SIEMENS

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Continuous access to new software: Siemens ends project upgrades in TIA Portal within the V21 line

- **TIA Portal version V21.1 available**
- **New modern software is delivered giving customers continuous access to the latest version by decoupling installation from licensing**
- **Expanded Simatic source documents simplify engineering and enable AI integration**
- **Multicore programming for S7-1500 controllers improves runtime performance**

Siemens introduces TIA Portal V21.1, a major update to its engineering software. Engineers no longer have to upgrade and revalidate their projects when a new TIA Portal release comes out. Now, installed software is separated from licensing: within the V21 line, users get continuous access to the latest version. For customers, this means less engineering effort, simplified lifecycle management, and an easier way to keep automation systems up to date. In addition, TIA Portal V21.1 increases efficiency through new functions, including expanded Simatic source documents and multicore programming for S7-1500 controllers.

"Engineering tools need to be easy to maintain if we want automation technology to scale," says Annemarie Große Frie, Head of Automation Systems at Siemens. "With TIA Portal V21.1, we're reducing repetitive upgrade work and making engineering more efficient, giving users more time to solve real automation challenges and innovate. At the same time, we're making TIA Portal increasingly AI-ready, laying the foundation for AI to become a natural part of engineering workflows."

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Structural shift in software delivery

The new version marks a structural shift in the delivery of the engineering software. With TIA Portal V21.1, Siemens separates installed software from licensing across every TIA Portal engineering product and option, including STEP 7, WinCC Unified and Sinamics Startdrive. Instead of buying versions, customers now buy features. This gives users continuous access to the latest software version within the V21 version line, including performance improvements and security updates, which are particularly important for cybersecurity.

TIA Portal V21.1 is a continuation of version 21 and introduces a new version-line concept. Previously, each new TIA Portal version required all installed engineering products and licenses to be updated simultaneously, and projects had to be upgraded and revalidated – a process that demanded significant effort and carried operational risks. The new approach drastically simplifies these steps, reducing the number of TIA Portal versions that need to be installed side-by-side and freeing engineers from managing multiple parallel installations.

New features for more efficient engineering

In addition, TIA Portal V21.1 delivers functional enhancements for day-to-day engineering. Extended Simatic Source Documents, which make engineering content available as text-based sources, now also cover hardware configuration. This simplifies integration with external tools such as Git and code generators as well as versioning. The text-based sources can also be processed by AI systems. This is another step toward making TIA Portal increasingly AI-ready: By making engineering information more accessible, structured and machine-readable, Siemens is creating the foundation for AI-supported engineering workflows and deeper integration of AI into automation engineering.

For high-end applications, a major new feature is multicore programming of S7-1500 controllers. This allows, for example, motion control and safety programs to run independently, improving determinism and runtime performance.

Enhanced Simatic Motion Interpreter capabilities simplify the integration and execution of generated motion programs, reducing engineering effort and accelerating commissioning.

Just like previous versions, the new version of TIA Portal is also connected to the AI-powered Eigen Engineering Agent. The agent was presented at Hannover Messe in

April 2026 and can plan and execute automation tasks independently. Siemens is continuously increasing the agent's capabilities.

TIA Portal V21.1 will be available for download at the end of November 2026 and for package delivery in December 2026.



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This press release and press pictures are available at https://press.siemens.com/global/en/pressrelease/continuous-access-new-software-siemens-ends-project-upgrades-tia-portal-within-v21

Further information on the TIA Portal: https://www.siemens.com/en-us/products/tia-portal/

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In fiscal 2026, the Siemens Group generated revenue of €83.4 billion and net income of €9.5 billion, with around 319,000 people employed worldwide as of September 30, 2026.

Siemens also holds a majority stake in the publicly listed medical technology company Siemens Healthineers. More information: www.siemens.com.