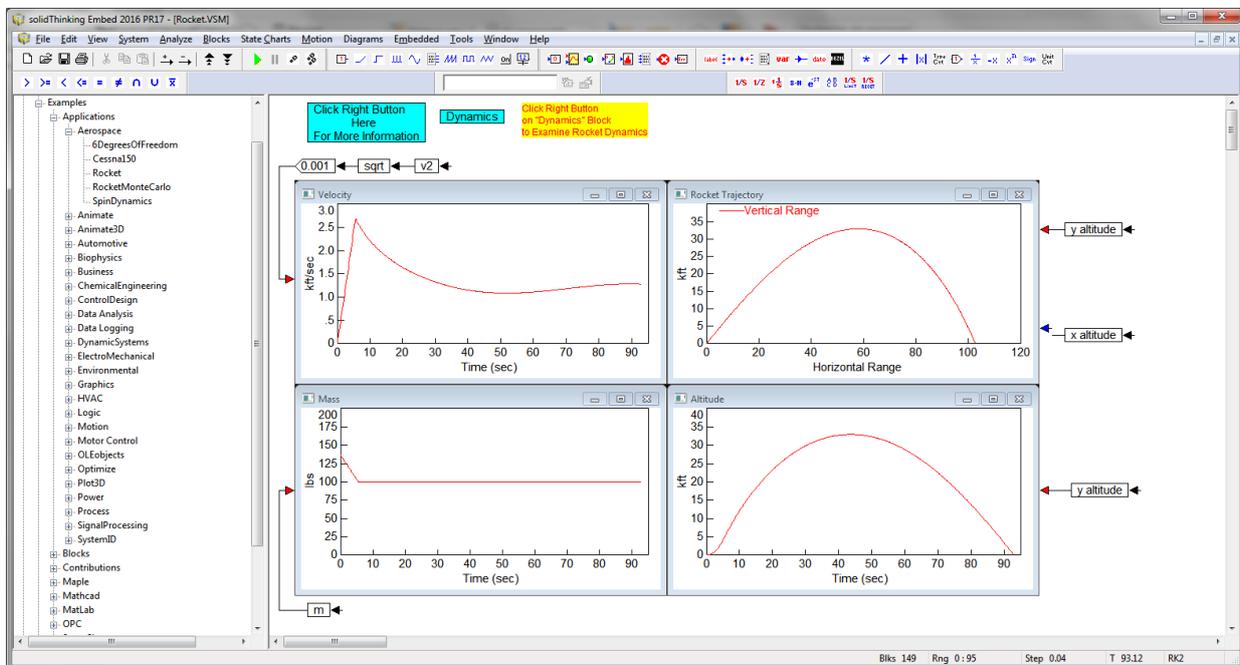


## Embed SE 2017.2 Release Notes

### INTRODUCTION

**solidThinking Embed SE (Simulation Edition)**, formerly known as VisSim Professional, is a visual environment for model-based development and dynamic simulation of complex systems. It combines an intuitive graphical interface with a powerful simulation engine to accurately represent linear and nonlinear systems, and simulate their behavior in continuous time, sampled time, or a combination of both.

**solidThinking Embed SE** provides a tightly integrated development environment, making it easy to pass freely among the stages of model construction, simulation, optimization, and validation, allowing you to create, verify, and validate prototypes before committing to the design.



### PLATFORM SUPPORT

Platform		
OS	Version	Architecture
Windows	10/8.1/7	x86_64

The following features and enhancements have been added for **solidThinking Embed SE 2017.2**:

**GENERAL: INTEGRATION**

<b>Open Vision</b>	Leveraging the OpenCV library, a collection of blocks for reading, processing and displaying images and videos have been added. Applications include, for example, detecting features on an image of tracking objects on videos or webcam live streams.
<b>Matrix pointer</b>	This is a new signal data type for passing vector and matrix data, 3D data, and videos.
<b>WM_VSM_GET_CONNECTOR_TYPE_STR</b>	New pointer argument for the event handler function. It supplies the text string of the pointer

The following issues have been resolved for **solidThinking Embed SE 2017.2**:

**GENERAL: SIMULATION**

Copy paste a <code>convert</code> block can results in crash
OML workspace tool doesn't print all the variables returned from function call
1/X block applied on complex number produces wrong result
Extra character added to the <code>const</code> block
Embed cannot open any vsm model after drag and drop a file of wrong type
Nyquist plot displays wrong result
<code>disp</code> command doesn't work correctly in OML workspace window
Improve error message when the license is missing
Display issue with high resolution monitor
Document Analyze preference dialog
Copy/paste issue (specific to compound blocks with variable local bounds)
Irresponsive debug diagram (slider issue)
Add a help button to Analyze Preferences dialog
<code>index</code> block should not be under Annotation
Dialog boxes for RealTime, UDP, CAN blocks do not have Help button
Pop up scroll menu on scroll bar: Top and Bottom selections do not work
No Icon/Info in Add/Remove Programs
In some diagrams, copy and paste the <code>convert</code> block can cause a crash