

## Trimble Unveils 2026 Tekla Software: Accelerating BIM, Engineering and Construction Productivity Through Streamlined Workflows and AI

*From office to site, Tekla is redefining how structures are designed, fabricated and built, combining automation and seamless collaboration into a connected construction workflow*

**WESTMINSTER, Colo., March 11, 2026** — Trimble today introduced the 2026 version of its **Tekla**® software for constructible Building Information Modeling (BIM), structural engineering and steel fabrication management, delivering data-driven workflows that connect design and construction. This release accelerates the entire design-to-detailing process by reducing manual effort and rework, enabling a wider scope of complex tasks without the friction and data-loss risks of switching between disparate applications.

The 2026 portfolio — including Tekla Structures, Tekla Structural Designer, Tekla Tedds, and Tekla PowerFab® software — promotes project-wide consistency through a seamless flow of data that eliminates “black boxes” between stakeholders. Whether it’s viewing live project statuses directly within a 3D model, synchronizing project data through connected workflows, or linking drawings, models and field information across office, shop and site, Tekla delivers a single source of truth that updates in real-time.

Access to Trimble® Assistant is embedded across the Tekla portfolio. It specializes in assisting new and existing users to take full advantage of features and troubleshoot issues without leaving the software interface. Additionally, the new AI Model and Drawing Assistant in Tekla Structures is an early preview feature (distributed through Trimble Labs) for modeling operations using natural language. This context-specific productivity tool helps users execute tasks through simple natural language prompts.

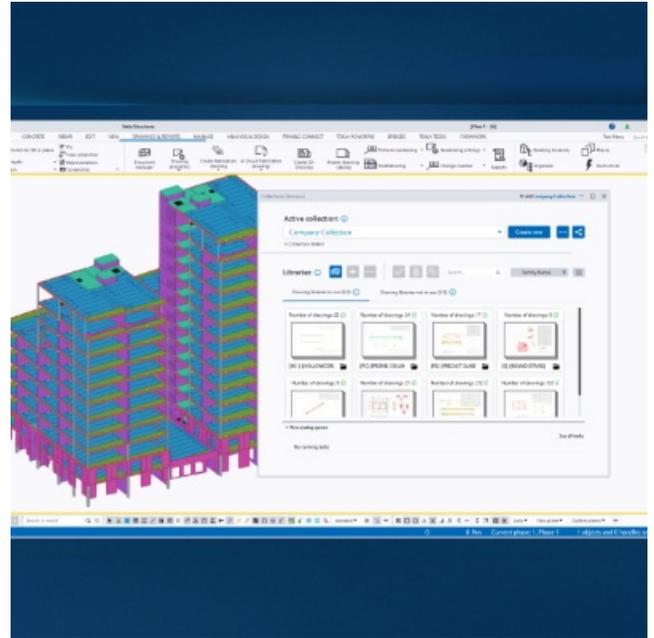
The shared foundation of AI, automated workflows and real-time connected insights delivers accuracy in every phase of the design-to-construction lifecycle through several new feature enhancements.

### Tekla Structures 2026: Connected Data Workflow Productivity

- **AI Cloud Fabrication Drawings:** A “human in the loop” AI service that uses user-defined drawing libraries from past projects to automatically generate fabrication drawings. It provides top suggestions that users can verify, significantly reducing setup and cleanup time.
- **Project Settings Management Console:** First-ever user interface for administrators to manage customized environments and project settings from the cloud. It simplifies the installation process and ensures all users have consistent up-to-date settings throughout a project, promoting smoother collaboration.
- **Integrated workflows with Trimble Connect® common data environment:** Property sets, drawings metadata and status sharing across the Trimble ecosystem expand integration capabilities. Teams can manage live project data across systems and access a single source of truth directly from their working interface, helping accelerate decisions and reduce rework.
- **Simultaneous Model & Drawing Editing with Design Reuse:** Enables detailers to work on General Arrangement drawings and the 3D model side by side, with changes reflected instantly. This, combined with the ability to reuse previous projects, can speed up design creation and reduce manual rework.
- **Layout Manager "Out of Tolerance" Workflow:** Automatically flags discrepancies between the design model and as-built data (e.g., misaligned anchor bolts), allowing for corrections before steel parts arrive on site.

### Tekla Structural Designer 2026: Consolidating Design Tasks

- **Accurate Center of Rigidity (COR):** A new, highly precise calculation for seismic design that replaces older



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approximations, allowing engineers to design structures with greater confidence and safety in mind.

- **Integrated Portal Frame Design (Eurocode):** A new integrated portal frame design for industrial low-rise buildings and improved masonry design solutions for North American users.
- **Interoperability:** Enhanced interoperability with Revit and SketchUp allows for tighter collaboration with architects. In addition, Tekla Structures models can now be published to the cloud and pulled into Tekla Structural Designer for verification.

### **Tekla Tedds 2026: Automating Calculations**

- **New & Expanded Calculations:** For the US market, a new Steel Beam Torsion (AISC360) calculation allows engineers to design for torsional forces without manual work. For Eurocode users, a new Wind Assessment calculation automates complex wind pressure analysis for any building site.
- **One-Click Access to Tekla Structural Designer LT:** Every Tekla Tedds subscription now includes one-click access to a starter version of Tekla Structural Designer, allowing users to perform 3D analysis tasks (like floor vibration or composite beam design) without leaving their ecosystem.

### **Tekla PowerFab 2026: Validating Shop Floor Quality**

- **Pre-Shipment Validation:** A new route validation feature prevents items from being shipped unless all manufacturing steps are complete.
- **Shop Floor Focus:** New features in PowerFab Go ensure workers only see tasks relevant to their specific station, reducing distractions and errors.
- **Sustainability:** Simplified LEED reporting allows fabricators to track material origin and recycled content with a single flag, automating what used to be a manual documentation process.

“The Tekla 2026 software suite represents a significant leap in how AI and cloud-enabled tools can enhance productivity while maintaining the high levels of accuracy our customers require,” said Jari Heino, VP & GM, BIM and engineering solutions at Trimble. “By syncing the model and the drawing, and providing real-time data exchange, Tekla solutions bring connected insights to every phase of the design-to-construction lifecycle.”

### **Availability**

The Tekla 2026 software suite will be available at [download.trimble.com](https://download.trimble.com) from March 11, 2026. For more information, visit: [www.tekla.com/2026](https://www.tekla.com/2026).

Images are available for download at: <https://resources.trimble.com/web/6ed0d0a7d91d10bf/trimble-tekla-2026-media-kit/>

### **About Trimble**

Trimble is a global technology company that connects the physical and digital worlds, transforming the ways work gets done. With relentless innovation in precise positioning, modeling and data analytics, Trimble enables essential industries including construction, geospatial and transportation. Whether it's helping customers build and maintain infrastructure, design and construct buildings, optimize global supply chains or map the world, Trimble is at the forefront, driving productivity and progress. For more information about Trimble visit: [www.trimble.com](https://www.trimble.com).

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