Isight Component — PAM-CRASH

The Isight PAM-CRASH component creates a direct link to PAM-CRASH, allowing you to update PAM-CRASH .PC files, execute PAM-CRASH models, and retrieve results from the PAM-CRASH software.

PAM-CRASH is a software product that performs realistic and predictive virtual crashworthiness simulation. PAM-CRASH has been extensively validated by industries worldwide through detailed simulation of full-scale experiments in the automotive, railroad, naval, and aerospace industries. By reducing the number of physical prototypes that need to be built and tested, PAM-CRASH's modeling capabilities bring you a better design in shorter and less expensive design cycles.

Component Specifications

- An Isight Activity component
- Provides support to all PAM-CRASH projects
- Provides the ability to fetch input and output parameters from PAM-CRASH models
- Parses input and output parameter information such as material properties, contact properties, sensor functions, rupture model properties and user-designed curves
- Provides support to divide large input files into two smaller files
- Allows user to edit the contents of the PAM-CRASH batch files
- Provides support for displaying/selecting available inputs and outputs by commands such as select, multi-select and select-all
- Provides support for displaying the image of the PAM-CRASH model
- Provides support to save the output in .dsy and .thp formats
- Compatible with Isight 3.5 and later versions
- Available on all Isight supported operating systems