United Kingdom
Organisation:            Odette International Ltd
Department:              CO
Common Name:             oftp2.odette.org
Domain Name/IP Address:  oftp2.odette.org
OFTP2 ID (SSID):         oftp://O0177000000000A001000000

Purchasing Details:
*******************
...
```

After re-validating the information provided in the CSR the Odette CA will issue the renewed certificate.

Annexes

Part 1 How to download and install the certificate on your local computer

Part 2 How to find your certificate in the Windows keystore after installation.

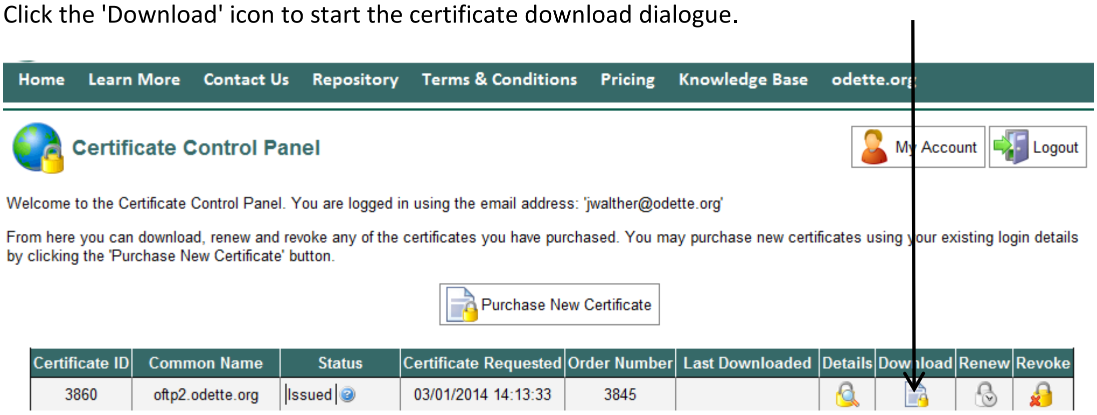
Part 3 How to create a CSR with batch files

1. *How to download and install the certificate on your local computer*

This section provides instructions for users who are downloading and installing a certificate for the first time. The example is for Microsoft Windows. Please follow the instructions relevant to your operating system.

Log into the CA application.

Click the 'Download' icon to start the certificate download dialogue.

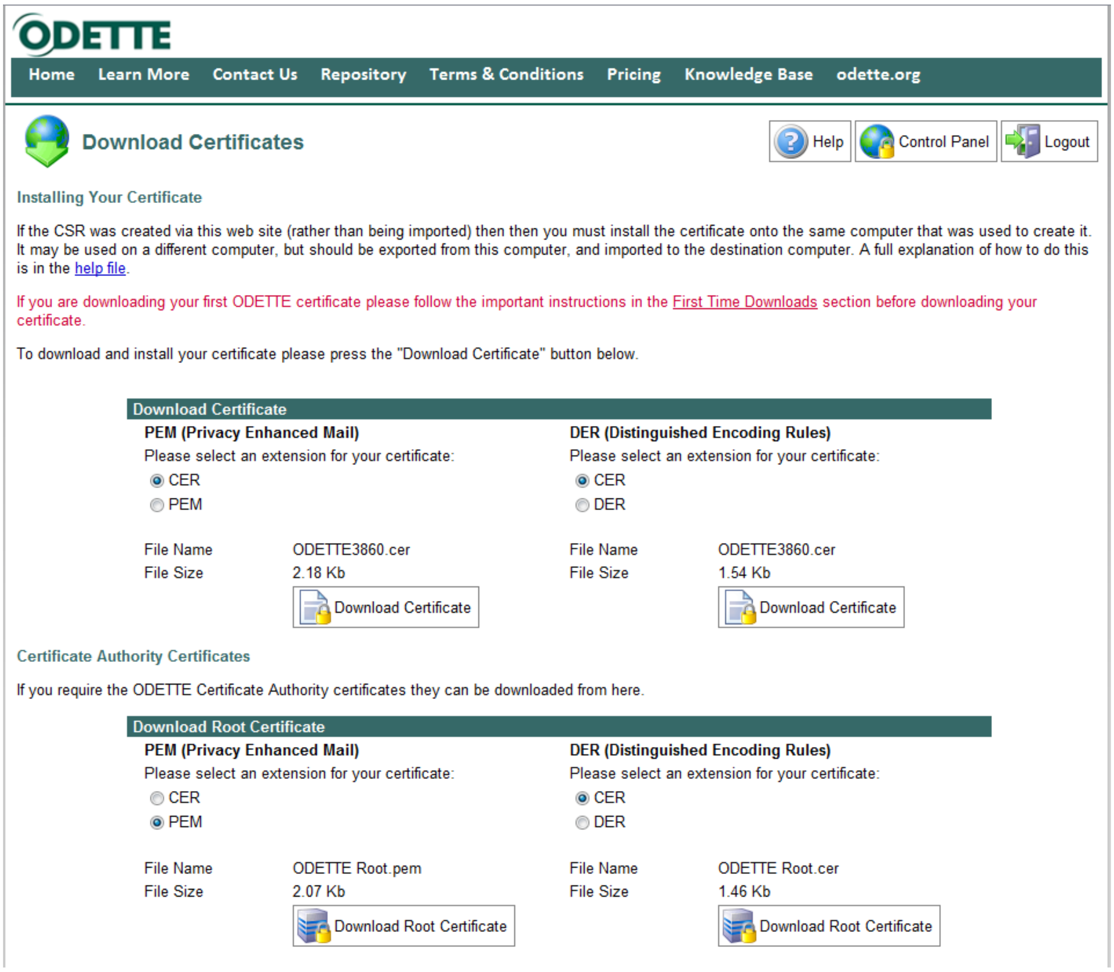


Certificate Control Panel

Welcome to the Certificate Control Panel. You are logged in using the email address: 'jwalther@odette.org'

From here you can download, renew and revoke any of the certificates you have purchased. You may purchase new certificates using your existing login details by clicking the 'Purchase New Certificate' button.

Certificate ID	Common Name	Status	Certificate Requested	Order Number	Last Downloaded	Details	Download	Renew	Revoke
3860	oftp2.odette.org	Issued	03/01/2014 14:13:33	3845					



Download Certificates

Installing Your Certificate

If the CSR was created via this web site (rather than being imported) then then you must install the certificate onto the same computer that was used to create it. It may be used on a different computer, but should be exported from this computer, and imported to the destination computer. A full explanation of how to do this is in the help file.

If you are downloading your first ODETTE certificate please follow the important instructions in the First Time Downloads section before downloading your certificate.

To download and install your certificate please press the "Download Certificate" button below.

Download Certificate

PEM (Privacy Enhanced Mail)		DER (Distinguished Encoding Rules)	
Please select an extension for your certificate:		Please select an extension for your certificate:	
● CER		● CER	
○ PEM		○ DER	
File Name	ODETTE3860.cer	File Name	ODETTE3860.cer
File Size	2.18 Kb	File Size	1.54 Kb
	Download Certificate		Download Certificate

Certificate Authority Certificates

If you require the ODETTE Certificate Authority certificates they can be downloaded from here.

