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Software-Defined Automation: Siemens announces major milestone for Simatic AX engineering

- **New: Simatic AX Motion Control Engineering enables IT-oriented configuration of technology objects with PLCopen support and Git integration**
- **Simatic AX Logic Control Engineering now generally available worldwide**
- **DevOps principles reduce complexity and accelerate development in automation engineering**
- **Addresses the growing number of IT-skilled engineers**

Siemens is expanding its Simatic AX engineering portfolio with the launch of Simatic AX Motion Control Engineering (MCE). Engineers can now manage automation projects that include Motion Control in one text-based environment. This reduces complexity, accelerates development and supports the growing number of automation engineers with an IT background. At the same time, Simatic AX Logic Control Engineering (LCE) is now generally available worldwide.

Both updates are major steps toward an increasingly Software-Defined automation portfolio. Unlike traditional automation engineering tools, Simatic AX is built from the ground up on modern software development methods, bringing them to PLC and Motion Control Engineering as an integrated engineering experience.

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Simatic AX Motion Control Engineering brings IT-oriented, document-based configuration of technology objects to Simatic AX

“More and more engineers with IT skills are entering the world of automation. With Simatic AX, we give them an engineering environment that fits the way they work. After the successful release of Logic Control Engineering in the US market, we are now launching it globally. Adding Motion Control Engineering is an important next step in building out our Software-Defined Automation offering,” said Annemarie Große Frie, Head of Automation Systems at Siemens.

Motion Control Engineering in Simatic AX for the first time

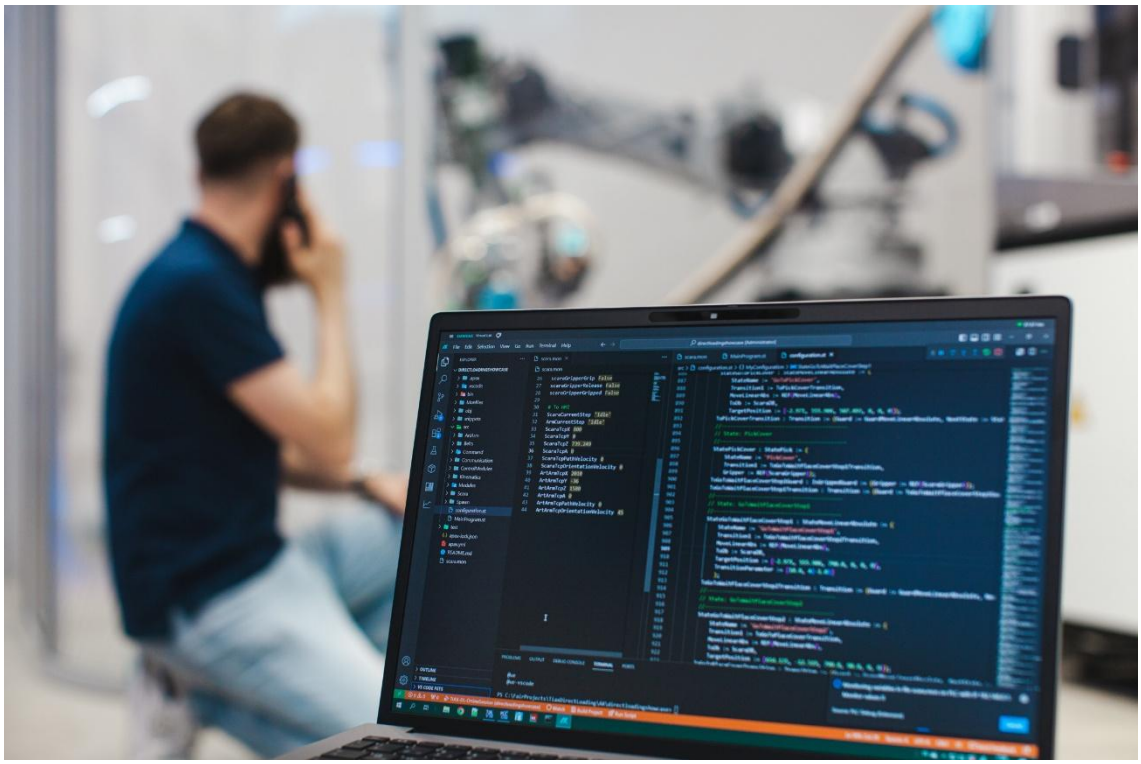
Simatic AX MCE will be shown in public for the first time at the SPS trade fair in Nuremberg. With this addition, the Simatic AX system grows beyond Logic Control. Automation engineers can configure technology objects in an IT-oriented, document-based way with PLCopen support and direct Git integration for version control. Motion Control tasks can be managed within the same text-based environment used for Logic Control, without switching to a separate engineering tool.

“Our engineering team works the way software developers do: with Git, automated builds and text-based code. With Simatic AX Motion Control Engineering, we can handle Motion Control in exactly the same workflow as our PLC logic. That makes our projects more consistent and will help us bring new machine functions to market faster," said Paul Slaats, Manager Engineering, Contiweb.

Logic Control Engineering now generally available worldwide

Simatic AX Logic Control Engineering enables IT-like hardware configuration for PLCs and input/output (I/O) devices. Engineers who prefer to work with IT software development mechanisms can use Simatic AX LCE to program Simatic S7 PLCs with text-based code, command-line interfaces (CLI) and scripting. Since June 2026, Simatic AX LCE has also supported ladder programming with XLad and the Simatic S7-1200 G2 controller. The consistent use of standard formats, plain text, CLI and scripting creates structured, transparent project data – a strong foundation for the use of Industrial AI in automation engineering.

Both Simatic AX LCE and MCE are available via Siemens Digital Exchange.



With Simatic AX, engineers program Simatic controllers the way software developers work: text-based and with familiar IT tools

This press release and press pictures are available at
https://press.siemens.com/global/en/pressrelease/software-defined-automation-siemens-announces-major-milestone-simatic-ax-engineering

More information on Simatic AX is available at https://www.siemens.com/en-us/products/simatic-ax/

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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.