

eID User Guide for Mac

Contents

1.	Intr	roduction	3
2.	elD	D Middleware Setup	3
	2.1	Step 1	4
	2.2	Step 2	4
	2.3	Step 3	4
3.	Bro	owser Setup	5
	3.1	Safari	5
	3.2	FireFox 3.0	7
	3.2	2.1 Installation of the PKCS#11 Module	7
	3.2	2.2 Configuration of the certificates	7
;	3.3	FireFox 3.51	0
	3.3	3.1 Installation of the PKCS#11 Module1	0
	3.3	3.2 Configuration of the certificates1	2
4.	Re	ecommendations1	4
5.	FA	٨Q1	5
4	5.1	Question: I do not know my PIN-code1	5
:	5.2 block	Question: I entered 3 wrong PIN-codes for my eID and now my card is ked1	5
ł	5.3	Question: I have lost my eID Card1	5
4	5.4	Question: My eID Card has been stolen1	5
4	5.5	Question: I have a problem with the installation of the eID Middleware.1	5
:	5.6 declir	Question: When connecting through eID, a message "The website ned to show this webpage (HTTP 403)"1	6
	5.7 Clien ⁻	Question: When connecting through eID, a message "Secure Channel nt Authentication Required"1	6
:	5.8 execi	Question: I already have an eID Middleware installed, do I still have to tute the procedures of chapter 2 and 3?1	6

1. Introduction

To be able to use your eID card to authenticate to RIZIV-INAMI websites, you will need a card reader and the eID software. Information on the different types of card readers can be found at <u>http://www.cardreaders.be</u>. Once you have a card reader, please follow the guide below to install the eID software.

In case of technical problems, please contact the RIZIV-INAMI helpdesk: Phone: +32 2 739 74 74 E-Mail: <u>helpdesk@nihdi.fgov.be</u>

2. eID Middleware Setup

The required software can be downloaded from the Belgium eID website at <u>http://eid.belgium.be</u>. Please follow the link "eID Quick Install" and choose the Middleware that corresponds to your operating system (Mac).



A Mac image file will be downloaded and opened automatically. Click Ja/Oui.



Double-Click "eID-Quickinstaller" and type your password.



The eID Quick Installer will install the required software in 3 steps:

2.1 Step 1

The eID Quick Installer installs the eID Software and removes any previous versions.



2.2 Step 2

The eID Quick Installer requests to connect the card carder to your Mac and insert your eID card into the card reader. It will then verify if the card reader is correctly connected and if the eID card can be read.



2.3 Step 3

The eID Quick Installer shows the content of the eID card and provides the option to test the PIN-code.



3. Browser Setup

The following sections details additional steps that are required depending on your browser type.

3.1 Safari

Open the "Keychain Access" application by opening Finder and browsing to Applications and then Utilities. Or type "Keychain" in Spotlight.



In the upper-left column: click the Keychain which starts with BEID...