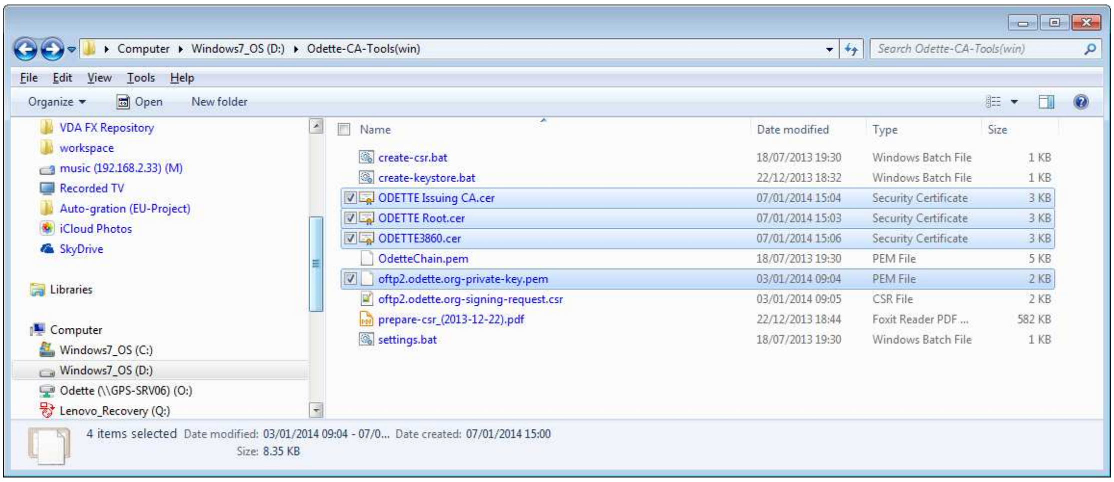
Download Root Certificate

PEM (Privacy Enhanced Mail)		DER (Distinguished Encoding Rules)	
Please select an extension for your certificate:		Please select an extension for your certificate:	
○ CER		● CER	
● PEM		○ DER	
File Name	ODETTE Root.pem	File Name	ODETTE Root.cer
File Size	2.07 Kb	File Size	1.46 Kb
	Download Root Certificate		Download Root Certificate

You can select between two different formats and two different extensions. Select the one that meets the requirements of your keystore software or of your business partner, if you have to submit / upload it in a specific format. **Usually, the PEM format with CER extension should work.**

Store the certificate into the folder where you have your private key, most likely ***C:\Odette-CA-Tools(win)***.

If your OFTP2 solution requires individual files for the Root CA, Issuing CA, Public Key and Private Key, then import these files from the above mentioned directory.



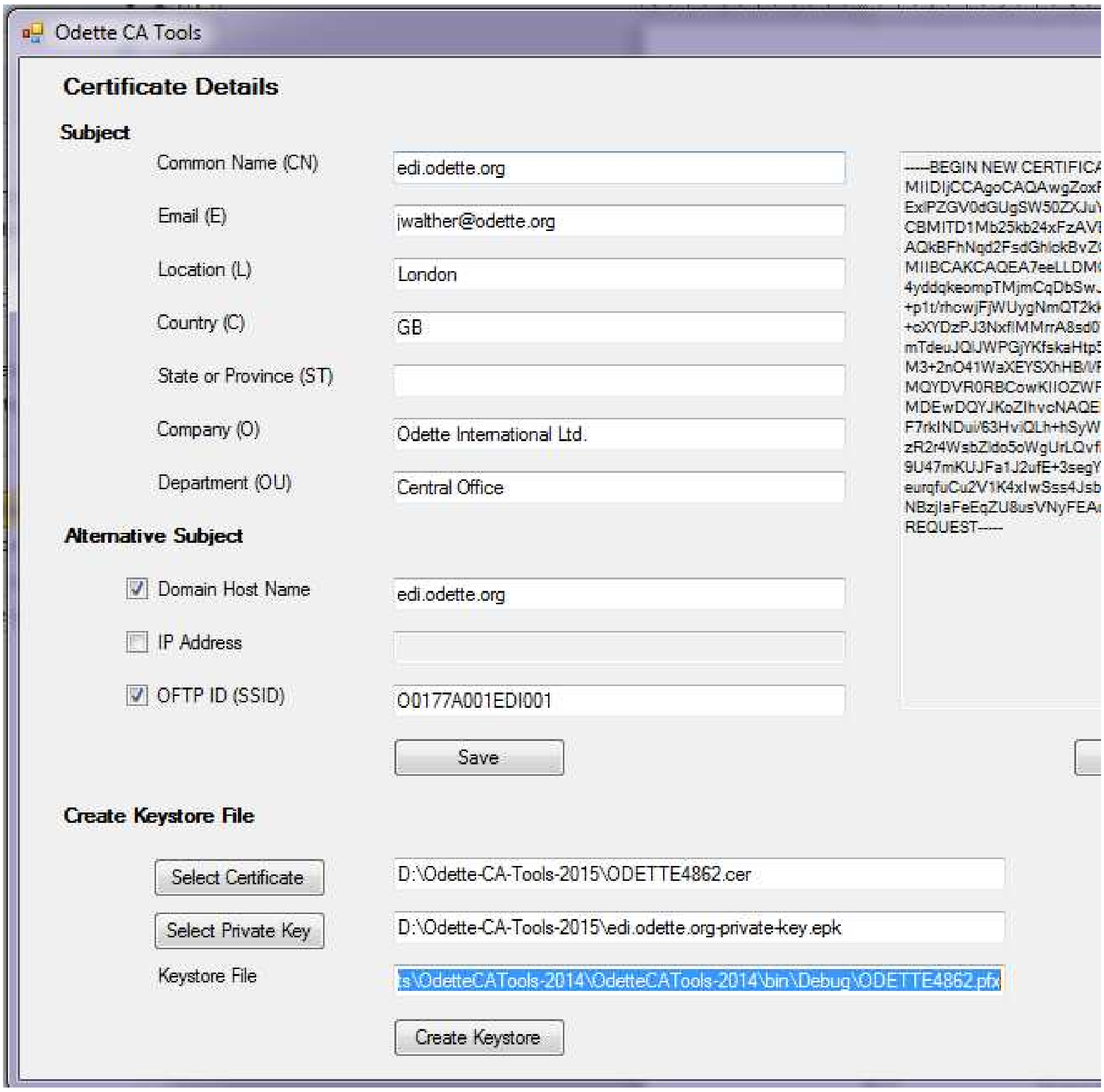
□ Name	Date modified	Type	Size
create-csr.bat	18/07/2013 19:30	Windows Batch File	1 KB
create-keystore.bat	22/12/2013 18:32	Windows Batch File	1 KB
☑ ODETTE Issuing CA.cer	07/01/2014 15:04	Security Certificate	3 KB
☑ ODETTE Root.cer	07/01/2014 15:03	Security Certificate	3 KB
☑ ODETTE3860.cer	07/01/2014 15:06	Security Certificate	3 KB
OdetteChain.pem	18/07/2013 19:30	PEM File	5 KB
☑ oftp2.odette.org-private-key.pem	03/01/2014 09:04	PEM File	2 KB
oftp2.odette.org-signing-request.csr	03/01/2014 09:05	CSR File	2 KB
prepare-csr_(2013-12-22).pdf	22/12/2013 18:44	Foxit Reader PDF ...	582 KB
settings.bat	18/07/2013 19:30	Windows Batch File	1 KB

4 items selected Date modified: 03/01/2014 09:04 - 07/0... Date created: 07/01/2014 15:00
Size: 8.35 KB

If your OFTP2 software requires a keystore file or uses the Windows keystore continue with the following steps:

1. Create a keystore file
Start the OdetteCATools-2014.exe in the Odette-CA-Tools-2014 folder
Select the *Create Keystore* register.

Use the buttons to select the (downloaded) certificate file and the private key file that was generated in conjunction with the creation of the CSR.



Odette CA Tools

Certificate Details

Subject

Common Name (CN)	edi.odette.org
Email (E)	jwalther@odette.org
Location (L)	London
Country (C)	GB
State or Province (ST)	
Company (O)	Odette International Ltd.
