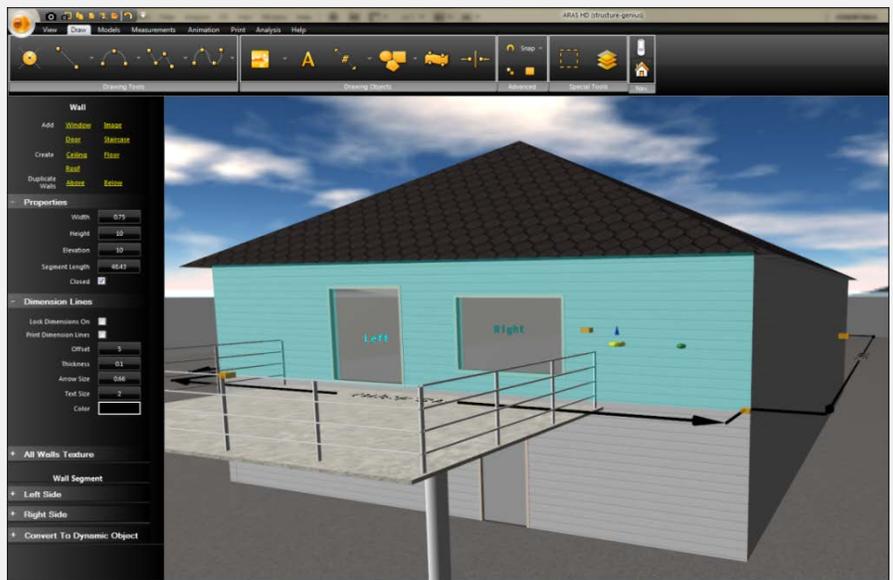


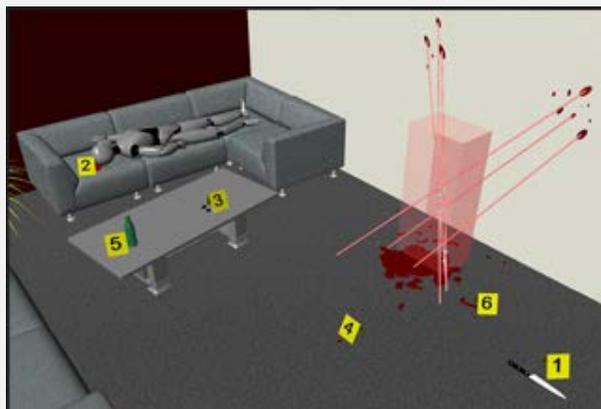
# ARAS 360 HD v2.2.0 Release Notes

## New Features and Updates:

- Animation paths will no longer be automatically created when a model is placed on the scene. Once a model is placed, an “Add Animation Path” option will be available on the left panel, or the option may also be found on the model’s right-click menu. Automatic creation of animation paths may be re-enabled under the Preferences → Models menu (Add animation path to models by default).
- Roofs can now be added to Structure Genius buildings and other objects with a single click. On a four-sided building created with Structure Genius, simply click to place the roof and then edit its properties on the left panel. If not using Structure Genius, the roof tool may also be found on the *Models* tab under the Buildings → Components category.



- Grip colors and sizes may now be adjusted under the Preferences menus. To bring up the menu, click the ARAS HD logo in the top left, and choose Preferences → Grips.
- Created a new Blood Spatter Analysis tool. The purpose of this feature is to allow crime users to determine the back trajectories and possible Area of Convergence of blood spatter from photos. This tool is located on the *Analysis* tab.



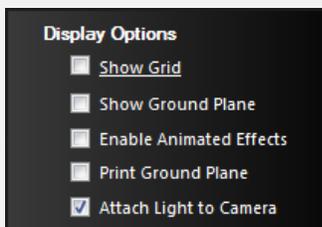
- Added over 150 new models to the model libraries.
- Updated the ruler/dimension line icon on the Draw tab. The dimension line will now be the default measure tool instead of the protractor.



- Created a new *Picture in Picture* feature. This tool takes a snapshot of the current view and places the resulting image on the scene. This is especially useful for highlighting small areas and important details in larger scenes. It can be found on the mini-menu.



- Added the *Photo Link* tool. This tool can be found under the *Custom Signs* dropdown on the *Models* tab. Photo Link allows users to display photographic evidence in relation to their ARAS scene. A marker is placed on the ARAS scene to represent where a photograph was taken at the incident scene. When a user hovers over that marker, the photograph that was taken at that location will be displayed.
- Added a new *Crush Dimension* tool that allows users to measure crush based on an orthogonal, top-down image of a damaged vehicle. This new tool is located on the *Analysis* tab.
- Included the ability to use the arrow keys on the keyboard to control fine adjustments when positioning objects on the scene. Settings may be adjusted under the Preferences → Interface Options menu.
- Included an “Attach Light to Camera” option which is located on the main, left panel. This is useful for viewing darker portions of scenes, particularly inside buildings.



- The Animation Chart will now dynamically resize based on the number of animation nodes, thus freeing up additional screen space. A maximum of 5 nodes will be displayed in the chart at any one time. The chart may always be manually resized by dragging the window.
- Updated the Vehicle Stiffness Database on [www.aras360.com](http://www.aras360.com). Added links to the stiffness database on the SAMI and crush forms where stiffness values are required.



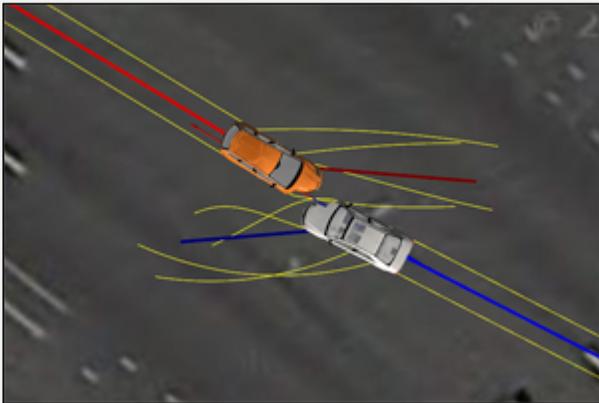
### **Bug Fixes**

- Corrected an issue where windows and doors would not place correctly when using Structure Genius in a 2D view.
- Fixed the save/load issue with the sun properties.
- Fixed a bug with terrain edges where the starting point of the line was being ignored.
- Fixed an issue in the Print Preview window where input textboxes would be duplicated on the left panel.

### **New Product Release: SCMI (Simulated Collinear Momentum Interactive)**

With the purchase of SCMI, ARAS HD users can calculate impact velocities of in-line collisions right on the scale diagram, and simulate the resulting damage with SMAC collision modeling.

The SCMI (Simulated Collinear Momentum Interactive) system blends conservation momentum solutions for vehicle impact configurations that can be assumed to be head on or same direction. SCMI includes SMAC damage simulation for a full-featured and well understood solution.



Visit <http://aras360.com/products/software/modules/scmi.html> for more information.