Cick to unlock the BEID-534C494E33661 1 keychain. Keychains J (Authentication) System System System Roots J (Authentication) Name Kind Date Modified Expires Kind Date Modified Editors Keychain Keychain Keychain System Signature Category J All Items Signature key Signature key P Signature key Biblo-534C494E33660 Biblo-534C494E33660 Signature key private key Secure Notes Signature key Secure Notes Signature key Secure Notes Signature key Secure Notes Keye Secure Notes K	0	0					Keychain A	Access				
Keychains JC (Authentication) Iogin Isseed by: Citizen CA Expires: Thursday 18 April 2013 01 h 59 min 59 s GMT+02:00 System This certificate is valid Name Kind Date Modified Expires Authentication key private key BEID-534C494E33660 Belgium Root CA certificate 27 Jan 2014 00 BEID-534C494E33660 Category J/ (Authentication) certificate 18 Apr 2013 0 BEID-534C494E33660 All Items J/ Signature certificate 18 Apr 2013 0 BEID-534C494E33660 My Certificates J/ Signature key private key 8 EID-534C494E33660 Signature key private key 18 Apr 2013 0 BEID-534C494E33660 Signature key private key BEID-534C494E33660 Signature key private key BEID-534C494E33660 Secure Notes Signature key private key BEI		Click to unlock the	BEID-5	534C494	4E3366(3 keychain.			(٩	
Name Kind Date Modified Expires Keychain [®] Authentication key private key BEID-534C494E33660 [®] Belgium Root CA certificate 27 Jan 2014 00 BEID-534C494E33660 [©] Category [©] J. [©] (Authentication) certificate 27 Jan 2014 00 BEID-534C494E33660 [©] All Items [©] Signature) certificate 18 Apr 2013 0 BEID-534C494E33660 [©] Authentication certificate 18 Apr 2013 0 BEID-534C494E33660 [®] Authenticates [©] J. [©] Signature key private key 8EID-534C494E33660 [®] Authenticates [®] J. [©] Signature key private key 8EID-534C494E33660 [®] Keys [§] Signature key [§] Keys <th>ء ہے 1 ₪ 2 ھ 2]</th> <th>Keychains EID 3 ogin iystem System Roots</th> <th>Ce da</th> <th>rtificate ^{indunt}</th> <th>Jc Issued Expire Ø This</th> <th>(Au d by: Citizen CA es: Thursday 18 A s certificate is val</th> <th>uthentication) pril 2013 01 h 59 id</th> <th>9 min 59</th> <th>s GMT+02:00</th> <th></th> <th></th> <th></th>	ء ہے 1 ₪ 2 ھ 2]	Keychains EID 3 ogin iystem System Roots	Ce da	rtificate ^{indunt}	Jc Issued Expire Ø This	(Au d by: Citizen CA es: Thursday 18 A s certificate is val	u thentication) pril 2013 01 h 59 id	9 min 59	s GMT+02:00			
Authentication key private key BEID-534C494E33660 Belgium Root CA certificate 27 Jan 2014 00 BEID-534C494E33660 Category Sig (Authentication) certificate 27 Jan 2014 00 BEID-534C494E33660 All Items Sig (Signature) certificate 18 Apr 2013 0 BEID-534C494E33660 All Items Signature key private key 18 Apr 2013 0 BEID-534C494E33660 My Certificates Signature key private key BEID-534C494E33660 My Certificates Signature key private key BEID-534C494E33660 My Certificates Signature key private key BEID-534C494E33660 Secure Notes Signature key private key BEID-534C494E33660			Name			A	Kind	Da	ate Modified	Expires	Keychain	-
Category J. (Authentication) certificate 27 Jan 2014 00 BEID-534C494E33660 Category J. (Authentication) certificate 18 Apr 2013 0 BEID-534C494E33660 All Items J. (Signature) certificate 18 Apr 2013 0 BEID-534C494E33660 My Certificates J. (Signature key private key BEID-534C494E33660 My Certificates Signature key private key BEID-534C494E33660 Secure Notes Signature key private key BEID-534C494E33660			ę	Authen	tication	key	private key		-		BEID-534C494E33660	
Category Citizen CA certificate 27 Jan 2014 00 BEID-534C494E33660 All Items J. (Authentication) certificate 18 Apr 2013 0 BEID-534C494E33660 All Items J. (Signature) certificate 18 Apr 2013 0 BEID-534C494E33660 All Items Image: Certificates Image: Certificates 18 Apr 2013 0 BEID-534C494E33660 My Certificates Image: Certificates <t< td=""><td></td><td></td><td>11</td><td>Belgium</td><td>n Root C</td><td>A</td><td>certificate</td><td></td><td>-</td><td>27 Jan 2014 00</td><td>BEID-534C494E33660</td><td></td></t<>			11	Belgium	n Root C	A	certificate		-	27 Jan 2014 00	BEID-534C494E33660	
Category Image:			20	Citizen	CA		certificate		-	27 Jan 2014 00	BEID-534C494E33660	
All Items Image: John Signature (Signature) certificate 18 Apr 2013 0 BEID-534C494E33660 Maintee Private key private key BEID-534C494E33660 My Certificates My Certificates Signature key BEID-534C494E33660 My Certificates Signature key private key BEID-534C494E33660 Keys Secure Notes Secure Notes BEID-534C494E33660 My Certificates Secure Notes BEID-534C494E33660 Secure Notes Secure Notes My Certificates Secure Notes My Certificates Secure Notes My Certificates Secure Notes How	_	Category	20	Je		(Authentication)	certificate		-	18 Apr 2013 0	BEID-534C494E33660	
Image: Constraint of the second state of the second sta	24	All Items	20	Je		(Signature)	certificate		-	18 Apr 2013 0	BEID-534C494E33660	
Certificates My Certificates Keys Secure Notes + 1 6 items	- / T	ar reens Decemorde	9	Signatu	re key		private key		-		BEID-534C494E33660	
Image: Certificates Image: My Certificates Image: Weys Image: Secure Notes Image: Secure Notes Image: Height and Heig	- A	assworus										
My Certificates Keys Secure Notes + 1 6 items		ertificates										
Keys Secure Notes Image: A secure N	1	Ay Certificates										
Secure Notes	ę 🖡	(eys										
	🔒 S	Secure Notes										
E + i 6 items												
(a) (i) (i) (i) (i) (i) (i) (i) (i) (i) (i												
(a) (i) 6 items												
(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c												
E + i 6 items												
			+	i				6 i	items			

In the right column control-click the line with "Your Name (Authentication)" and click "New Identity Preference ...".

