# Ecu manager Installation and configuration guide.

# Requirements.

# Web sites.

It's necessary, the workstation that you want use for Ecu manager has to respect the minimum requirements, described in the Maserati Technical Information website:

http://techinfo.maserati.com/tch/requirements/

# Workstation:

### Java

The workstation must be able to use the java technology and in the follow links you can have other information:

- The website of java is <a href="http://www.java.com/it/">http://www.java.com/it/</a>

- For the requirements of the workstation you can read the follow page: <u>http://www.java.com/it/download/win\_sysreq-sm.jsp</u>

- The JRE must be install on the workstation. You can follow the instructions that you can find on this page: <u>https://www.java.com/it/download/help/ie\_online\_install.xml</u>

-for information about the Java Web Start technology , used to the development of Ecu Manager, you can read the follow link:

http://www.java.com/it/download/faq/java\_webstart.xml

From wikipedia:

Java Web Start	In computing, Java Web Start (also known as
	JavaWS, javaws or JAWS) is a <u>framework</u> developed
	by <u>Sun Microsystems</u> (now <u>Oracle</u> ) that allows users
	to start application software for the Java Platform
	directly from the <u>Internet</u> using a <u>web browser</u> .
	Some key benefits of this technology include
	seamless version updating for globally distributed
	applications and greater control of memory
	allocation to the Java virtual machine.
	Source:
	https://en.wikipedia.org/wiki/Java_Web_Start

You can find the instructions to configure your browser in the follow link:

http://www.java.com/it/download/help/enable\_browser.xml

Ecu Manager requests a 32 bit java build. The suggested version is Java Version 8 with Update 311, but you can use a version of Java not older than the v: 7.0.

# VCI

The workstation must be respect the minimum requirements of the constructor of the VCI. If you want use a VCI ISO 22900, it must be respect the standards ISO22900/1 and ISO22900/2 described in the follow table.

Document /Name	Description
ISO 22900-1:2008	Road vehicles Modular vehicle communication interface (MVCI) Part 1: Hardware design requirements
ISO 22900-2:2009	Road vehicles Modular vehicle communication interface (MVCI)
	Part 2: Diagnostic protocol data unit application programming
	interface (D-PDU API)

The workstation must be respect the minimum requirements of the constructor of the VCI. If you want use a VCI SAE J2534, it must be respect the standard SAE J2534/2, described in the follow table:

Document / Name	Description
SAE J2534/2: 2006-03-27	SAE J2534-1 defines a standard vehicle network interface that can be
	used to reprogram emission related control modules. However, there
	is a need to support vehicles prior to the 2004 model year as well as
	non-emission related control modules. The SAE J2534-2 document
	meets these needs by detailing extensions to an SAE J2534-1 interface.
	Together, these extensions provide the framework for a common
	interface to protect the software investment of the Vehicle OEMs and
	Scan Tool manufacturers. Only the optional features will be described
	by this document. Unless otherwise noted it is expected that these
	features are added to a fully compliant interface adhering to the
	December 2004 publication of SAE J2534-1.
	http://standards.sae.org/j2534/2 200603/

# Specific requirements:

Ecu Manager also requires that the VCI manufacturer implements ISO22900 / 2 VCI software with 32bit Architecture (the DLL must be 32bit).

# Browser and Java configurations:

To remove the Pop-up blocker open your browser the Internet Options. In the Privacy section , open setting of popup blocker (Turn on pop-up blocker must be always checked).

neral   Security   Privacy   Content   Connections   Programs   Advanced lettings Select a setting for the Internet zone.	Exceptions Populars are currently blocked. You can allow po websites by adding the site to the list below. Address of website to allow:	p-ups from specific
Medium		Add
<ul> <li>Blocks third-party cookies that do not have a compact privacy policy</li> <li>Blocks third-party cookies that save information that can</li> </ul>	Allowed stes:	
be used to contact you without your explicit consent	https://ecumanager.maserati.com	Ferrove
can be used to contact you without your implicit consent	https://ecumanager2.maserati.com https://techinfo.maserati.com	Remove al
Sites Inport Advanced Default		
Never allow websites to request your		
physical location	Notifications and Nockion level	
hop-up Blocker	Play a sound when a pop-up a blocked.	
Turn on Pop-up Blocker Settings	Show Notification bar when a pop-up is blocked.	
inPrivate	Blocking level:	
Disable toolbars and extensions when InPrivate Browsing starts	Medium: Block most automatic pop-ups	•
	Learn more about Footup Backer	Close

#### Insert the follow web site in the form:

https://ecumanager.maserati.com

https://ecumanager2.maserati.com

https://techinfo.maserati.com

You have to do the same configurations in the Java configuration program :

Open Control Panel->Programs and select Java icon.

In the security section, press button Edit Site List and write the two site that I write above.

Java Control Panel	Exception Site List
General Update Java Security Advanced	Applications la oched from the sites lated below will be allowed to non after the appropriate security.
Fnable Java content in the browser	prompts.
	1 Annalis
	the store //en manager managati com
Security level for applications not on the Exception Site list	https://ecumanager2.maserati.com
🕐 Very High	https://techinfo.maserati.com
Only Java applications identified by a certificate from a trusted authority are allowed to run, and only if the certificate can be verified as not revoked.	
High	
Java applications identified by a certificate from a truated authority are allowed to run, even if the revocation status of the certificate cannot be verified.	Add Remove FILE and HTTP protocols are considered a security risk. We recommend using HTTPS sites where available.
Exception Site List	OK Cano
Applications launched from the sites listed below will be allowed to run after the appropriate security promots.	
https://ecumanager.maserati.com https://ecumanager.amaerati.com thtps://ecumanager.amaerati.com Edit Site List	
Restore Security Prompts Manage Certificates	
OK Cancel Acoly	

In the java section verify if the full path of the jawaws.exe program is correct. If it's wrong write the correct full path of the Java web start program.

For example C:\Program Files (x86)\Java\jre1.8.0\_144\bin\javaws.exe

er s	ystem		5			
Pla	Product	Location	Path	Runtime Parameters	Enabled	Archite
1.8	1.8.0_144	http://java	C:\Program	]		x86

Restart your browser.

### Test the configuration:

From browser open this page: <u>https://techinfo.maserati.com/</u>

Use your credential to connect to the techinfo

Connect the VCI by USB cable and the VCI at a car.

Open "Purchase ECU Packages" and select the model where you are connected.

After that press the "Start the vehicle identification procedure".

At the bottom of the browser will appear the follow form. Press open:



If you cannot open DownloadJnpl.aspx, select javaws.exe as program to open this file.



Check "I accept the risk and want to run the application" and press Run. After that you are able to the test.

Problems with pop-up blocker:

If You see the message box under :



You can resolve in the follow mode: Open Internet Option in your browser and, in the security section , you have to select the trusted sites option: after that select Sites button and insert the sites as you can see above:



Restart your browser.

# Application closure

From the follow message box, you can close the JNPL application:



If this message box appear at the end of each operation, press "Leave this page". Otherwise, if it appear during a operation press "Stay on this page".