Department (OU)	Central Office

Alternative Subject

☑ Domain Host Name	edi.odette.org
□ IP Address	
☑ OFTP ID (SSID)	O0177A001EDI001

-----BEGIN NEW CERTIFICA
MIIDIjCCAgoCAQAwgZoxF
ExlPZGV0dGUgSW50ZXJu
CBMITD1Mb25kb24xFzAV
AQkBFhNqd2FsdGhlckBvZ
MIIBCAKCAQEA7eeLLDM
4yddqkeompTMjmCqDbSw
+p1t/rhcwjFjWUygNmQT2k
+cXYDzPJ3NxflMMrrA8sd0
mTdeuJQlJWPGjYKfskaHtp
M3+2nO41WaXEYSXhHB/
MQYDVR0RBCowKIIOZWF
MDEwDQYJKoZIhvcNAQE
F7rkINDui/63HviQLh+hSyW
zR2r4WsbZldo5oWgUrLQvf
9U47mKUJFa1J2ufE+3segY
eurqfuCu2V1K4xIwSss4Jsb
NBzjlaFeEqZU8usVNyFEA
REQUEST-----

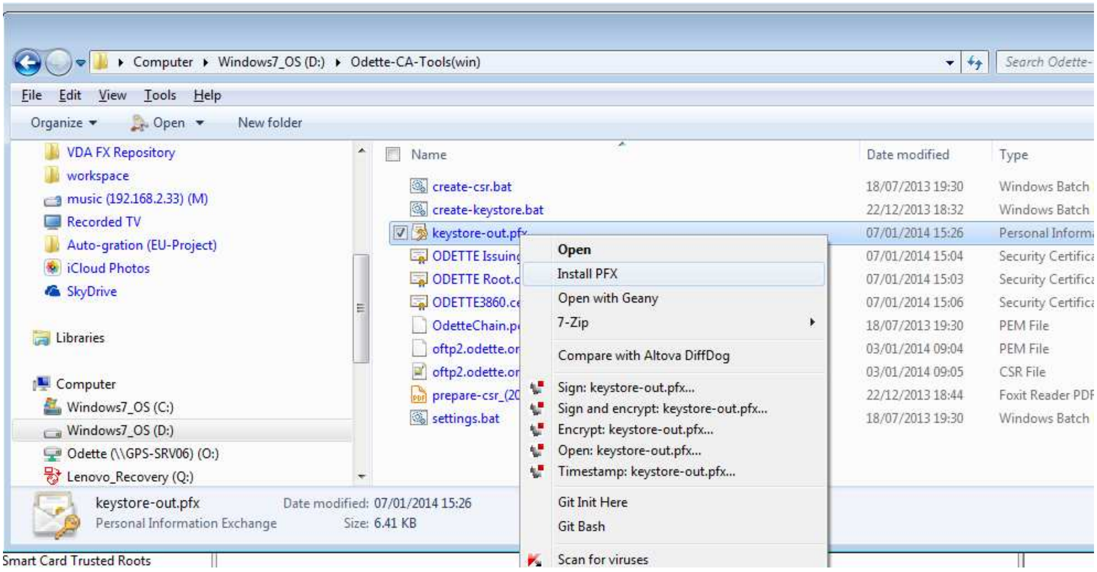
Create Keystore File

Select Certificate	D:\Odette-CA-Tools-2015\ODETTE4862.cer
Select Private Key	D:\Odette-CA-Tools-2015\edi.odette.org-private-key.epk
Keystore File	s\OdetteCATools-2014\OdetteCATools-2014\bin\Debug\ODETTE4862.pfx

You'll see the password dialogue again. Provide the password that you have assigned during the CSR process.

The resulting keystore file name will be generated automatically.
Press *Create* and the application will generate the .pfx file.

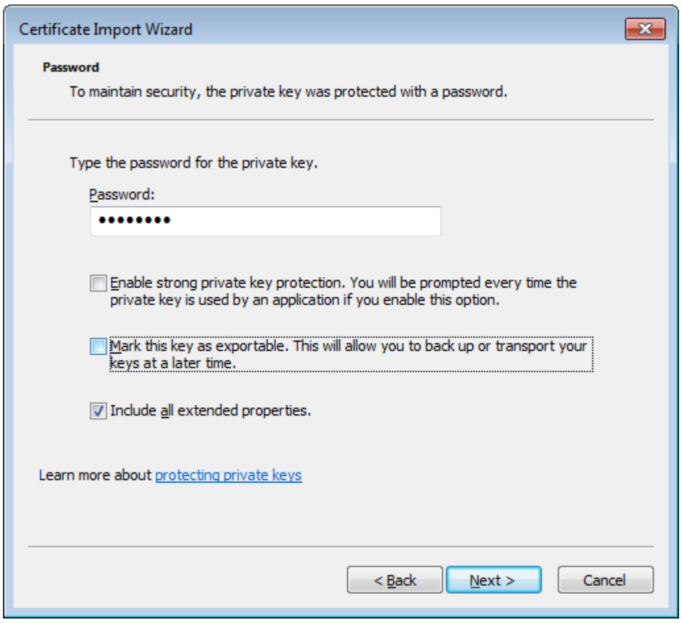
For Windows, click the right mouse button and select install PFX from the context menu.


Computer ▸ Windows7_OS (D:) ▸ Odette-CA-Tools(win)
Search Odette-
File Edit View Tools Help
Organize ▾ Open ▾ New folder
VDA FX Repository
workspace
music (192.168.2.33) (M)
Recorded TV
Auto-gration (EU-Project)
iCloud Photos
SkyDrive
Libraries
Computer
Windows7_OS (C:)
Windows7_OS (D:)
Odette (\\GPS-SRV06) (O:)
Lenovo_Recovery (Q:)
Open
Install PFX
Open with Geany
7-Zip
Compare with Altova DiffDog
Sign: keystore-out.pfx...
Sign and encrypt: keystore-out.pfx...
Encrypt: keystore-out.pfx...
Open: keystore-out.pfx...
Timestamp: keystore-out.pfx...
Git Init Here
Git Bash
Scan for viruses
Smart Card Trusted Roots

Name	Date modified	Type
create-csr.bat	18/07/2013 19:30	Windows Batch
create-keystore.bat	22/12/2013 18:32	Windows Batch
☑ keystore-out.pfx	07/01/2014 15:26	Personal Inform
ODETTE Issuing	07/01/2014 15:04	Security Certific
ODETTE Root.c	07/01/2014 15:03	Security Certific
ODETTE3860.ce	07/01/2014 15:06	Security Certific
OdetteChain.p	18/07/2013 19:30	PEM File
oftp2.odette.or	03/01/2014 09:04	PEM File
oftp2.odette.or	03/01/2014 09:05	CSR File
prepare-csr_(20	22/12/2013 18:44	Foxit Reader PDF
settings.bat	18/07/2013 19:30	Windows Batch

keystore-out.pfx Date modified: 07/01/2014 15:26
Personal Information Exchange Size: 6.41 KB

Follow the installation process.
Do not tick the first option (Enable strong private key protection).
Tick the second option (Mark key as exportable) at your own discretion.



Password

To maintain security, the private key was protected with a password.

Type the password for the private key.

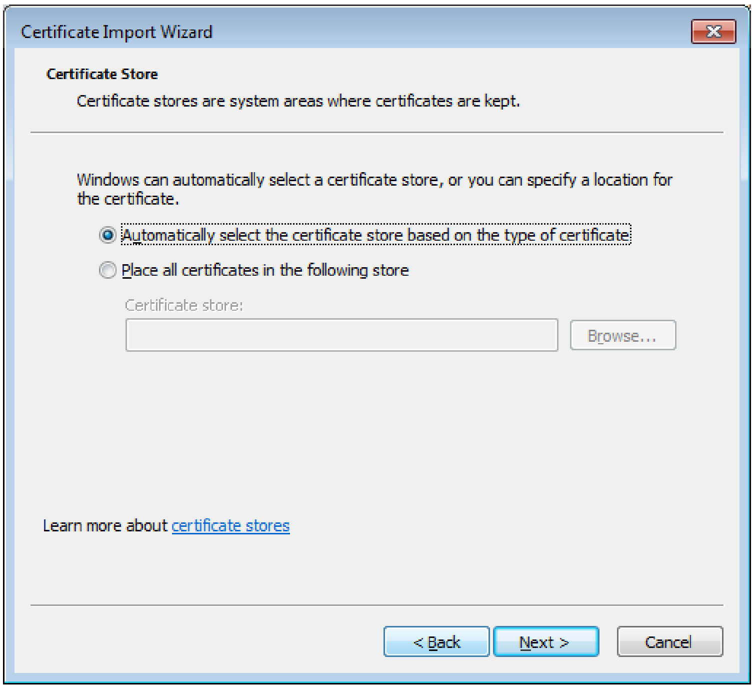
Password: ••••••••

☐ Enable strong private key protection. You will be prompted every time the private key is used by an application if you enable this option.

