

HAPTION (1/2)

“Virtual Touch”



- **Motion Capture for Assembly Simulation (V6)**

Interact with the 3D Mock-up using 6 d-o-f force feed-back haptic devices

- Perform assembly/disassembly validation, maintenance studies, operator training, etc.

Prerequisites(*)	CNV MAE PCS
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- **Motion Capture for Human Tasks (V6)**

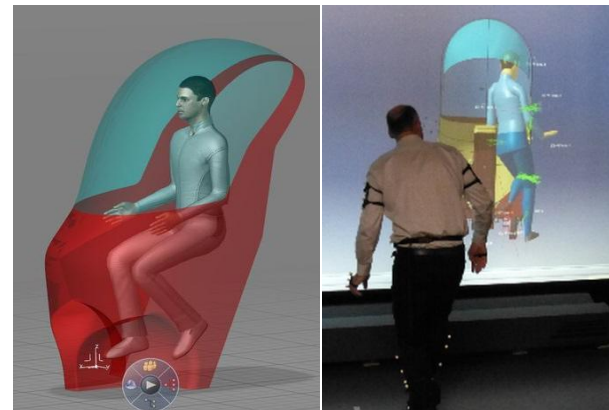
Create and animate human models in real-time using motion tracking systems

- Simplify validation studies such as reachability, visibility, accessibility, etc.

Prerequisites(*)	CNV EWK PCS
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(*) Information subject to changes. Please validate with your partner manager via mkt.partners@3ds.com

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Courtesy of Zurich University of Applied Sciences

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HAPTION (2/2)

“Virtual Touch”



P2 Platform DM2 Or DM2



P3 Platform DM3 or DM2



* only if DM2

IFC Core



DELMIA AP2



Interactive Fitting for CATIA V5 (IFC Core)

For assembly process validation, disassembly testing, ergonomics study, operator training

- Real-time motion using 6 degrees-of-freedom interaction devices
- Real-time collision detection & contact simulation

IFC Human (add-on to IFC Core)

Interactive simulation using one or several virtual operators (manikins)

- Full-body animation using motion tracking
- Automatic control of hand grasping and weight balancing

Real-Time Interaction for DELMIA Human (RTI)

Realistic animations of manikins in real-time

- Use of motion tracking in the design office or on the shop-floor
- One-click recording of postures into Human Tasks



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