

Mathcad 2001 Professional and Mathcad 2001 Premium – Get the edition that's right for you.

Mathcad 2001 gives you an unmatched level of functionality and full array of powerful features for accurately solving and analyzing a broad array of technical problems, from simple to the complex. Mathcad comes in two editions, Professional and Premium, so you can select the one that's right for you and your organization.



Professional vs. Premium: Which edition is right for you?

The Industry-Standard Solution for Applying Mathematics

Mathcad 2001 Professional is the foundation of the Mathcad family. Quick, powerful and easy to use, Mathcad Professional provides advanced math functionality to help you complete all your technical projects. Mathcad 2001 Professional gives you:

- The ability to integrate and link Mathcad with the applications and systems you use everyday for seamless workflow and greater flexibility.
- A new Authoring Mode that empowers you with the tools to build your own electronic books so you can compile and electronically present coherent presentations of your Mathcad worksheets - complete with a table of contents, links and an index.
- Easily read and edit in HTML and MathML with IBM's techexplorer™ Professional Edition.
- A Software Development Kit (SDK) that lets you incorporate Mathcad worksheets into other applications and vice versa.
- A simulation package gives users the power to model, simulate and embed control, communication and signal processing systems, seamlessly within Mathcad using the new VisSim LE.

With these powerful features Mathcad Professional delivers the performance you need.

The Ultimate Solution for Engineering and Design Projects

Mathcad 2001 Premium is the ultimate technical design and advanced calculation solution. Incorporating the advanced capabilities of Mathcad 2001 Professional, it delivers even more built-in tools and capabilities to maximize your technical desktop. If you are looking for the best calculation software, bar none, Mathcad 2001 Premium is the right choice. In addition to everything you get with Mathcad Professional, Mathcad Premium offers Axum 6 to integrate publication-quality graphs, a full-featured version of SmartSketch, and the Solving & Optimization Extension Pack.

Mathcad 2001 Premium

One and a half million engineers, scientists, academics, and students throughout the world use Mathcad to perform, document, and share technical calculation and design work. And Mathcad's unique ability to integrate standard mathematical notation, text, and graphs visually with unmatched accuracy and speed makes Mathcad the perfect environment for exploring and resolving even the most complex technical challenges. No other solution comes even close to the power of Mathcad.

Only Mathcad uses a live document interface that provides automatic, self-documenting, immediate solutions. The patented, easy-to-use equation entry and editing technology with real math notation makes Mathcad the most logical, and affordable, solution to help you meet your technical goals.

The Premium edition streamlines your work by letting you take your projects through the complete technical design process - from mathematical design specification, to complete graphical analysis, to full 2D design capture. Mathcad 2001 Premium delivers the most robust set of features available, making it ideal for handling all your technical design project needs as well as providing outstanding solving and calculation capabilities.

With Mathcad 2001 Premium you get **the complete Mathcad 2001 Professional package** plus these full-featured packages that integrate with Mathcad creating the ultimate solution for engineering and design projects:

- **Axum 6** - a complete 2D and 3D technical graphing package that gives you unmatched precision control over every detail of your graphs.
- **SmartSketch 3.10** - the full, latest version of Intergraph's superb 2D CAD program, with advanced parametric drawing with dimensions driven from Mathcad calculations and specifications.
- **VisSim LE** - a powerful, Mathcad-compatible modelling and simulation package based on the renowned VisSim simulation engine from Visual Solutions.
- **Mathcad Solving & Optimization Extension Pack** - adds optimisation routines, quadratic programming and many more functions to greatly increase Mathcad's problem-solving capacity.

Join over 1.5 million engineers, scientists and technical professionals who use Mathcad to analyse, document, and communicate all their technical work. When it comes to taking projects from start to finish, there's simply no better tool than Mathcad 2001 Premium.

More Details on:

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| System Requirements | PC with Pentium 133 MHz or higher Windows 95,98, 2000 and Windows NT 4.0 or higher 32 MB RAM minimum; 48 MB RAM or higher recommended SVGA or higher graphics card and monitor At least 226 MB disk space |
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Unmatched calculation presentation, power, and speed

Mathcad lets you reach solutions with exceptional speed and accuracy. And IntelliMath™ technology helps increase your productivity with ease-of-use and automation features.

Professional Documentation

It's easy to integrate text, equations and graphics. Create accurate technical documents and electronic books that adhere to business standards like ISO 9000.

Seamless interoperability

Mathcad works seamlessly with all your favourite Microsoft® Office and OLE applications and you can retrieve information from any SQL database via ODBC. Support for Microsoft's Visio® and Excel, MATLAB®, and AutoCAD® lets you integrate Mathcad with these and other commonly used programs. Send and receive data in real time from National Instruments analog I/O boards.

Web Integration and Publishing

Because Mathcad includes the latest version of IBM techexplorer™ Professional Edition, you can easily read and edit MathML allowing you to publish in HTML and MathML on the Internet with ease.