☐ Mark this key as exportable. This will allow you to back up or transport your keys at a later time.

☑ Include all extended properties.

Learn more about protecting private keys



Certificate Import Wizard

Certificate Store

Certificate stores are system areas where certificates are kept.

Windows can automatically select a certificate store, or you can specify a location for the certificate.

● Automatically select the certificate store based on the type of certificate

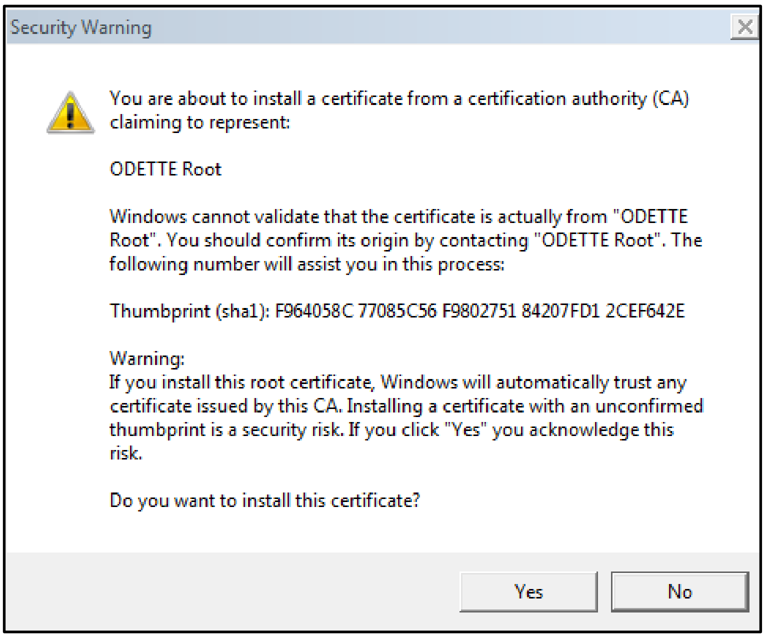
○ Place all certificates in the following store

Certificate store:

Learn more about certificate stores

We recommend to use the automatic selection as shown above.

When prompted with this warning, confirm with ***Yes.***



Security Warning

You are about to install a certificate from a certification authority (CA) claiming to represent:

ODETTE Root

Windows cannot validate that the certificate is actually from "ODETTE Root". You should confirm its origin by contacting "ODETTE Root". The following number will assist you in this process:

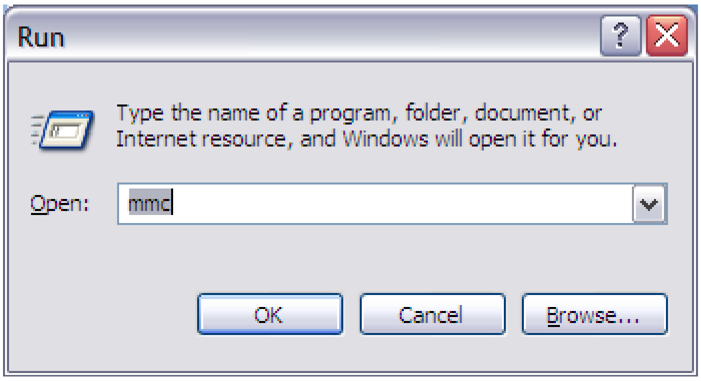
Thumbprint (sha1): F964058C 77085C56 F9802751 84207FD1 2CEF642E

Warning:
If you install this root certificate, Windows will automatically trust any certificate issued by this CA. Installing a certificate with an unconfirmed thumbprint is a security risk. If you click "Yes" you acknowledge this risk.

Do you want to install this certificate?

2. How to find your certificate in the Windows keystore after installation

1. Click *Start* and type “mmc” in the entry field. Click *OK*

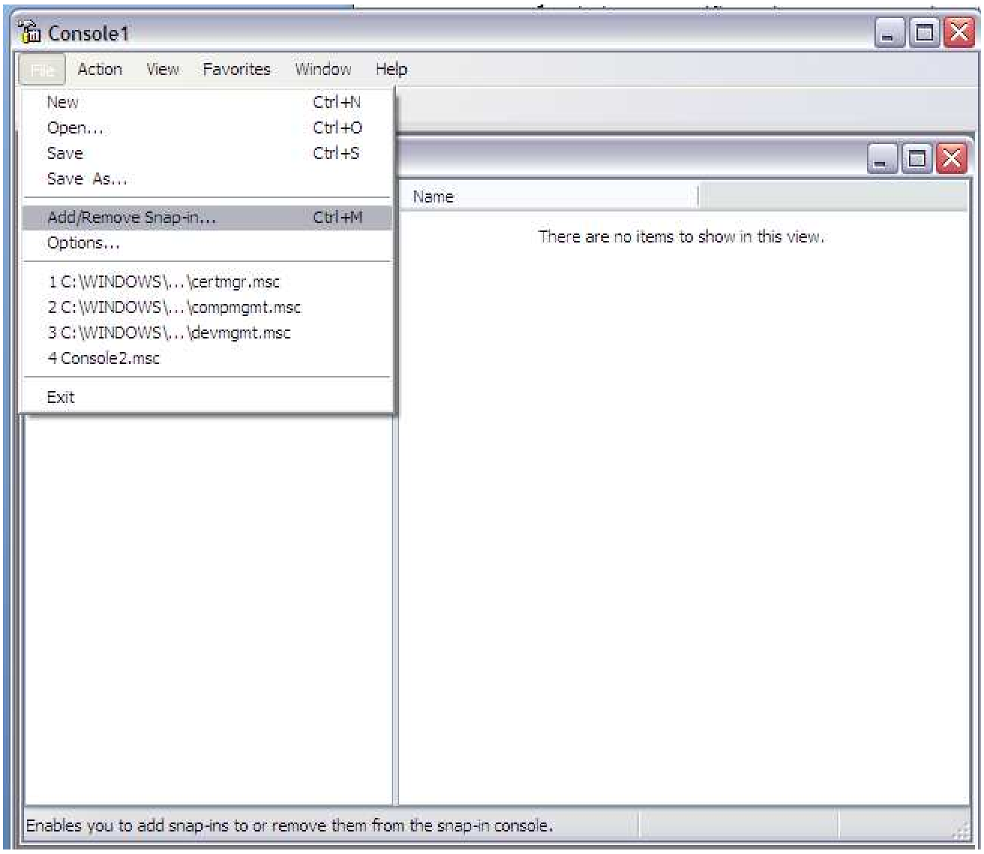


Run

Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open: mmc

2. The Console will open. Select File/Add Remove Snap-in



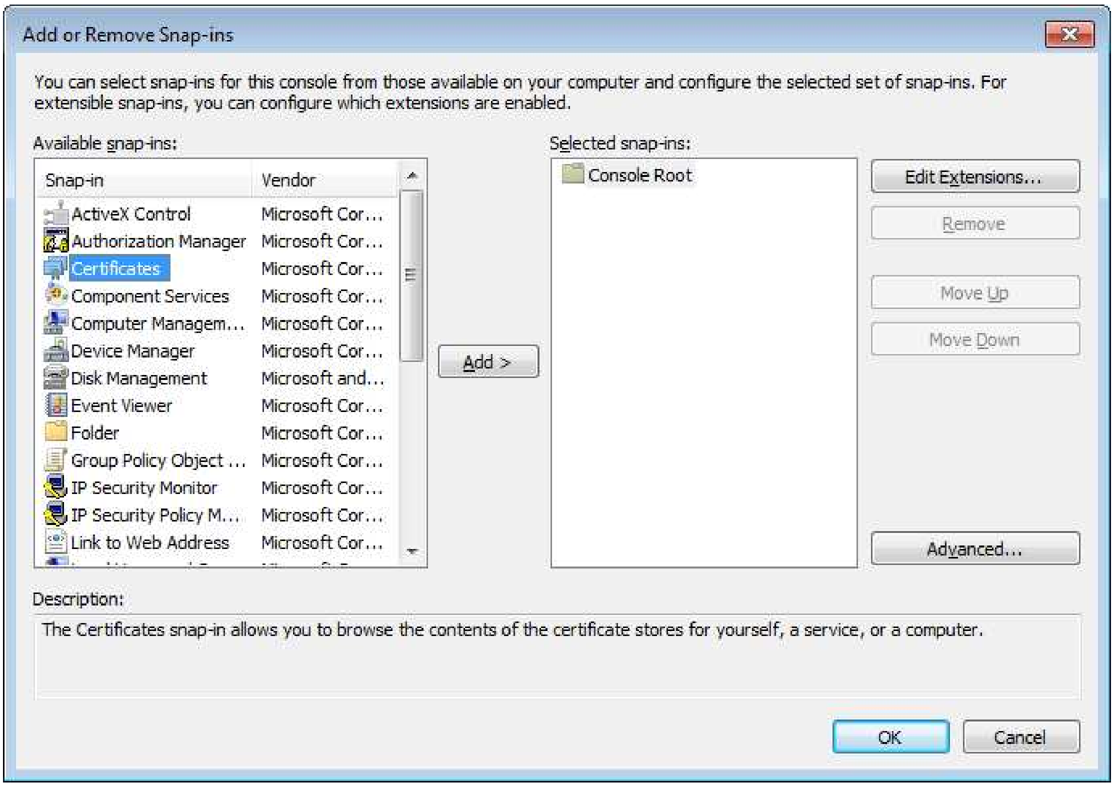
Console1

There are no items to show in this view.

