

# Mathcad Enterprise Framework Benefits At A Glance

## *Corporate management:*

- **Streamlines business processes:** standardizes engineers' procedures on one platform and establishes enterprise-wide productivity; may also ignite other organization-wide initiatives to improve current or weak processes.
- **Speeds up time-to-market cycles:** brings all in-house and external resources up to speed faster with minimal learning curve.
- **Offers low cost of ownership/maintenance:** connects to vast array of data sources — not discarding what you have now — because of Mathsoft's flexible API connectors, allowing engineers to quickly get started.
- **Protects vital intellectual capital:** documents all the critical input of engineers.

## *Engineering management:*

- **Reduces errors:** handles the unit conversion process automatically.
- **Offers verification and validation:** uses mathematical notation, the language of engineers, to ensure proper identity.
- **Standardizes templates, worksheets and processes:** includes many industry formulas and offers organization-wide consistency because of the same style of worksheets.
- **Features reusable worksheets:** allows easier collaboration because the same consistent documents are being used.
- **Supports ability to document:** enables several output results and visually documents the calculations in 2-D and 3-D images.
- **Emphasizes no additional overhead costs:** omits any specialized programming ability or hardware.

## *Engineers:*

- **Offers flexible environment:** increases collaboration and productivity by allowing engineers "any time, any where" access via the Web.
- **Provides low/no learning curve:** offers a visual "whiteboard" interface that can be leveraged via the Web; no proprietary programming or knowledge of HTML or other Web languages are involved.
- **Leverages engineers' existing knowledge:** uses a language they already know: applied mathematics with standard formulas and equations.
- **Includes job- and industry-specific offerings:** targets the three major types of engineers (civil, electrical and mechanical) and their specialized industry areas to help them analyze with more accuracy and get up and running faster on projects.

## *IT:*

- **Uses open standards:** connects to many third-party software products, both engineering and business based, and all of Mathsoft's products are fully interoperable.
- **Integrates with existing IT infrastructures:** runs on Microsoft operating systems and servers; no additional knowledge transfer or software/hardware costs are required.