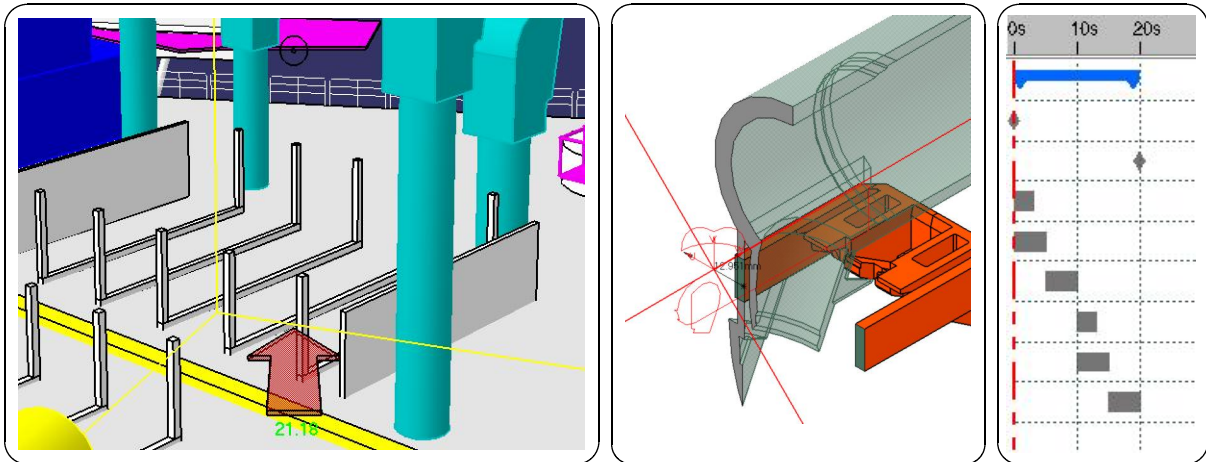





# The CAD/CAM Partnership

The leading independent CATIA specialist in the UK

## CATIA V5 Digital Mockup User Guide



- ★ This User Guide forms the basis for a **2-day** course and assumes no prior knowledge.  
Standard sample data is used to illustrate the definition and display of existing components within a product structure, and the different modes of navigation.
- ★ The **DMU Optimizer** can further improve the display response, and so examples are provided of the Silhouette: , Wrapping:  and Simplification:  options.
- ★ The **DMU Navigator** is used to add 2D and 3D annotation, and to create 'Scenes' of an alternative configuration, such as an exploded presentation.  
Examples are also provided of Spatial Queries and Measurements, the comparison of drawings within the 2D Workshop, and also the generation of animated presentations ('Replays' and video files) via Camera Tracks.
- ★ **DMU Space Analysis** is used to illustrate the Distance and Band (proximity) Analysis of components, the combination of Sectioning and Interference Analysis, and the visual comparison of different versions of (3D) components.
- ★ The chapter explaining the **DMU Fitting Simulator** provides examples of creating and modifying the assembly paths ('Tracks') of components, creating a 'Shuttle', and how to edit and subsequently annotate a 'Sequence'.  
Other examples illustrate Clash Detection during the simulation of an assembly, displaying a Gantt chart, and how to define an 'Experiment'.
- ★ The principles of the **DMU Kinematics Simulator** are explained, together with a table of Joint types and their 'Degrees of Freedom'. Examples illustrate the creation of Joints via Constraints, and the definition of Command Laws and kinematic Analysis.