Enables you to add snap-ins to or remove them from the snap-in console.

File
Action
View
Favorites
Window
Help
New Ctrl+N
Open... Ctrl+O
Save Ctrl+S
Save As...
Add/Remove Snap-in... Ctrl+M
Options...
1 C:\WINDOWS\...\certmgr.msc
2 C:\WINDOWS\...\compmgmt.msc
3 C:\WINDOWS\...\devmgmt.msc
4 Console2.msc
Exit
Name

3. Click *Add* and select ***Certificates*** from the list. Click *Add* again.



Add or Remove Snap-ins

You can select snap-ins for this console from those available on your computer and configure the selected set of snap-ins. For extensible snap-ins, you can configure which extensions are enabled.

Available snap-ins:

Snap-in	Vendor
ActiveX Control	Microsoft Cor...
Authorization Manager	Microsoft Cor...
Certificates	Microsoft Cor...
Component Services	Microsoft Cor...
Computer Managem...	Microsoft Cor...
Device Manager	Microsoft Cor...
Disk Management	Microsoft and...
Event Viewer	Microsoft Cor...
Folder	Microsoft Cor...
Group Policy Object ...	Microsoft Cor...
IP Security Monitor	Microsoft Cor...
IP Security Policy M...	Microsoft Cor...
Link to Web Address	Microsoft Cor...

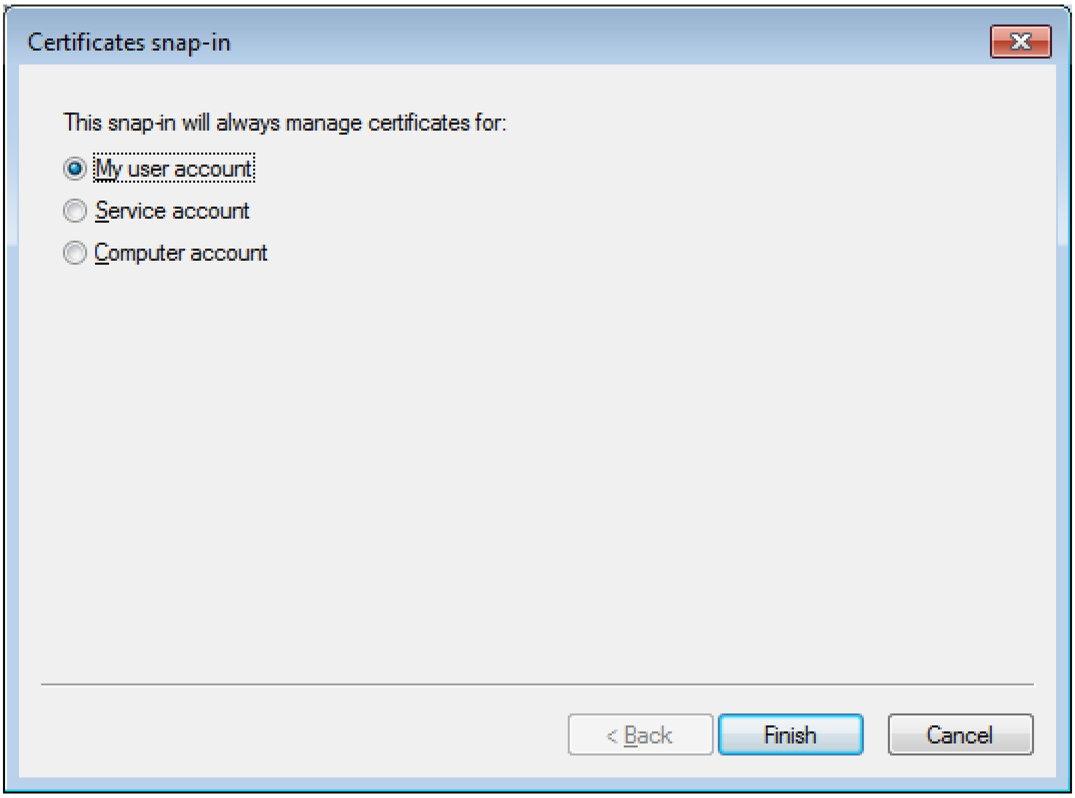
Selected snap-ins:

Console Root

Description:

The Certificates snap-in allows you to browse the contents of the certificate stores for yourself, a service, or a computer.

4. For Windows7 you will usually have to select ***"My user account"***



Certificates snap-in

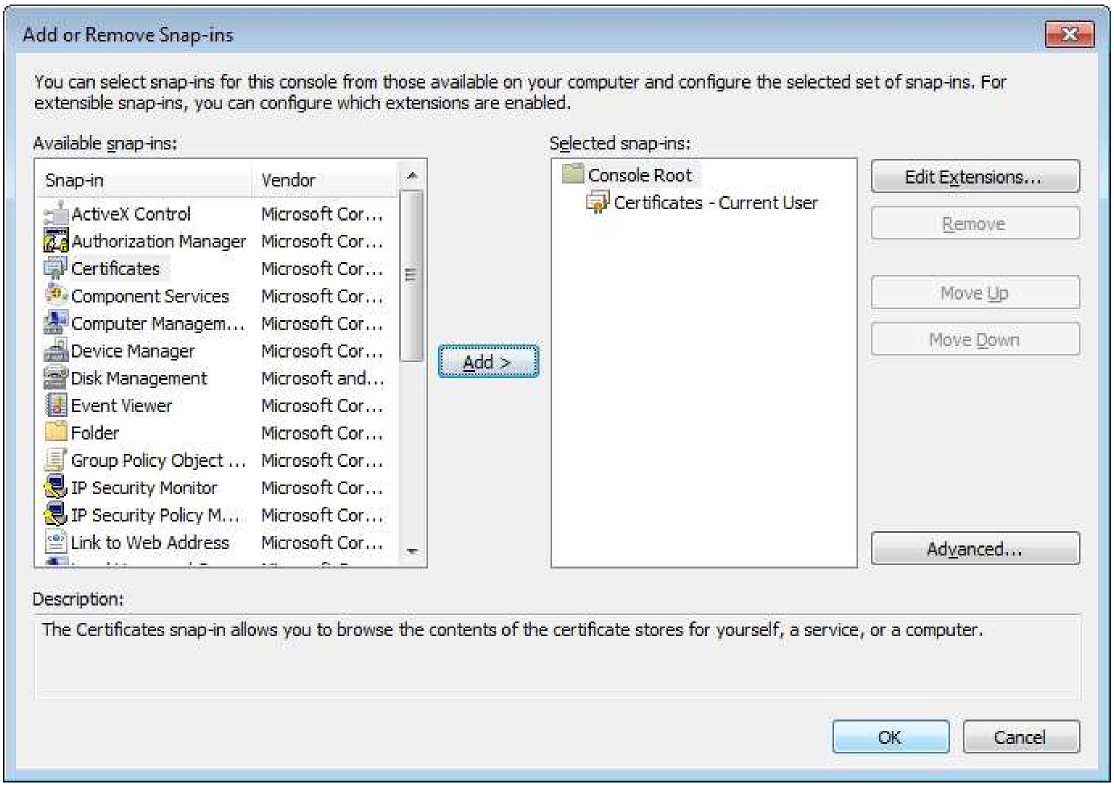
This snap-in will always manage certificates for:

● My user account

○ Service account

○ Computer account

5. Click OK.



You can select snap-ins for this console from those available on your computer and configure the selected set of snap-ins. For extensible snap-ins, you can configure which extensions are enabled.

