

CATIA V5 Plugin

Dassault Systemes' CATIA V5 (Computer Aided Three-dimensional Interactive Application), a human modeling solution that allows the user to create and manipulate advanced, user-defined digital human manikins, and simulate task activities in the process simulation environment to analyze worker processes early in the manufacturing and assembly lifecycle. This solution allows users to create detailed customized manikins for an intended target audience, specifically analyze how the manikins will interact with objects in the virtual environment, and determine operator comfort and performance in the context of a new design.

Motion Analysis systems work with Dassault's CATIA V5 to provide realtime feedback as a human moves through the simulation environment. Motion Analysis is the only motion capture provider who has a real-time plug-in for the CATIA V5 software.

Features & Advantages

- Enables manufacturing engineers and plant designers to step inside their manufacturing process concepts
- Simulate and analyze how workers interact with equipment and objects
- Determine the technician's comfort and performance in the context of a process, maintenance or manufacturing operation
- Supports full scale live simulations
- Supports multiple manikins in V5 application
- Cost avoidance in building simulations
- Provides real-time feedback as a human moves through the simulation environment

