



# ALTAIR

ONLY FORWARD

Altair Safety Report Manager  
2022.3

Installation Guide

[altair.com](https://www.altair.com)

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**Altair® SimLab® ST** ©2019-2023

**Altair SimSolid®** ©2015-2023

**Altair® ultraFluidX®** ©2010-2023

**Altair® Virtual Wind Tunnel™** ©2012-2023

**Altair® WinProp™** ©2000-2023

**Altair® WRAP™** ©1998-2023

**Altair® GateVision PRO™** ©2002-2023

**Altair® RTLvision PRO™** ©2002-2023

**Altair® SpiceVision PRO™** ©2002-2023

**Altair® StarVision PRO™** ©2002-2023

**Altair® EEvision™** ©2018-2023

### **Altair Packaged Solution Offerings (PSOs)**

**Altair® Automated Reporting Director™** ©2008-2022

**Altair® e-Motor Director™** ©2019-2023

**Altair® Geomechanics Director™** ©2011-2022

**Altair® Impact Simulation Director™** ©2010-2022

**Altair® Model Mesher Director™** ©2010-2023

**Altair® NVH Director™** ©2010-2023

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### **Altair HPC & Cloud Products**

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**Altair® PBS Works™** ©2022-2023

**Altair® Control™** ©2008-2023

**Altair® Access™** ©2008-2023

**Altair® Accelerator™** ©1995-2023

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**Altair® FlowTracer™** ©1995-2023

**Altair® Allocator™** ©1995-2023

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**Altair® Hero™** ©1995-2023

**Altair® Software Asset Optimization (SAO)** ©2007-2023

**Altair Mistral™** ©2022-2023

**Altair® Grid Engine®** ©2001, 2011-2023

**Altair® DesignAI™** ©2022-2023

**Altair Breeze™** ©2022-2023

**Altair® NavOps®** ©2022-2023

**Altair® Unlimited™** ©2022-2023

## **Altair Data Analytics Products**

**Altair Analytics Workbench™** © 2002-2023

**Altair® Knowledge Studio®** ©1994-2023

**Altair® Knowledge Studio® for Apache Spark** ©1994-2023

**Altair® Knowledge Seeker™** ©1994-2023

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**Altair® Panopticon™** ©2004-2023

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**Altair One™** ©1994-2023

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# Technical Support

Altair provides comprehensive software support via web FAQs, tutorials, training classes, telephone, and e-mail.

## Altair One Customer Portal

Altair One (<https://altairone.com/>) is Altair's customer portal giving you access to product downloads, a Knowledge Base, and customer support. We recommend that all users create an Altair One account and use it as their primary portal for everything Altair.

When your Altair One account is set up, you can access the Altair support page via this link:

[www.altair.com/customer-support/](http://www.altair.com/customer-support/)

## Altair Community

Participate in an online community where you can share insights, collaborate with colleagues and peers, and find more ways to take full advantage of Altair's products.

Visit the Altair Community (<https://community.altair.com/community>) where you can access online discussions, a knowledge base of product information, and an online form to contact Support. After you login to the Altair Community, subscribe to the forums and user groups to get up-to-date information about release updates, upcoming events, and questions asked by your fellow members.

These valuable resources help you discover, learn and grow, all while having the opportunity to network with fellow explorers like yourself.

## Altair Training Classes

Altair's in-person, online, and self-paced trainings provide hands-on introduction to our products, focusing on overall functionality. Trainings are conducted at our corporate and regional offices or at your facility.

For more information visit: <https://learn.altair.com/>

If you are interested in training at your facility, contact your account manager for more details. If you do not know who your account manager is, contact your local support office and they will connect you with your account manager.

## Telephone and E-mail

If you are unable to contact Altair support via the customer portal, you may reach out to technical support via phone or e-mail. Use the following table as a reference to locate the support office for your region.

Altair support portals are available 24x7 and our global support engineers are available during normal Altair business hours in your region.

When contacting Altair support, specify the product and version number you are using along with a detailed description of the problem. It is beneficial for the support engineer to know what type of workstation, operating system, RAM, and graphics board you have, so include that in your communication.