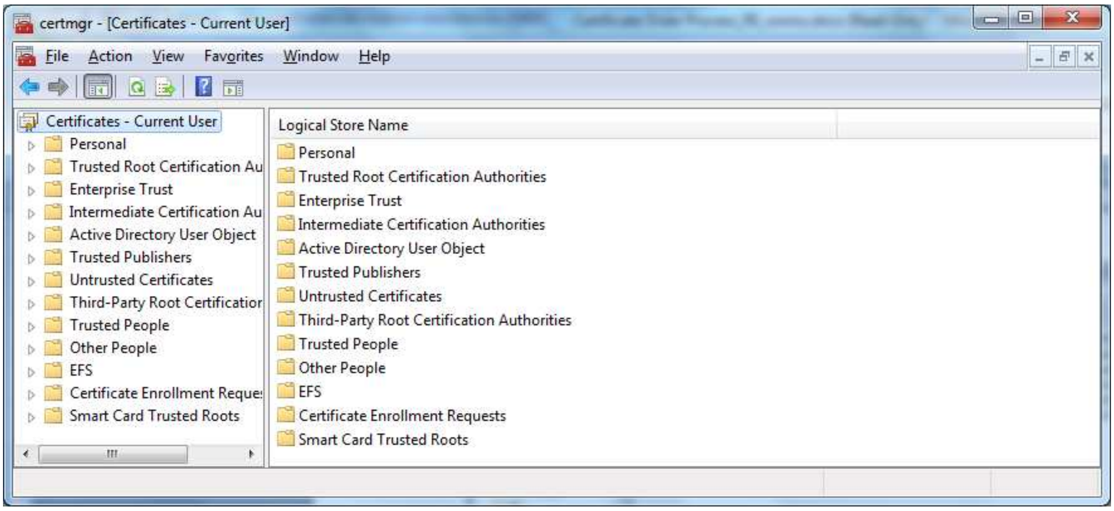
Snap-in	Vendor
ActiveX Control	Microsoft Cor...
Authorization Manager	Microsoft Cor...
Certificates	Microsoft Cor...
Component Services	Microsoft Cor...
Computer Managem...	Microsoft Cor...
Device Manager	Microsoft Cor...
Disk Management	Microsoft and...
Event Viewer	Microsoft Cor...
Folder	Microsoft Cor...
Group Policy Object ...	Microsoft Cor...
IP Security Monitor	Microsoft Cor...
IP Security Policy M...	Microsoft Cor...
Link to Web Address	Microsoft Cor...

The Certificates snap-in allows you to browse the contents of the certificate stores for yourself, a service, or a computer.

Close the snap-in selection window.

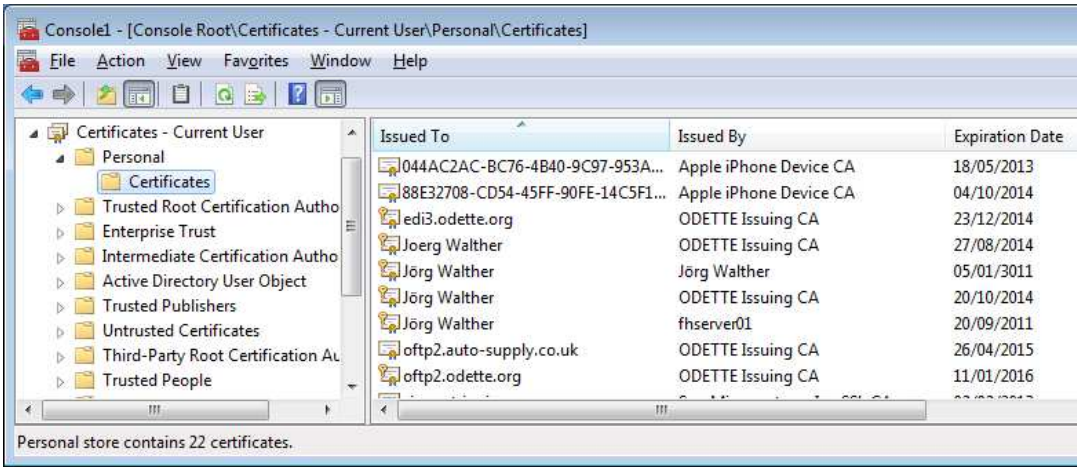
6. Click *OK* to close the Add/Remove Snap-in dialog.

You will now see the Windows certificate store:


certmgr - [Certificates - Current User]
File
Action
View
Favorites
Window
Help
Certificates - Current User
Personal
Trusted Root Certification Au
Enterprise Trust
Intermediate Certification Au
Active Directory User Object
Trusted Publishers
Untrusted Certificates
Third-Party Root Certificatior
Trusted People
Other People
EFS
Certificate Enrollment Reque:
Smart Card Trusted Roots

Logical Store Name
Personal
Trusted Root Certification Authorities
Enterprise Trust
Intermediate Certification Authorities
Active Directory User Object
Trusted Publishers
Untrusted Certificates
Third-Party Root Certification Authorities
Trusted People
Other People
EFS
Certificate Enrollment Requests
Smart Card Trusted Roots

7. Expand Certificates, then expand Personal and select Certificates. You will be able to see the certificate in right panel of the Windows Management Console. This is where your downloaded certificate has been stored.

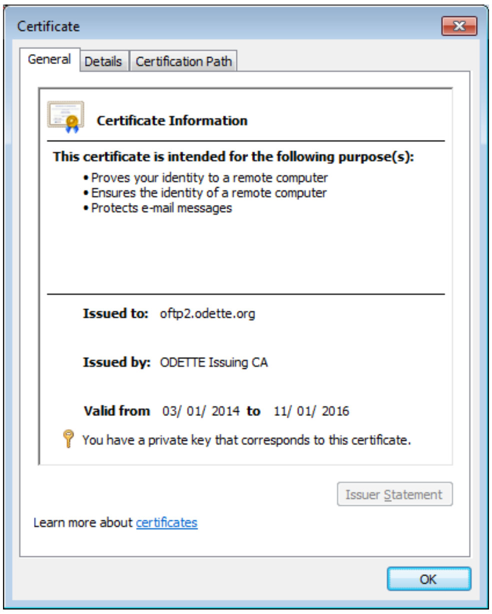

Console1 - [Console Root\Certificates - Current User\Personal\Certificates]
File Action View Favorites Window Help
Certificates - Current User
Personal
Certificates
Trusted Root Certification Autho
Enterprise Trust
Intermediate Certification Autho
Active Directory User Object
Trusted Publishers
Untrusted Certificates
Third-Party Root Certification Au
Trusted People

Issued To	Issued By	Expiration Date
044AC2AC-BC76-4B40-9C97-953A...	Apple iPhone Device CA	18/05/2013
88E32708-CD54-45FF-90FE-14C5F1...	Apple iPhone Device CA	04/10/2014
edi3.odette.org	ODETTE Issuing CA	23/12/2014
Joerg Walther	ODETTE Issuing CA	27/08/2014
Jörg Walther	Jörg Walther	05/01/3011
Jörg Walther	ODETTE Issuing CA	20/10/2014
Jörg Walther	fhserver01	20/09/2011
oftp2.auto-supply.co.uk	ODETTE Issuing CA	26/04/2015
oftp2.odette.org	ODETTE Issuing CA	11/01/2016

Personal store contains 22 certificates.

