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, *.dx) ACIS, IGES, Step
  - Catia v4, v5, Pro/E, UG, SW, SE, Inventor

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