Location	Telephone	E-mail
Australia	+61 3 9866 5557	<a href="mailto:anzsupport@altair.com">anzsupport@altair.com</a>
Brazil	+55 113 884 0414	<a href="mailto:br_support@altair.com">br_support@altair.com</a>
Canada	+1 416 447 6463	<a href="mailto:support@altairengineering.ca">support@altairengineering.ca</a>
China	+86 400 619 6186	<a href="mailto:support@altair.com.cn">support@altair.com.cn</a>
France	+33 141 33 0992	<a href="mailto:francesupport@altair.com">francesupport@altair.com</a>
Germany	+49 703 162 0822	<a href="mailto:hwsupport@altair.de">hwsupport@altair.de</a>
Greece	+30 231 047 3311	<a href="mailto:eesupport@altair.com">eesupport@altair.com</a>
India	+91 806 629 4500 +1 800 425 0234 (toll free)	<a href="mailto:support@india.altair.com">support@india.altair.com</a>
Israel		<a href="mailto:israelsupport@altair.com">israelsupport@altair.com</a>
Italy	+39 800 905 595	<a href="mailto:support@altairengineering.it">support@altairengineering.it</a>
Japan	+81 3 6225 5830	<a href="mailto:jp-support@altair.com">jp-support@altair.com</a>
Malaysia	+60 32 742 7890	<a href="mailto:aseansupport@altair.com">aseansupport@altair.com</a>
Mexico	+52 55 5658 6808	<a href="mailto:mx-support@altair.com">mx-support@altair.com</a>
New Zealand	+64 9 413 7981	<a href="mailto:anzsupport@altair.com">anzsupport@altair.com</a>
South Africa	+27 21 831 1500	<a href="mailto:support@altair.co.za">support@altair.co.za</a>
South Korea	+82 704 050 9200	<a href="mailto:support@altair.co.kr">support@altair.co.kr</a>
Spain	+34 910 810 080	<a href="mailto:support-spain@altair.com">support-spain@altair.com</a>
Sweden	+46 46 460 2828	<a href="mailto:support@altair.se">support@altair.se</a>
United Kingdom	+44 192 646 8600	<a href="mailto:support@uk.altair.com">support@uk.altair.com</a>
United States	+1 248 614 2425	<a href="mailto:hwsupport@altair.com">hwsupport@altair.com</a>

If your company is being serviced by an Altair partner, you can find that information on our web site at <https://www.altair.com/PartnerSearch/>.

See [www.altair.com](http://www.altair.com) for complete information on Altair, our team, and our products.

# Altair Safety Report Manager

Follow the steps below to create a menu and a ribbon for launching Altair Safety Report Manager solution from HyperWorks.

## **STEP 1:**

Unzip the contents of the zip file (**ASRM\_2022.3.zip**) into a user specified folder.

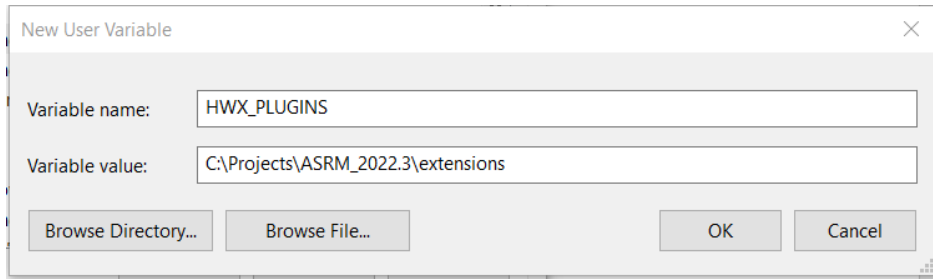
## **STEP 2:**

Define the following Environment Variable

Variable name: **HWX\_PLUGINS**

Variable value: **<asm\_install\_directory>\extensions**

For example:

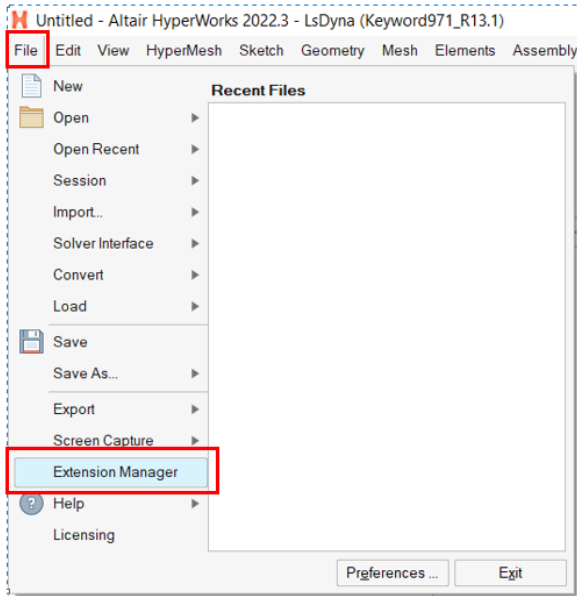


## **STEP 3:**

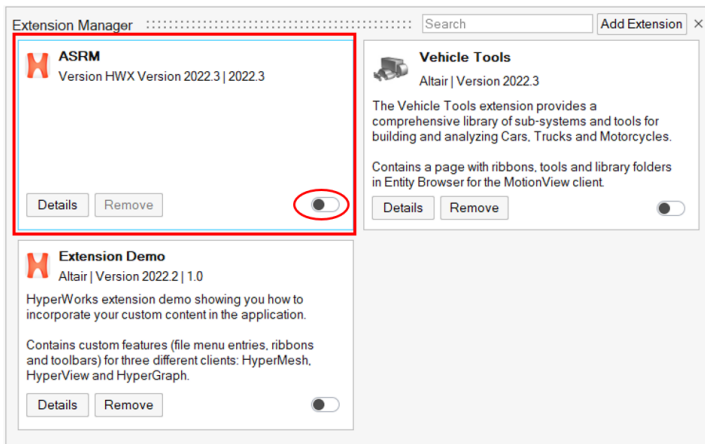
Launch HyperWorks 2022.3 and enable the ASRM menu and launch ribbon from the Extension Manager

