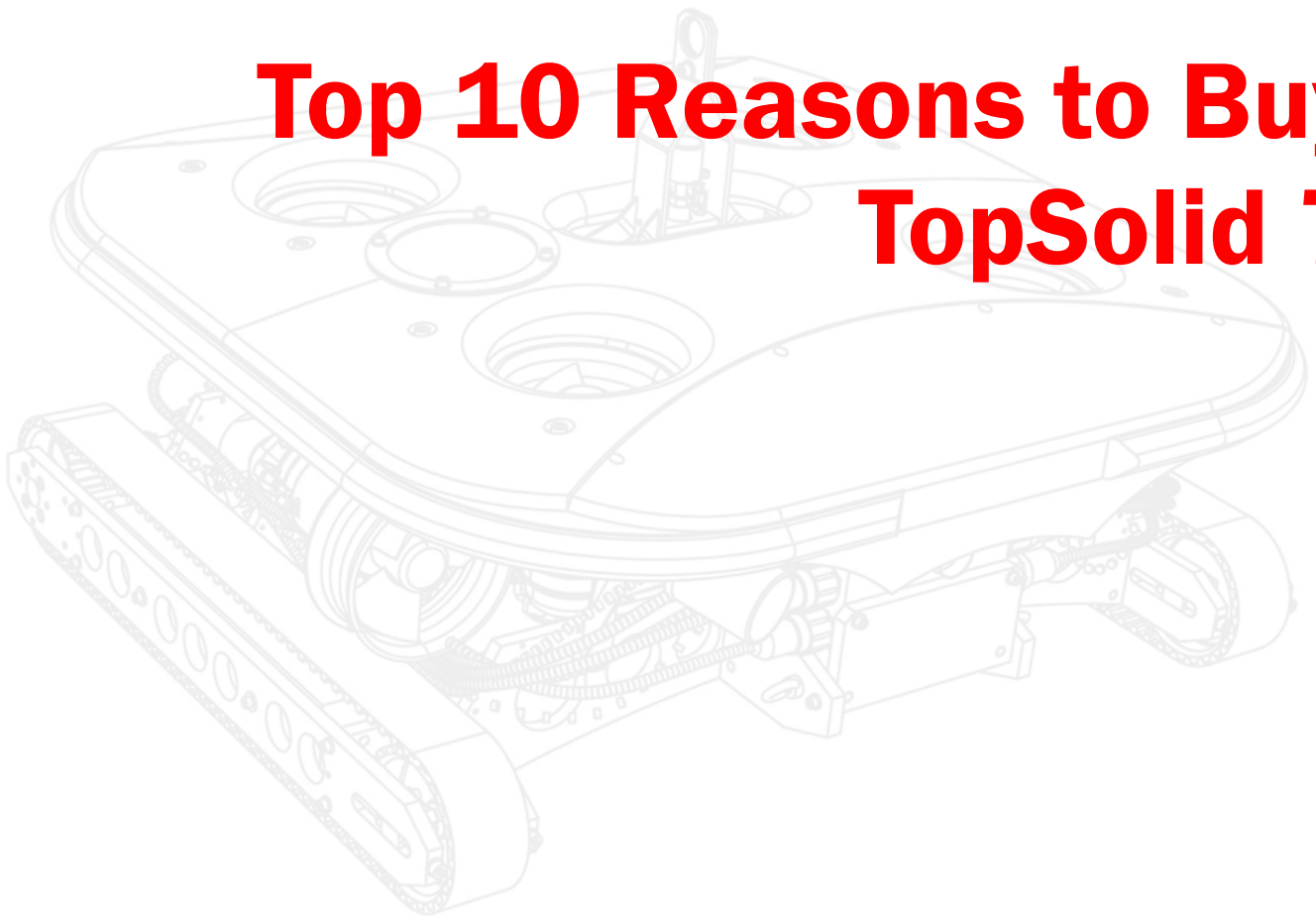
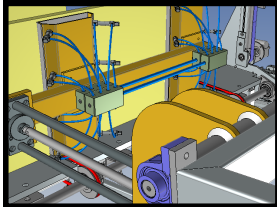


Top 10 Reasons to Buy TopSolid 7



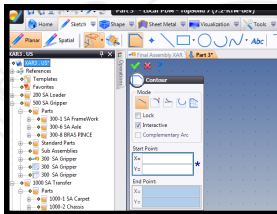
TopSolid 7, The Integrated CAD/CAM/ERP Solution, offers many exciting new capabilities for all your product design, analysis, and manufacturing needs. The following list highlights the Top 10 Reasons to choose TopSolid 7.



