**CADRA for Space Claim**

Bi-directional data exchange to and from Space Claim

### FEATURES

**CADRA Drafting Engine**
- 2-1/2D view-based drafting
- Full 3D wireframe support

**Benefits for Space Claim users**
- Detail solid models quickly
- Import more data, more easily

**Benefits for CADRA users**
- Add 3D solid modeling to 2-1/2D
- Photo-realistic visualization of design intent

**CADRA Productivity**
- QuickDim intelligent dimensioning
- QuickPick rapid selection and insertion of parts, layers, & overlays
- QuickHatch for crosshatching
- QuickTrim for trimming & cornering
- FlexDesign adds dimension-driven variation and design capabilities
- Planar, step and complex sectioning with cross-hatch control
- Preview of geometry to be created
- In-place figure editing
- In-drawing foreign language text
- Plot preview, Plots PDFs
- Bi-directional HPGL format
- Microsoft Office integration (OLE)

**In Drawing Documentation Tools**
- Macro programming language
- Visual Basic Object model interface
- CADRALib commonly used parts
- CADRABOM bill of materials automation
- CADRAEDM data management facility
- Read and/or write to CADAM, CADDS, DWG, DXF, IGES, PDF, HPGL, MICROCADAM, CATIA, and CCD

**Space Claim users see high Productivity Gains**

Importing Space Claim models provides Designers, drafters, and engineers the advantage of a variety of “one-touch” Quick* tools in CADRA that allow them to accomplish in a single step what in most other CAD tools takes multiple steps.

**Why Choose CADRA for Space Claim?**

- Improve Design and Documentation quality
- Avoid costly mistakes by bringing in your data directly from Space Claim or directly to Space Claim from your CADRA 2.5 D files
- No need redraw all your CADRA drawings into Space Claim simply generate a Space Claim sketch from your existing CADRA drawings
- Bi-Directional between CADRA and Space Claim makes drawing and editing parts and assemblies very easy

Import 3D Solid models for highly accurate drawings and documentation.
Export concept designs for photorealistic 3D visualization

2-1/2D drafting with full 3D wireframe that is simple, accurate, well-connected, robust, cost-effective.

CADRA for Space Claim tightly couples CADRA Design Drafting with the Space Claim solid modeler. This combination gives you extraordinary productive and cost effective concept design exploration to required detailed engineering drawings. It also provides 2-1/2D drafters better visualization of the design intent and assembly.

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**Mechanical Design**

**DATASHEET**

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CADRA runs on 64 bit versions of Windows 8.1 and 10 Professional and Enterprise. As well as Windows servers versions 2012 R2, 2016 and 2019. Microsoft Word documents, Excel spreadsheets, PowerPoint presentations and pictures can be embedded in CADRA drawings. Legacy data or data from other CAD programs can be imported as well using OLE (Object Linking and Embedding).

**Global Solution**
CADRA is available in multiple languages including English, French, German, Italian and Japanese. Reduction in the learning curve and data migration times are obtained through training, database conversions, programming tools, viewers, and direct interfaces with other CAD tools, as well as quick links to 3D visualization.