

Why Use Maple Flow™ Instead of Mathcad® in Your Enterprise

Royalty-free desktop deployment *

Easy to use Excel interface

Fully auditable calculation document

Code generation

```

cg0 = Cp * T_test_stag * (Math.
Pow(0.1e1 / PR_stag_start, (System.
Double) ((k - 1) / k)) - 0.1e1)
    
```

Deploy to web/intranet*

Prompt an AI to look up formulas

"Resistance of 5 resistors connected in parallel"

$$\frac{1}{R_{total}} = \frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3} + \frac{1}{R_4} + \frac{1}{R_5}$$

* Available with the release of Maple Flow 2025.2 (ETA end of 2025)



Why Work With Maplesoft™

Maplesoft has a 40-year pedigree of empowering our users with the best-in-class tools for engineering mathematics.

With innovations such as AI-powered search for engineering formulas and code generation from your analysis, we are resolutely invested in the future of engineering calculations.

By working with us, you can influence what we do - we listen and are driven by what YOU want.

Unique Features offered ONLY by Maple Flow

Maple Flow 2025 and Mathcad Prime 11 both have their own unique design principles and features. Here we highlight features in Maple Flow that are **not provided by other comparable tools**.

Connectivity

Run a Flow worksheet from Excel	Provide a simpler spreadsheet interface for users not familiar with Flow
Run a Flow worksheet from another Flow worksheet	Easily modularize your analysis and troubleshoot larger analysis projects. Treat a Flow worksheet as a “function” by sending in desired parameters to change and outputting desired results
Open API	Connect Maple Flow to different tools in your tool chain to automate data flow

Productivity

Variables palette	Track what variables you've defined at any point in the worksheet
Command completion	Enter commands quickly by typing the first few letters
AI Formula Assistant	Search for engineering formulas using natural language
Reorder worksheet tabs by dragging into position. Move worksheet tabs into new windows by dragging out. Close tabs by middle-clicking	Easily manage sessions where you open multiple worksheets, especially if you need to copy/paste between different worksheets
Drag images into worksheet (as well as importing via menus)	Quickly insert images with simple mouse operations
Change units with mouse operations	Rescale your results with the mouse (as well as the keyboard) with unit suggestions
Move math and text into position with the keyboard	Use the keyboard (as well as the mouse) to move your work into position without taking your hands off the keyboard

Document formatting

Table of Contents with page numbering and hyperlinks	Quickly navigate a larger worksheet
PDF conversion maintains hyperlinks	Ensure your PDF conversions can be navigated quickly by a reader
Hide parts of math for simpler looking worksheets	Reduce the complexity of your analysis and give your worksheets a simpler look
Section border formatting	Customize your section borders to give a more pleasing look
Drawing tool to create illustrations and draw on imported images	Illustrate your worksheet with explanatory diagrams
Full range of page sizes	Create worksheets to all internationally accepted page formats

Breadth of the math engine

More math functions	Extensive range of solvers and tools for symbolic and numeric math for your advanced analysis
Hybrid symbolic-numeric math engine	You can use variables without having first given them a numeric value, giving more analysis flexibility
Dedicated engineering tools for frequency analysis, thermophysical data, signal processing and more	Pre-built functions means you tackle more extensive analysis
Many more plots and visualizations	Create and customize visualizations that look the way you want
Many import/export filers for different file formats. Custom import/export file filters	Import data quickly from many different tools, and create customized import/export filters
Format complex numbers as phasors for input and output, and attach units to the magnitude and phase angle	Implement complex numbers as represented in different disciplines, such power systems engineering

Resources

In-product worksheets and examples	Inspire your work and learn how features are used in different contexts
Built-in tutorials	Learn how Flow works from within the tool
Maple Flow Application Center with hundreds more examples	Online resource with free worksheets to see how Flow is used by different groups

Licensing and support

Perpetual or subscription licensing	Flexible licensing works with your budget cycles and needs
Enterprise (self-governed) licensing	Larger organizations can manage their own licensing so that you do not need to contact the vendor for activations
Responsive support and online training led by experts	Your productivity is amplified so that you complete projects, quickly
Distributed support network across the world (Canada, USA, UK, Europe, China, Japan) run by Maplesoft	Distributed teams can work effectively across all time zones

Deployment

Royalty-free desktop deployment (not available yet, due Maple Flow 2025.2)	Make your work available to a broader audience at no cost
Deploy to the web/intranet (not available yet, due Maple Flow 2025.2)	Deploy Maple Flow apps to a distributed audience. Control access with your company's IT policies
Generate code from equations (C, Java, Python, FORTRAN and more)	Integrate your analyses into a broader code base



Maple Flow™

www.maplesoft.com/mapleflow



www.maplesoft.com | info@maplesoft.com

© Maplesoft, a division of Waterloo Maple Inc., 2025. Maplesoft, Maple, and Maple Flow are trademarks of Waterloo Maple Inc. All other trademarks are the property of their respective owners.