Robust Modeling and Simulation

Fueled by VisSim, you now have a simple and seamless method for performing dynamic system simulations. Link or embed simulations within Mathcad and use Mathcad computations to define a process within VisSim models.

Development Tools

New application development tools let you quickly prototype and refine new components from OLE and COM objects. Develop custom components to integrate ActiveX objects, documents, processes, or applications into the computational flow of Mathcad.

Superior Visualization

State-of-the-art 2D and 3D graphing gives you better insight into your work. Get precise control over your graphs for spectacular results.

Intelligent 2D Parametric Tools

Parametric tools courtesy of SmartSketch enable easy creation of 2D CAD designs. Embed Mathcad worksheets with sketches, diagrams and drawings, and drive CAD designs with Mathcad calculations. Includes over 7500 symbols for AEC, mapping, mechanical, civil, electrical and process engineering.

This newest edition of Mathcad 2001 delivers more power and robust features than any version to date. You get:

- The ability to integrate and link Mathcad with many of the applications and systems you use everyday for seamless workflow and greater flexibility on your desktop.
- An Authoring Mode empowers you with the tools to build your own electronic books, enabling you to compile and electronically present coherent presentations of your Mathcad worksheets - complete with a table of contents, links and an index.
- Easily read TeX and LaTeX with IBM's techexplorer™ Professional Edition.
- A Software Development Kit (SDK) that allows you to incorporate Mathcad worksheets into other applications and vice versa.
- A simulation package gives users the power to model, simulate and embed control, communication and signal processing systems, seamlessly within Mathcad using the new VisSim LE.

Join over 1.5 million engineers, scientists and technical professionals who use Mathcad to analyse, document, and communicate all their technical work. When it comes to taking projects from start to finish, there's simply no better tool than Mathcad 2001.

With Mathcad 2001 Professional you get these essential tools:

- Mathcad 2001 Professional

- IBM techexplorer™ Hypermedia Browser Professional Edition - read technical formulae written in TeX, LaTeX and MathML.
- Smartsketch LE - incorporate parametric drawings in your Mathcad worksheets
- VoloView - view AutoCAD files in your Mathcad documents
- VisSim LE (available for download from www.mathcad.com) - use Mathcad to simulate systems
- Axum LE (available for download from www.mathcad.com) - produce professional 2D plots (x-y, scatter, bar, pie etc)
- Microsoft Internet Explorer 5.5
- Maintenance - including free version updates

More Details on:

System Requirements PC with Pentium - 133 or higher
 Windows 95, 98, 2000 or NT 4.0 or higher
 32 MB RAM minimum; 48 MB or higher recommended
 SVGA or higher graphics card and monitor
 At least 80 MB disk space

Mathcad 2001

Better, Faster, More Powerful

Upgrade to Mathcad 2001 today

The Mathcad 2001 upgrade is here and with it comes a full array of new features and enhancements that make it the most powerful and the most value-packed upgrade ever.

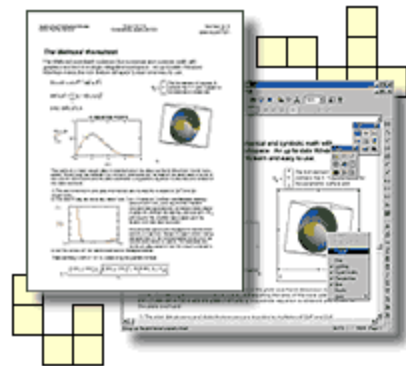
You get the speed, accuracy and ease-of-use that you have come to expect from Mathcad with improved functionality, greater interactivity and extensive easy-to-use publishing capabilities. You'll see and feel the difference the first time you sit down to use Mathcad 2001.

Plain and simple - Mathcad 2001 is the most powerful tool for applying mathematics available today - giving you unmatched power and speed and ease of use.

Check out these **new features** and improvements and find out exactly why Mathcad 2001 is our most complete upgrade ever.

The Industry-Standard Solution for Applying Mathematics

Mathcad 2001 Professional



Better, Faster, More Powerful: Mathcad 2001 is the most powerful tool for applying mathematics available

Mathcad 2001 Professional is the foundation of the Mathcad family. Quick, powerful and easy-to-use, Mathcad 2001 provides advanced math functionality to help you perform complex calculations.

The Ultimate Solution for Engineering and Design Projects

Mathcad 2001 Premium

Mathcad 2001 Premium is the ultimate technical design and advanced calculation solution. Incorporating the advanced capabilities of Mathcad 2001 Professional, it delivers even more built-in tools and capabilities to maximize your technical desktop.

The logo for Mathcad Premium 2001. The word "Mathcad" is in a large, bold, black sans-serif font. Below it, the word "PREMIUM" is in a smaller, red, all-caps sans-serif font. To the right of "PREMIUM", the year "2001" is written in a yellow, stylized font.

UPGRADE NOW!
Premium