Improved Performances

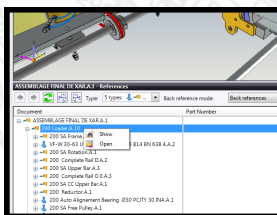
Up to 30% Gain compared to other « old-technology » CAD Softwares

- Loading « On-Demand » of parts / assemblies
- Large assemblies management
- High-speed 2D projection



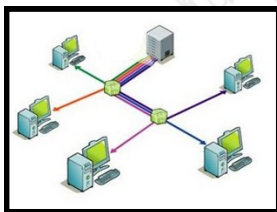
Intuitive User Interface

- Easy to use, easy to learn (reduce by 50% the learning curve)
- Drag & Drop, Copy/Paste, Undo/Redo history
- Dialog on document
- Create construction entities « on the fly »



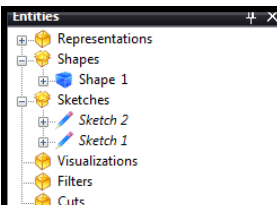
Built-In PDM

- Integrated in the interface, not an additional product !
- Quickly search for product information managed by TopSolid
- Manage versions with ease
- Perform all data management activities directly within (rename, ...)
- Vault and Manage non-TopSolid files as well



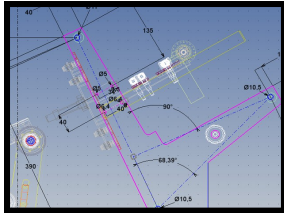
Concurrent Engineering

- Work with all your collaborators on the same database
- Define « Users Rights » & « Authorizations »
- Anyone, Anywhere (local or distant), All connected
- Communicate using PDM Messenger



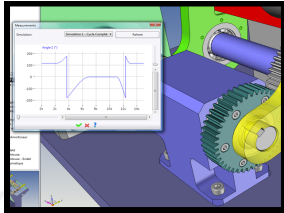
« Pack-In-Tree » System

- Organize Entities in a tree for you ! (sketches, operations, ...)
- « Standardize » your design
 - Easier to understand design of your collaborators
 - Quicker to analyse and modify history of an existing part
- Intuitive interactions with the graphical area (drag & drop, ...)



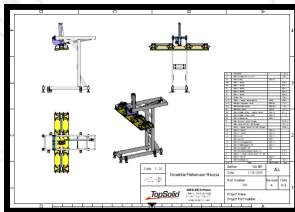
Mixed Assembly Design

- Top-Down & Bottom-Up design, chronologically based
- Unique and high-performance « In-Place Design »
 - Synchronize parts in their assembly context
- Use representation (Detailed, Simplified) to optimize performances



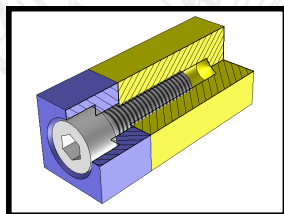
A Mechanism is a Mechanism...

- No restrictions on the selected assembly method (In-Place, ...)
- Define kinematics joints, and animate ! (Pivot, Gears, Rack, ...)
- Calculate loads on joints
- Define dynamics conditions (gravity, external loads, ...)
- Visualize results with an embedded graph



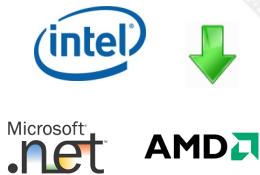
Perfect Tool for the Mechanical Industry

- Mechanical features (holes, tapped holes, counterbores, ...)
- Sheetmetal features (flange, bends, forming components)
- Welded frames features (profiles, cuts, weldings, ...)
- Fast, normalized and high-performance 2D drawing features
- « FreeShape » features (pull faces, resize faces, ...)



Store and Use your Company Know-How

- Component/Wizard/Process, a perfect trilogy
- Manage families and versions with ease
- Articulated components, at any level of the assembly
- Redefine intelligence on imported components (TraceParts, Cadenas)



Completely Re-Written, Open Platform

- Using latest development technologies (C#, .net)
- Handle latest hardware technologies (Multi-Core, Render Engine, ...)
- Live and incremental updates (Connect & Update !)
- High performance realistic rendering engine (RedWay 3D)
- Exchange data with most CAD Softwares on the market
 - Parasolid, AutoCAD (*.dwg, *.dxf) ACIS, IGES, Step
 - Catia v4, v5, Pro/E, UG, SW, SE, Inventor

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