3.1: Go to File > Extension Manager as shown below

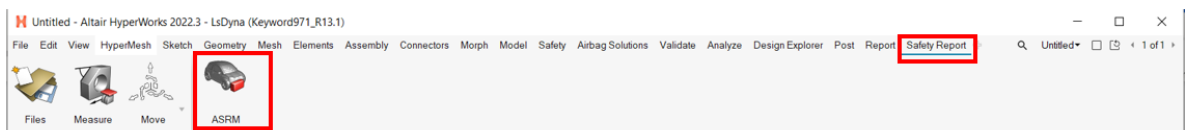




3.2: The Extension Manager dialog is displayed, and you will notice ASRM extension menu as shown below. Turn on the toggle button to load the ASRM utility

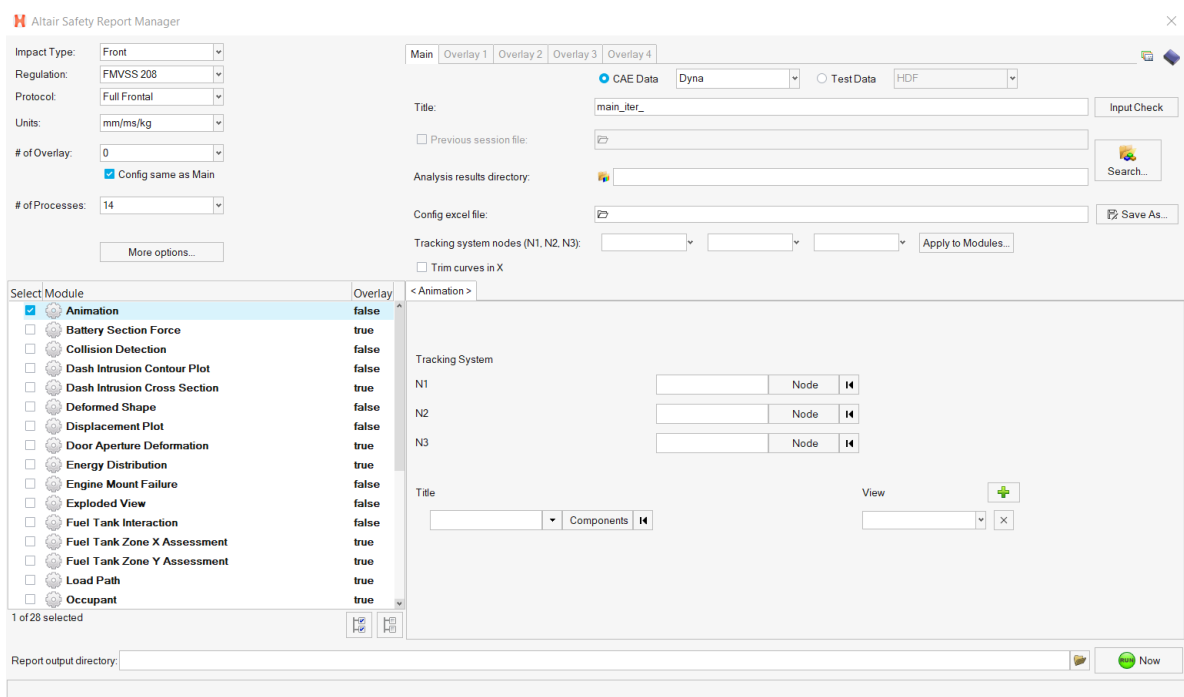


3.3: You will notice a pull-down menu page called **Safety Report** and a ribbon **ASRM** under the page as shown below.





## STEP 4:

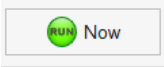
Launch ASRM from the launch menu. ASRM GUI is displayed as shown below.



3.1: Enter a title in the **Title** field

3.2: Click on Browse button  next to **Analysis results directory**. Select the results directory. This is the directory where the solver input file, results files (3D animation & time history files) as well as solver message files should be located.

3.3: Click on Browse button  next to **Config excel file**. Select the input configuration file. The config file will be loaded and appropriate modules & respective inputs are populated.

3.4: Click on **Run Now** button . This will start the batch process.