

Trimble Announces New Functionality and Integrations for Tekla PowerFab Structural Steel Fabrication Management Software

Improved production planning and forecasting, along with new integrations with Trimble ProjectSight and Viewpoint Vista enabling better project management and financial data flow

Trimble® today announced the availability of the 2025i version of [Tekla® PowerFab®](#), a comprehensive software suite for managing steel fabrication. The new version offers improved production planning and forecasting, as well as a new integration with Trimble ProjectSight® software to help optimize construction project management workflows. Tekla PowerFab now also offers an improved integration with Trimble Viewpoint® Vista™ construction financial management software for real-time and highly-accurate job cost tracking.

These updates support the Trimble Connect & Scale strategy by enabling an interconnected ecosystem of industry solutions.

Enhanced Production Planning, Scheduling and Forecasting

The new production planner functionality in the 2025i version of Tekla PowerFab builds on the improvements introduced in March of 2025 and incorporates additional features. Users can now plan fabrication with a higher degree of accuracy thanks to the new capability to split the execution of work packages across multiple weeks and locations. Additionally, longer-term forecasting is now possible with the addition of future work packages. This allows users to assign jobs to the most efficient resources, based on the ability to create detailed, yet flexible conditions for every machine and workshop.

Trimble ProjectSight Software Integration for Project Management

The new integration with Trimble ProjectSight can streamline project management for fabricators by unifying project environments and improving data flow. ProjectSight securely stores and manages construction project information (drawings, RFIs, submittals, documents and images) and connects teams to the information through a mobile app. Through the PowerFab integration, users can link fabrication job data, centralize the communication of RFIs and submittals, and enable the transfer of shop drawings.

Closer Integration with Viewpoint Vista Automates Data Flow

The extended integration with Viewpoint Vista automates the flow of crucial financial transactions, including purchase orders, receiving details and inventory movements, directly from Tekla PowerFab into the financial management software. This ensures that Viewpoint Vista provides real-time and accurate job cost details specifically for materials on active construction projects, streamlining accounting and financial tracking. The extended integration is available on [Trimble App Xchange](#), the platform enabling integrations between third-party technology and both Trimble and non-Trimble tools.

Trimble AI Assistant for Tekla

Trimble incorporated its AI-powered Trimble Assistant feature into the new version of Tekla PowerFab. Trimble Assistant provides users with instant, in-software contextual support based on curated Tekla User Assistance (TUA) articles. It also tailors responses to questions from users based on what they are currently working on in the software. Engagement with Trimble Assistant is available for users across PowerFab Office for contextual guidance and support.

“The latest enhancements to Tekla PowerFab are a great example of Trimble enabling our customers to share data and integrate workflows across construction projects and lifecycles,” said Ryan Vander Plaats, portfolio manager, fabrication at Trimble. “Enhanced planning and forecasting enables a smoother fabrication workflow. At the same time, stronger integrations with project and financial management applications can create more efficient financial settlement and give all stakeholders easier, real-time access to vital project information.”

Learn more in the What’s New in PowerFab 2025i webinar, available [here](#).

Availability

Tekla PowerFab 2025i will be available for users around the world at: download.tekla.com from September 17, 2025.



Images are available for download [here](#).

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.

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