0	0		Keychain Access		
	Click to unlock the	e BEID-534C494E336f	3 keychain.		٩
A A A C	Keychains BEID B login System System Roots	Gertificate Ssued by: Citizen Expires: Thursday This certificate	(Authentication) CA 18 April 2013 01 h 59 min 59 is valid	9 s GMT+02:00	
		Name	Kind [Date Modified Expires	Keychain
		Authentication key	private key -		BEID-534C494E33660
		📰 Belgium Root CA	certificate -	27 Jan 2014 00	BEID-534C494E33660
		🔁 Citizen CA	certificate -	27 Jan 2014 00	BEID-534C494E33660
	Category	Authentical	tion) certificate	New Identity Preference	
R	All Items	Signature)	certificate	G	
▶ /	Passwords	🦞 Signature key	private key -	Copy "Je (Au	ithentication)"
1	Certificates			Export "Je (A	Authentication)"
ę	My Certificates Keys			Get Info Evoluato "Ir	(Authoptication)"
a	Secure Notes			Evaluate J	(Authentication)
		+ i	6	items	li.

In the window which appears type the following in the "Location or Email Address:"-field:

https://pauth.riziv.fgov.be/

Do this exactly as shown above, including the trailing /. The Certificate field should not be changed, as it should automatically show your name followed by "(Authentication)".

Location or Email Address:								
Enter the location	on (URL) or email	address for	which a certificate	is required				
Enter the location	in (one) or eman	address for	which a certificate	is required.				
Certificate:	🔄 Je	(Aı	uthentic 🛟					
Select the prefe	rred certificate fo	or the locatio	n or address speci	fied above.				
			Cancel	Add				

Click "add" to complete the configuration.

3.2 FireFox 3.0

3.2.1 Installation of the PKCS#11 Module

To be able to use your eID card in FireFox, an additional module has to be installed. Please open FireFox and navigate to <u>http://eid.belgium.be/pkcs11.jsp</u> to install this module automatically. The message

"Registration of the "Belgium Identity Card PKCS#11" module in Mozilla, Netscape or Firefox"

should appear.

3.2.2 Configuration of the certificates

Note: Please make sure your eID card is inserted in the card reader.

- Open FireFox and choose "Options..." -> "Advanced" -> "Encryption"



- Click on "View Certificates"

0 0				Ge	avanceerd					\odot
[]] Algemeen	Tabbladen	Inhoud	A Toepassingen	Privacy	Beveiliging	Geavanceer	đ			
Certificaten bekijken Intrekkingslijsten Validatie Beveiligingsapparaten										
Protoc	collen									
SS 🗹	L 3.0 gebr	uiken			🗹 TLS	1.0 gebrui	ken			
Ceavanceerd Agemeen Tabbladen Inhoud Toepassingen Privacy Beveiliging Geavanceerd Algemeen Tabbladen Inhoud Toepassingen Privacy Beveiliging Geavanceerd Protocollen Image: Certificaten Image: Certif										
Wanne	Ceavanceerd Image: Ceavanceerd <									
O Er a	automatise	ch een s	electeren 🕑	nij elke	keer vragei	n				
Cer	tificaten b	ekijken	Intrekkin	gslijster	n) (Valid	latie				
Geavanceerd Agemeen Tabbladen Inhoud Toepassingen Privacy Beveiliging Ceavanceerd Algemeen Netwerk Update Encryptie Protocollen SSL 3.0 gebruiken SSL 3.0 gebruiken Certificaten Wanneer een server om mijn persoonlijke certificaat verzoekt: Er automatisch een selecteren Mij elke keer vragen Certificaten bekijken Intrekkingslijsten Validatie Beveiligingsapparaten										
?										

- Search the certificate "Belgium Root CA" and select the line under the arrow
- Click on "Edit ..."