The little key on the upper left corner of the certificate symbol indicates that you have the certificate and the matching private key in your certificate store.

Double click on the certificate to see the details.



Certificate Information

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

- Proves your identity to a remote computer
- Ensures the identity of a remote computer
- Protects e-mail messages

Issued to: oftp2.odette.org

Issued by: ODETTE Issuing CA

Valid from 03/ 01/ 2014 **to** 11/ 01/ 2016

You have a private key that corresponds to this certificate.

Learn more about certificates

Click OK to close the certificate details window and close the MMC-application.

At this point, if you wish, you can save the Console as a shortcut so that it can be accessed quickly in future.

3. How to create a CSR with batch files

1. Download openSSL from
   32 Bit Windows: http://www.odette.org/repository/openssl-win32bit.zip .
   64 Bit Windows: http://www.odette.org/repository/openssl-win64bit.zip
2. Install the Visual C++ library (included in the downloaded zip file).
3. Install openSSL. Note the path to the directory where openSSL has been installed.
   ____
4. Download Odette CA Tools from here:
   http://www.odette.org/repository/odette-ca-tools-win.zip.
5. Extract the Zip file, preferably to C:\
6. Check/edit the file settings.bat in the directory **\Odette-CA-Tools(win)**
   The highlighted part in set OPENSSLDIR=**C:\OpenSSL-Win**%BITS% must point to your actual openSSL installation directory.
7. Edit the file ***odette-ca-csr.cfg*** in the directory **\Odette-CA-Tools(win)** with an text editor and enter the values specific for your certificate (you might see a warning, click run to continue).
   Note: If your certificate attribute values contain **special characters (e.g. äöüÄÖÜß etc.)** then **edit the file odette-ca-csr-utf8.cfg with an UTF-8 compatible editor** (Notepad++ is recommended), encode the file as UTF-8 without BOM and **run the create-csr-utf8.bat** !

The following example explains the different entry fields; grey lines should not be changed!

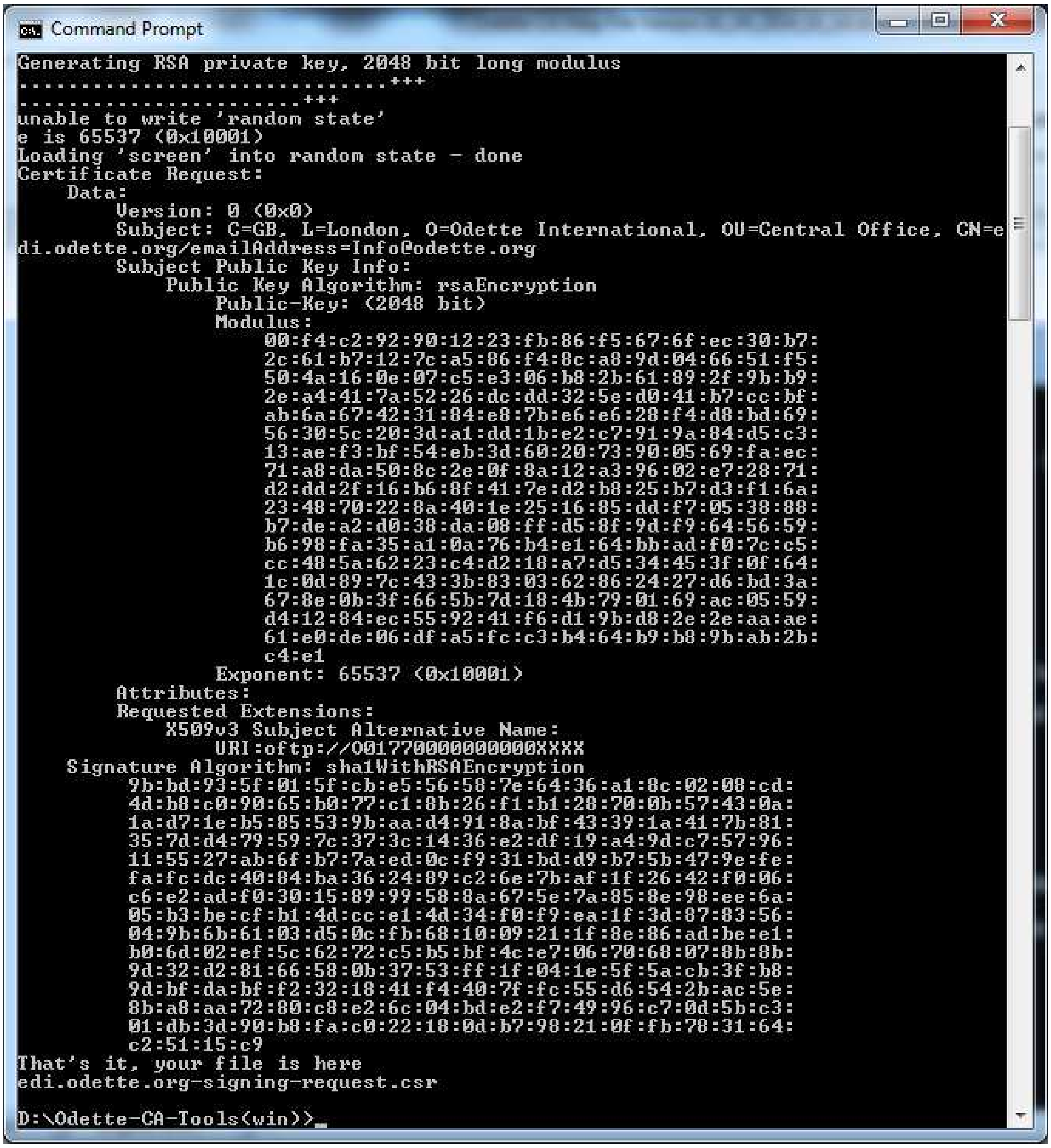
Please replace with your actual certificate details as prepared in Step 1!

```
# lines preceded by a #-sign are treated as comments by the interpreter
[ req ]
default_bits                = 2048
default_keyfile             = privkey.pem
distinguished_name          = req_distinguished_name
req_extensions              = req_ext

prompt                      = no

[ req_distinguished_name ]
# Country
C                           = GB
# State (default: empty)
#ST                         =
#Location
L                           = MyTown
#Organisation
O                           = My Company
# Organisation Unit
OU                          = My Department
# Common Name
CN                          = edi.mycompany.com
# Email Address
emailAddress                = Info@mycompany.com


[ req_ext ]
subjectAltName          = @alt_names

# If none of the below mentioned attributes shall be contained
# in your certificate, please enter the #-sign in front of URI.1 and
# in front of req_extensions (line 5 from top)

[alt_names]
# HOSTNAME -should be submitted, if the common name is not set to DHN!
DNS.1   = edi.mycompany.com         # Put a #-sign in front, if you do not wish to specify this value.
# IP Address
IP = 98.88.46.37                    # Put a #-sign in front, if you do not wish to specify this value.
# OFTP ID (SSID) – should always be submitted for OFTP2 certificates
URI.1   = oftp://O017700000000000XXXX
# If you do not have an OFTP2 ID you can order it at https://oscar.odette.org
```

8. Start the command line interface (Start/All Programs/Accessories/Command Prompt) and change to the Odette CA Tools directory (e.g. ***cd C:\Odette-CA-Tools(win)***)
9. Run the *create-csr.bat* and create a CSR by using the certificate attributes you have prepared in Step 6. You will be prompted to enter a name.

Enter the Name: enter a memorisable name for your certificate files

The batch process will then create a private key file and a CSR file.



