

# JACK Plugin

Siemens' JACK digital human modeling and ergonomics software product, together with Motion Analysis, have introduced an advanced simulation, modeling and analysis tool which operates in real-time. The JACK Plug-in enables real-time motion capture data from a Motion Analysis system to be viewed in the JACK software.

Representing the culmination of the first phase of an extensive and ongoing collaborative effort, this initiative advances and enhances JACK's embedded Motion Capture Toolkit module by providing true real-time capabilities to the JACK mannequin to provide immediate and compelling information with regard to human factors and ergonomics.

Designers and engineers, armed with this powerful tool, can conduct multiple concurrent scenarios encompassing an array of applications from vehicular occupant packaging to factory planning and layout. These studies can be conducted in the virtual, digital realm where errors, omissions and other germane factors may be considered and corrected well in advance of the building and assembly process.

