

UserAidedFitting™ with KWS-UAF™ Software Library

Interactive collision-free path finder library

KWS-UAF™ is the only commercial Software Library that will enrich your 3D application with a new efficient feature **UserAidedFitting™** for interactive path building for parts.

Forecasting **accessibility issues** of a mechanical assembly within a 3D Digital Mock-up during the early stages of the design is a must.

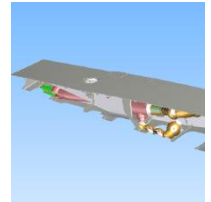
Documenting **maintenance feasibility** and **manufacturing processes** are not only internal requirements but also customers' requirements whatever their industrial field is.

Studying **Mounting and Dismounting activities** serves both the "Time To Market" and "Service Quality" criteria of any industrial good.

Searching and validating a trajectory is becoming increasingly time consuming in many engineering areas.

- Automotive
- Aircraft
- Shipbuilding
- PP&P
- High Tech
- Industrial Equipment

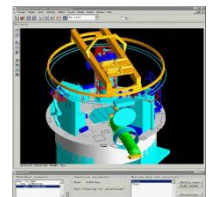
✓ Can I extract the pipe from the aircraft's central mast without colliding with other parts?



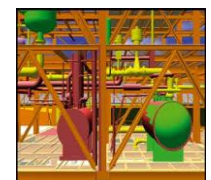
✓ Is the seat mountable into the car body without any collision while respecting specific constraints (e.g. no rotation allowed)?



✓ Once the plant is built, will the tank be easily removable?



✓ How to ensure a free corridor for logistic tasks in the ship hull?



UserAidedFitting™, a breakthrough innovative feature takes the best from both algorithmic power and user's know-how to find a Collision-free track within a 3D environment*

- ✓ **Interactively** removes collisions while the user builds a path
- ✓ The user **easily creates a collision free path** using a regular mouse, a 6D Mouse or a VR tracking device
- ✓ Efficient solution that **complements Haptique** systems for finding non-colliding path

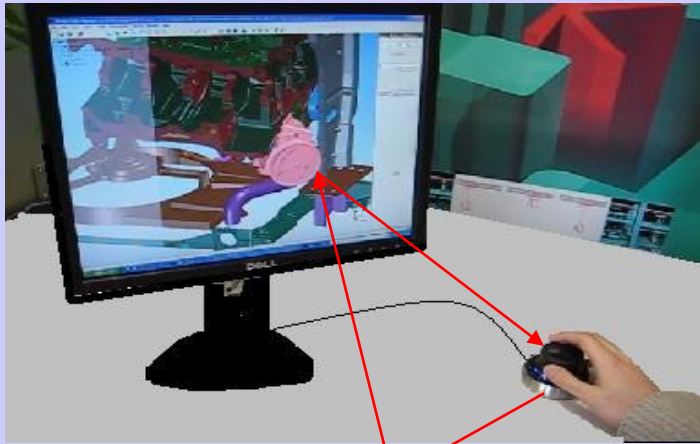
* The 3D environment being applications on desktop or Virtual Reality center with or without immersive system

For more information, please contact Kineo CAM at contact@kineocam.com

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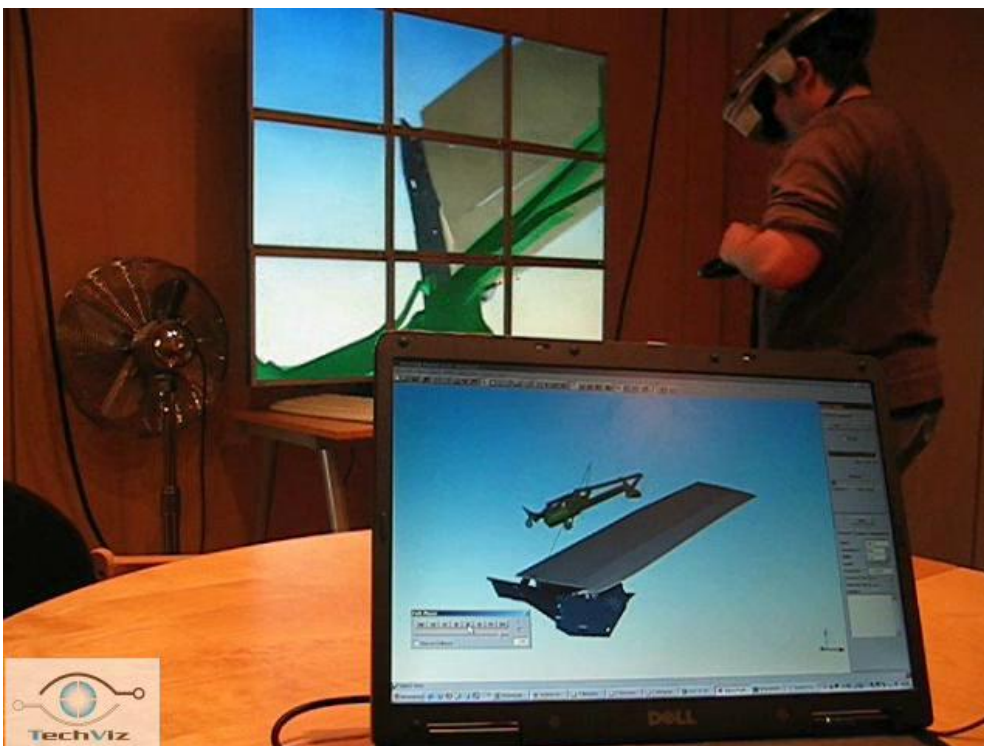
«I create the path in real time; UserAidedFitting™ removes the collisions from the path for me ! »



The user drags the part with its 3D mouse; in real time UserAidedFitting™ removes the collisions from the path

UserAidedFitting™ on desktop

Courtesy of Ford Motor Company / Kineo CAM



UserAidedFitting™ in VR immersive application

Courtesy of TechViz / Kineo CAM

UserAidedFitting™ is the applicative feature built with KWS-UAF™ Software Library

KWS-UAF™ Software Library is a commercial C++ library subject to licensing by Kineo CAM for commercial integration and sub-licensing