```
Generating RSA private key, 2048 bit long modulus
..............................+++
.......................+++
unable to write 'random state'
e is 65537 (0x10001)
Loading 'screen' into random state - done
Certificate Request:
    Data:
        Version: 0 (0x0)
        Subject: C=GB, L=London, O=Odette International, OU=Central Office, CN=e
di.odette.org/emailAddress=Info@odette.org
        Subject Public Key Info:
            Public Key Algorithm: rsaEncryption
                Public-Key: (2048 bit)
                Modulus:
                    00:f4:c2:92:90:12:23:fb:86:f5:67:6f:ec:30:b7:
                    2c:61:b7:12:7c:a5:86:f4:8c:a8:9d:04:66:51:f5:
                    50:4a:16:0e:07:c5:e3:06:b8:2b:61:89:2f:9b:b9:
                    2e:a4:41:7a:52:26:dc:dd:32:5e:d0:41:b7:cc:bf:
                    ab:6a:67:42:31:84:e8:7b:e6:e6:28:f4:d8:bd:69:
                    56:30:5c:20:3d:a1:dd:1b:e2:c7:91:9a:84:d5:c3:
                    13:ae:f3:bf:54:eb:3d:60:20:73:90:05:69:fa:ec:
                    71:a8:da:50:8c:2e:0f:8a:12:a3:96:02:e7:28:71:
                    d2:dd:2f:16:b6:8f:41:7e:d2:b8:25:b7:d3:f1:6a:
                    23:48:70:22:8a:40:1e:25:16:85:dd:f7:05:38:88:
                    b7:de:a2:d0:38:da:08:ff:d5:8f:9d:f9:64:56:59:
                    b6:98:fa:35:a1:0a:76:b4:e1:64:bb:ad:f0:7c:c5:
                    cc:48:5a:62:23:c4:d2:18:a7:d5:34:45:3f:0f:64:
                    1c:0d:89:7c:43:3b:83:03:62:86:24:27:d6:bd:3a:
                    67:8e:0b:3f:66:5b:7d:18:4b:79:01:69:ac:05:59:
                    d4:12:84:ec:55:92:41:f6:d1:9b:d8:2e:2e:aa:ae:
                    61:e0:de:06:df:a5:fc:c3:b4:64:b9:b8:9b:ab:2b:
                    c4:e1
                Exponent: 65537 (0x10001)
        Attributes:
        Requested Extensions:
            X509v3 Subject Alternative Name:
                URI:oftp://O017700000000000XXXX
    Signature Algorithm: sha1WithRSAEncryption
         9b:bd:93:5f:01:5f:cb:e5:56:58:7e:64:36:a1:8c:02:08:cd:
         4d:b8:c0:90:65:b0:77:c1:8b:26:f1:b1:28:70:0b:57:43:0a:
         1a:d7:1e:b5:85:53:9b:aa:d4:91:8a:bf:43:39:1a:41:7b:81:
         35:7d:d4:79:59:7c:37:3c:14:36:e2:df:19:a4:9d:c7:57:96:
         11:55:27:ab:6f:b7:7a:ed:0c:f9:31:bd:d9:b7:5b:47:9e:fe:
         fa:fc:dc:40:84:ba:36:24:89:c2:6e:7b:af:1f:26:42:f0:06:
         c6:e2:ad:f0:30:15:89:99:58:8a:67:5e:7a:85:8e:98:ee:6a:
         05:b3:be:cf:b1:4d:cc:e1:4d:34:f0:f9:ea:1f:3d:87:83:56:
         04:9b:6b:61:03:d5:0c:fb:68:10:09:21:1f:8e:86:ad:be:e1:
         b0:6d:02:ef:5c:62:72:c5:b5:bf:4c:e7:06:70:68:07:8b:8b:
         9d:32:d2:81:66:58:0b:37:53:ff:1f:04:1e:5f:5a:cb:3f:b8:
         9d:bf:da:bf:f2:32:18:41:f4:40:7f:fc:55:d6:54:2b:ac:5e:
         8b:a8:aa:72:80:c8:e2:6c:04:bd:e2:f7:49:96:c7:0d:5b:c3:
         01:db:3d:90:b8:fa:c0:22:18:0d:b7:98:21:0f:fb:78:31:64:
         c2:51:15:c9
That's it, your file is here
edi.odette.org-signing-request.csr

D:\Odette-CA-Tools(win)>_
```

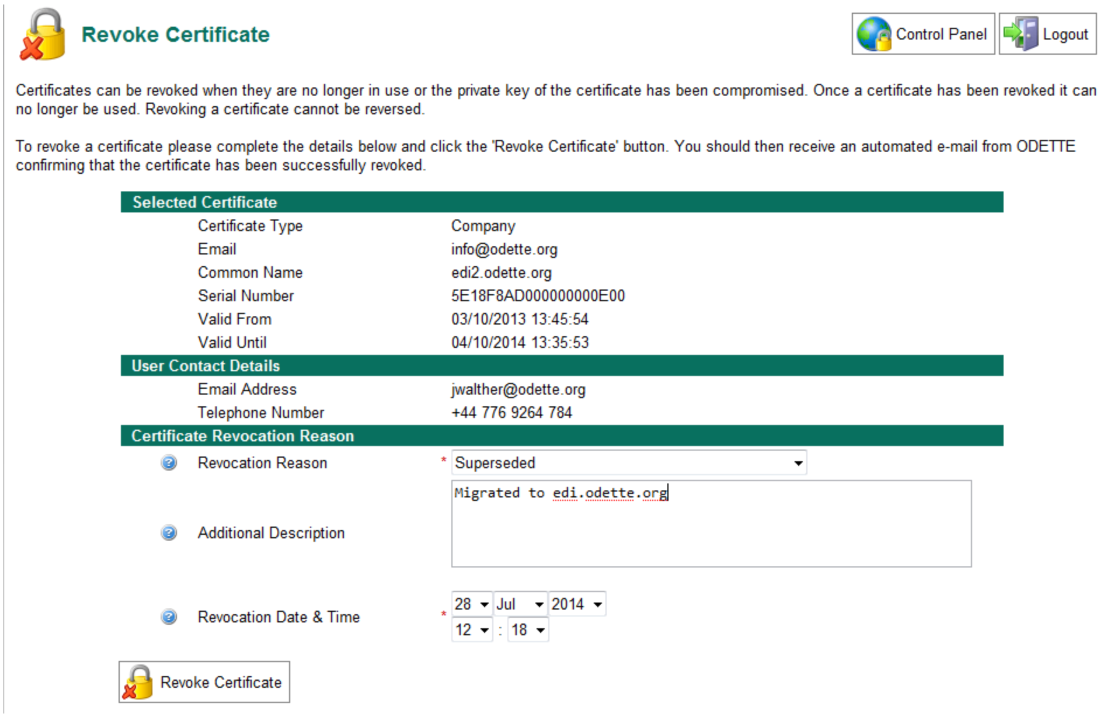
The system generates two files:
XYZ-private-key.pem and *XYZ*-signing-request.csr (XYZ stands for the name you entered as file name).

We recommend to keep the ***odette-ca-csr.cfg*** file with your certificate details safely – you need the same configuration (i.e. attribute values) for any subsequent renewal of the certificate.

4. How to revoke a certificate

If you need to revoke a certificate y any reason, please login at https://www.odetteca.com and click the appropriate revoke button in the appropriate certificate row.

You will be prompted to provide the reason for revocation,



Revoke Certificate

Certificates can be revoked when they are no longer in use or the private key of the certificate has been compromised. Once a certificate has been revoked it can no longer be used. Revoking a certificate cannot be reversed.

To revoke a certificate please complete the details below and click the 'Revoke Certificate' button. You should then receive an automated e-mail from ODETTE confirming that the certificate has been successfully revoked.

Selected Certificate	
Certificate Type	Company
Email	info@odette.org
Common Name	edi2.odette.org
Serial Number	5E18F8AD000000000E00
Valid From	03/10/2013 13:45:54
Valid Until	04/10/2014 13:35:53
User Contact Details	
Email Address	jwalther@odette.org
Telephone Number	+44 776 9264 784
Certificate Revocation Reason	
Revocation Reason	* Superseded
Additional Description	Migrated to edi.odette.org
Revocation Date & Time	* 28 Jul 2014 12 : 18

Once you pushed the *Revoke Certificate* button the certificate will be marked as revoked in the Odette CA certificate revocation list and cannot be used anymore.