RAMSIS

Is the world's leading ergonomic CAD tool for ensuring

» more comfortable performance of maintenance and repair work
» more driver comfort and safety
» better operability of vehicle and aircraft elements

■ RAMSIS in CATIA V5

RAMSIS, the global leader in ergonomics CAD tools is now also available as a module that is fully integrated with CATIA V5. RAMSIS is the most comprehensive digital manikin for occupant simulation and the ergonomic design of vehicle interiors.

As a CATIA V5 module, RAMSIS is seamlessly integrated with the CAD environment of CATIA V5. The user has direct access to all RAMSIS functions within his accustomed work environment. Time-consuming import or export of geometries no longer exists - and the user doesn't have to learn the ins and outs of a new CAD program in order to perform efficient ergonomic analyses.

■ Functions

» Fast creation of realistic human figures (manikins), based on international databases of Germany, France, USA, Canada, Mexico, South America, Japan, Korea and China
» High quality manikin display
» Automatic calculation of realistic driver postures in CATIA models, based on extensive research on real drivers
» Special posture prediction models for cars, trucks, formula 1 cars, airplanes and more
» Integration of SAE standards
» Automatic calculation of reach envelopes
» Direct vision analysis, mirror vision analysis
» Analysis of postural comfort (for passenger cars)
» Calculation of posture dependent maximum operating forces
» Calculation of seat belt routings
» Compatibility with 3D body laser scanners, for creation of RAMSIS manikins that resemble real individuals

■ Versions

RAMSIS in CATIA V5 is available for the UNIX platforms IBM, SUN and HP and for Windows.

■ Change from CATIA V4 to CATIA V5

To facilitate your transition from CATIA V4 to CATIA V5, it is possible to purchase RAMSIS in CATIA V5 now and use both versions in parallel for the next 18 months at no extra costs. You will receive full support for both RAMSIS in CATIA V4 and RAMSIS in CATIA V5 during this time.

■ Testing

You may request a 4 weeks test license free of charge.
For more thorough testing, Human Solutions offers the RAMSIS in CATIA V5 Evaluation Package:
This package contains three RAMSIS in CATIA licenses with unlimited technical support for a period of three months and a complete training session.
50% of the costs for the evaluation package will be subtracted from the license fee, should you decide to purchase RAMSIS in CATIA V5 afterwards.

What distinguishes RAMSIS ...

■ Most comprehensive global anthropometry database
■ Simulation of operator postures and motion based on state-of-the-art research
■ Integration of standards
■ Highly accurate and realistic appearance
■ Easy and seamless integration in your CAD processes

Please find more information on **www.human-solutions.de** or **contact us** for a personal meeting at +49 (631) 303-5600.