

PTC Mathcad Gateway

Providing universal and secure access to all your engineering calculations

Your engineering calculations are valuable. They have been tested, they have been refined, but standardizing the use of them can be challenging. How do you put them in the hands of everyone who needs them? And how do you give them access without exposing your intellectual property?

PTC Mathcad Gateway is a calculation server that provides access to your certified engineering calculations for any user, anytime, on any device. Users simply log in over the web to obtain quick calculation results for their specific scenarios without exposing your valuable Intellectual Property (IP).



Key Benefits

IP Protect

- Prevent unauthorized access or distribution
- Store worksheets on your server
- Govern calculation transparency
 - Manage which portions of the PTC Mathcad worksheet should be visible or invisible to the end user

Universal Access

- Accessible through any device with an internet browser
- Permit anyone, anywhere to access your calculations
- No license required for users to access calculations through PTC Mathcad Gateway

Certified Calculation Hub

- Standardize approved engineering calculations across and beyond your organization
- Single point of entry to all calculation best practices

Timely & Trusted Results

- Ensure up-to-date calculations are being used
- Eliminate time and effort spent digging up old calculations
- Your users receive quick results for their specific scenario without depending on and/or waiting for other individuals

Easy Deployment

- Utilizes standard web technology
- No special hardware/software is required
- Fits within your existing infrastructure

Capabilities and specifications

PTC Mathcad Gateway combines the power of PTC Mathcad with the accessibility and security of the internet. PTC Mathcad Gateway's browser accessible Certified Calculation Hub gives you the ability to empower users, within your ecosystem, with universal access to your securely hosted engineering calculations.

Calculation

- Numeric evaluation
- Scalar values and matrices
- Input controls

Unit management system

- Comprehensive unit support for calculations
- Control input value units
- Dictate output value units

Plotting & Graphing

- XY plots, scatter, line, area, bar & waterfall
- Polar plots
- Pie charts
- Contour plots
- Surface plots
- Axis labels
- Chart titles

Integration and Interoperability

- PTC Mathcad Prime 3.1 or later worksheets

Resources, help & support

- PTC Global Support program
- PTC online community
- Pre-built web form templates

Language support

- English, French, German, Japanese, Italian, Spanish, Korean and Chinese (Simplified and Traditional)

System Requirements

- Windows 7 (32-bit or 64-bit), or Windows 8.1 (32-bit or 64-bit) compatible machine
- 2 GB of hard disk space
- 8 GB of RAM minimum
- Microsoft .NET Framework 4.5.1
- Internet connection is required for users to access Mathcad Gateway

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