) ()	Certificat	enbeheerder	_
	Uw certificaten Personen	Servers Organisaties Overige	
J hebt certificaten <u>c</u>	earchiveerd die deze certificatieautoriteit	en identificeren:	
Certificaatnaam		Beveiligingsapparaat	Ę
AddTrust Q	ualified CA Root	Builtin Object Token	
 America Online 	e Inc.		
America On	line Root Certification Authority 1	Builtin Object Token	
America On	line Root Certification Authority 2	Builtin Object Token	
AOL Time Warr	ner Inc.		
AOL Time W	arner Root Certification Authority 2	Builtin Object Token	
AOL Time W	arner Root Certification Authority 1	Builtin Object Token	
Autoridad de C	ertificacion Firmaprofesional CIF A62634	068	
Autoridad d	e Certificacion Firmaprofesional CIF A626	34068 Builtin Object Token	
Baltimore			
Baltimore C	yberTrust Root	Builtin Object Token	
▼ Belgium Root 0	CA		
Citizen CA		BELPIC	Ĭ
Belgium Ro	ot CA	BELPIC	•
Weergeven	Bewerken) Importeren) Exp	porteren) (Verwijderen)	
	2		
			UK

- Make sure the 3 check boxes are checked and click "Ok"

Het certificaat "Belgium Root CA" vertege	nwoordigt een certificatieautoriteit.
Vertrouwensinstellingen bewerken:	
Dit certificaat kan websites identifice	ren.
☑ Dit certificaat kan e-mailgebruikers i	identificeren. 🗕
Dit certificaat kan makers van progra	ammatuur identificeren.
3	Annuleren OK

- Search the certificate "Belgium Root CA 2". If it is present, please repeat the steps above (select the line under the arrow, click on "Edit ...", make sure the 3 check boxes are checked and click "Ok").

3.3 FireFox 3.5

3.3.1 Installation of the PKCS#11 Module

To be able to use your eID card in FireFox, an additional module has to be installed. On FireFox 3.5 this module has to be installed manually.

- Open FireFox and choose "Options..." -> "Advanced" -> "Encryption"



- Click on "Security Devices"

0 0	Geavanceerd		
Image: Displayer Image: Displayer Algemeen Tabbladen	Toepassingen Privacy Beveiliging Geavance	erd	
	Algemeen Netwerk Update En	cryptie	
Protocollen			
SSL 3.0 gebruiken	🗹 TLS 1.0 gebr	uiken	
Certificaten			
Wanneer een server om OEr automatisch een s	Geavanceerd Image: Ceavanceerd Image: Tabbladen Inhoud Toepassingen Privacy Beweiliging Geavanceerd		
Certificaten bekijken	(Intrekkingslijsten) (Validatie)		
Certificaten Certificaten bekijken Intrekkingslijsten Validatie Certificaten Dekijken Intrekkingslijsten Validatie Certificaten 2000 Certificaten Dekijken Intrekkingslijsten Validatie			
?			

- Click on "Load"

0) ()	Apparaatbel	neerder	
Be ▼	eveiligingsmodules en -appar NSS Internal PKCS #11 Module Algemene cryptodiensten Software-beveiligingsapp Ingebouwde roots-module Builtin Object Token	Details	Waarde	Aanmelden Afmelden Wachtwoord wijzigen Laden Ontladen FIPS inschakelen
				ОК

- Type "Belgium eID PKCS #11 Module" as Module Name and "/usr/local/lib/beid-pkcs11.bundle" as Module Filename.



- The required module is now installed. Click on "Ok" to close the device manager.

0	0	Apparaatbel	neerder	\Box
Bev	eiligingsmodules en -appar	Details	Waarde	Aanmelden
▼	NSS Internal PKCS #11 Module	Status	Klaar	
	Algemene cryptodiensten	Beschrij	ACS ACR38 Sm	Afmelden
	Software-beveiligingsapp	Fabrikant	_ID_	
▼	Ingebouwde roots-module	HW-versie	1.0	(Wachtwoord wijzigen)
	Builtin Object Token	FW-versie	1.0	
▼	Belgium eID PKCS #11 Module	Label	BELPIC	Laden
	BELPIC	Fabrikant	Belgium Govern	
		Serienu	6CFF25673B14	Ontladen
		HW-versie	1.0	
		FW-versie	1.0	FIPS inschakelen
				ОК

3.3.2 Configuration of the certificates

Note: Please make sure your eID card is inserted in the card reader.

- Open FireFox and choose "Options..." -> "Advanced" -> "Encryption"



- Click on "View Certificates"

