# Technical requirements for external users to run EASA eLearning courses

## 1. Software

To run eLearning courses on the ELG platform you need:

- Internet Explorer (recommended) → version 11 update 11.0.32
- Java  $\rightarrow$  version 8 update 144 (released on 26 July 2017)
- Adobe Flash player → version 26 NPAPI

In particular for security reasons – the above mentioned software should be regularly updated to the latest versions. If you do not have admin rights to run the updates yourself please check with your IT department on this topic.

### 2. Turn off ActiveX Filtering for EASA Learning Gateway (ELG)

EASA online courses use Adobe Flash which is an ActiveX control.

If for security reasons ActiveX Filtering is enabled on your computer, it also prevents EASA courses from running properly. Then you can only see a blank window without content.

#### Solution: Disable ActiveX Filtering for ELG only:

Browse to <a href="https://training.easa.europa.eu">https://training.easa.europa.eu</a> and click on the filter symbol beside the address bar (1)

0	Some content is filtered on this site
	Use the button below to configure filtering options.
	Turn off ActiveX Filtering

- Click on the button **Turn off ActiveX Filtering** (2) to disable the filtering for the current site.
- Repeat the two steps above for <u>http://training.easa.europa.eu</u>

## 3. Java settings: Exception Site List

In addition, the ELG portal (<u>http://training.easa.europa.eu</u> and <u>https://training.easa.europa.eu</u>) needs to be added to the exception site list in the Java Control panel:

Click on the Windows Start button, directly type Java and select Configure Java shown under the category Programs.

About Jav	, m		
🛃 Java	_		
)ocuments (	248)		
💼 Quick Gui 🗾 Quick Gui			ngs for ELG eLearning c ngs for ELG eLearning c
📲 Quick Gui	de - How to upda	te Java setti	ngs for ELG eLearning c
See more res	ults		
Java		×	Shut down 🕨

Change to the Security tab and click Edit Site List....

🍰 Java Control Panel			
General Java Security Advanced			
Enable Java content in the browser			
Security level for applications not on the Exception	n Site list		
─ Very High			
Only Java applications identified by a certific and only if the certificate can be verified as r	ate from a trusted authority are allowed to run, not revoked.		
Java applications identified by a certificate from a trusted authority are allowed to run, even if the revocation status of the certificate cannot be verified.			
Exception Site List Applications launched from the sites listed belo property	w will be allowed to run after the appropriate security		
http://*.easa.europa.eu			
http://*.easa.local http://*.ext.easa.local	+ Edit Site List		
Resto	re Security Prompts Manage Certificates		
	OK Cancel Apply		

- By clicking Add (first time) you create an empty row at the bottom of the Exception Site List. If necessary scroll down to see this new row and click into the field:
  - $\rightarrow$  Enter *http://training.easa.europa.eu* into the field and click **Add** (second time).

🔔 Exc	🛃 Exception Site List				
Appli prom	Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.				
	Location				
۵.	http://aris.easa.local/				
9	http://arispublisher.easa.local/				
9	http://eacgnvwarsp03.easa.local/				
9	http://xtcgnvwas02.ext.easa.local/				
	https://*.easa.europa.eu				
	https://*.easa.local				
	https://*.ext.easa.local				
-	http://training.easa.europa.eu				
9	FILE and HTTP protocols are considered a security risk. We recommend using HTTPS sites where available.				
	OK Cancel				

• You will see a security warning and have to click **Continue** to confirm.

To register another address click Add (third time), scroll down and click into the new row:
 → Now enter https://training.easa.europa.eu and click Add afterwards (forth time).

<u></u>	Exc	ception Site List	<b>(</b>
F	prom	npts.	
		Location	11
11	"i	http://arispublisher.easa.local/	
	1	http://eacgnvwarsp03.easa.local/	11
	1	http://xtcgnvwas02.ext.easa.local/	
		https://*.easa.europa.eu	
		https://*.easa.local	
		https://*.ext.easa.local	
	9	http://training.easa.europa.eu	
		https://training.easa.europa.eu	
**	9	FILE and HTTP protocols are considered a security risk. We recommend using HTTPS sites where available.	]  e
		OK Cancel	

Click **OK** (once only) to save the new sites and change to the tab **Advanced**.

## 4. Advanced Java settings

Make sure your advanced settings match with the settings below:

🔹 Java Control Panel			
General Java Security Advanced			
Delivering			
Enable tracing			
Enable logging			
Show applet lifecycle exceptions			
Java console			
Show console			
Do not start console			
Default Java for browsers			
Mozilla family			
Shortcut Creation			
Always allow			
Prompt user			
Prompt user if hinted			
Never allow			
JNLP File/MIME Association			
Always allow			
Application Installation			
·····      Install if hinted			
Install if shortcut created			
Install if hinted and shortcut			
inno Never install			
Execution Environment Security Settings			
Show sandbox warning banner			
V Allow user to accept JNLP security requests			
Don't prompt for client certificate selection when no certificates or only one exists			
Warn if site certificate does not match hostname			
Show site certificate from server even if it is valid			
Mixed code (sandboxed vs. trusted) security verification			
Enable - show warning in recedu      Enable - bide warning and run with protections			
Enable - hide warning and don't run untrusted code			
<ul> <li>Disable verification (not recommended)</li> </ul>			
Perform TLS certificate revocation checks on			
Server certificate only			
All certificates in the chain of trust			
Check for TLS certificate revocation using			
Certificate Revocation Lists (CRLs)			
Online Certificate Status Protocol (OCSP)			
Both CRLs and OCSP			
Advanced Security Settings			
I have a set operating system's restricted environment (native sandbox)			
Ose cerundates and keys in browser keystore     Finable blacklist revocation check			
Enable caching password for authentication			
Use SSL 2.0 compatible ClientHello format			
	=		
imi V Use TLS 1.2			
Miscellaneous			
Very Place Java icon in system tray			
Suppress sponsor offers when installing or updating Java	-		
OK Cancel	Apply		

If you still encounter issues after adjusting the settings as described above, please contact tt@easa.europa.eu.