00				Ge	avanceerd					\bigcirc
[] Algemeen	Tabbladen	Inhoud	A Toepassingen	Privacy	Beveiliging	Geavanceer	1			
Certificaten bekijken Intrekkingslijsten Validatie Beveiligingsapparaten										
Proto	collen							 		_
Certificaten bekijken Intrekkingslijsten Validatie Certificaten bekijken Intrekkingslijsten Validatie Certificaten Dekijken Intrekkingslijsten Validatie										
Certificaten bekijken Intrekkingslijsten Validatie Certificaten bekijken Intrekkingslijsten Validatie Certificaten bekijken Intrekkingslijsten Validatie			_							
Wann	eer een ser	ver om	mijn persoon	lijke cer	tificaat ver	zoekt:				
Er	automatise	ch een s	electeren 🕑	Mij elke	keer vragei	n				
Ce	rtificaten b	ekijken	Intrekkin	gslijster) (Valid	latie				
Ceavanceerd Algemeen Tabbladen Inhoud Toepassingen Privacy Beveiliging Geavanceerd Algemeen Netwerk Update Encryptie Protocollen SSL 3.0 gebruiken Certificaten Wanneer een server om mijn persoonlijke certificaat verzoekt: Certificaten Mij elke keer vragen Certificaten bekijken Intrekkingslijsten Validatie Beveiligingsapparaten										
?										

- Search the certificate "Belgium Root CA" and select the line under the arrow
- Click on "Edit ..."

) ()		Certific	atenbeheei	rder		-
	Uw certificaten	Personen	Servers	Organisaties	Overige	
J hebt certificaten g	gearchiveerd die deze cer	tificatieautorite	iten identific	eren:		
Certificaatnaam				Beveiligingsappar	aat	Ę
AddTrust Q	ualified CA Root			Builtin Object Tok	en	É.
America Online	e Inc.					
America On	line Root Certification Au	thority 1		Builtin Object Tok	en	
America On	line Root Certification Au	thority 2		Builtin Object Tok	en	
AOL Time Warr	ner Inc.					
AOL Time V	arner Root Certification	Authority 2		Builtin Object Tok	en	
AOL Time V	arner Root Certification	Authority 1		Builtin Object Tok	en	
Autoridad de C	Certificacion Firmaprofesi	onal CIF A6263	4068			
Autoridad d	le Certificacion Firmaprof	esional CIF A6	2634068	Builtin Object Tok	en	
 Baltimore 						
Baltimore C	yberTrust Root			Builtin Object Tok	en	
▼ Belgium Root (CA					
Citizen CA				BELPIC		¥
Belgium Ro	ot CA			BELPIC		
Weergeven	Bewerken	rteren)	xporteren	Verwijderen)	
	2				6	OK
						UK

- Make sure the 3 check boxes are checked and click "Ok"

Het certificaat "Belgium Root CA" vertegenwoordigt een certificatieautoriteit.	
Vertrouwensinstellingen bewerken:	eren.
Dit certificaat kan e-mailgebruikers	identificeren. 4 ammatuur identificeren.
3	Annuleren OK

- Search the certificate "Belgium Root CA 2". If it is present, please repeat the steps above (select the line under the arrow, click on "Edit ...", make sure the 3 check boxes are checked and click "Ok").

4. Recommendations

- It is recommended to insert the eID card into the card reader **before** starting the authentication.

- For security reasons, it is recommended to **remove** the eID card as soon as the authentication has been completed.

5. FAQ

5.1 Question: I do not know my PIN-code

If you have your eID PUK-code, it is possible to reset your eID PIN-code. If you do not have your eID PUK-code, it is possible to ask a reprint of the eID PIN- and PUK-codes at your municipality. Please refer to your municipality for more information.

5.2 Question: I entered 3 wrong PIN-codes for my eID and now my card is blocked

If you have your eID PUK-code, it is possible to reset your eID PIN-code. If you do not have your eID PUK-code, it is possible to ask a reprint of the eID PIN- and PUK-codes at your municipality. Please refer to your municipality for more information.

5.3 Question: I have lost my eID Card

Please go to your municipality, the nearest police station or contact "DocStop" of Internal Affairs at +3225182123. To request a new eID card you will have to contact your municipality.

5.4 Question: My eID Card has been stolen

Please go to your municipality, the nearest police station or contact "DocStop" of Internal Affairs at +3225182123. To request a new eID card you will have to contact your municipality.

5.5 Question: I have a problem with the installation of the eID Middleware

Please follow the "QuickFix Wizard":

- For Dutch: http://eid.belgium.be/nl/hulp_nodig/QuickFix
- For French: <u>http://eid.belgium.be/fr/besoin_d_aide/QuickFix</u>

5.6 Question: When connecting through eID, a message "The website declined to show this webpage (HTTP 403)"

Please close the browser and insert the eID card in the reader before trying again.

5.7 Question: When connecting through eID, a message "Secure Channel Client Authentication Required"

Please close the browser and insert the eID card in the reader before trying again.

5.8 Question: I already have an eID Middleware installed, do I still have to execute the procedures of chapter 2 and 3?

No these procedures have to be executed only once. If a version of the eID Middleware has already been installed, you are ready to authenticate to NIHDI websites with your eID card.