Engineering Copilot TIA

Your generative AI-powered assistant

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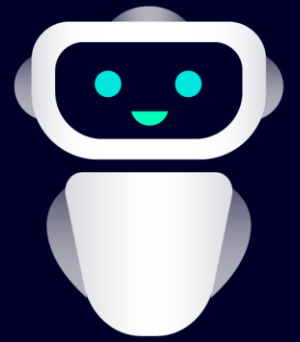
Industrial Copilots will support humans along the **industrial value chain**



Design
Break new ground in creativity

Planning
Plan more efficiently than ever before

Engineering
Engineering without repetitive tasks

Operations
Transparency at your fingertips

Services
Know it all – before it happens

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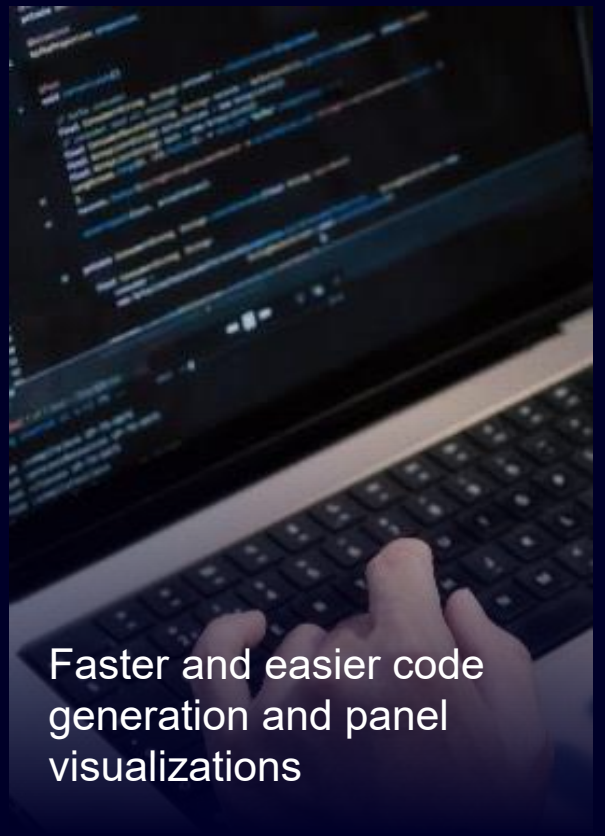
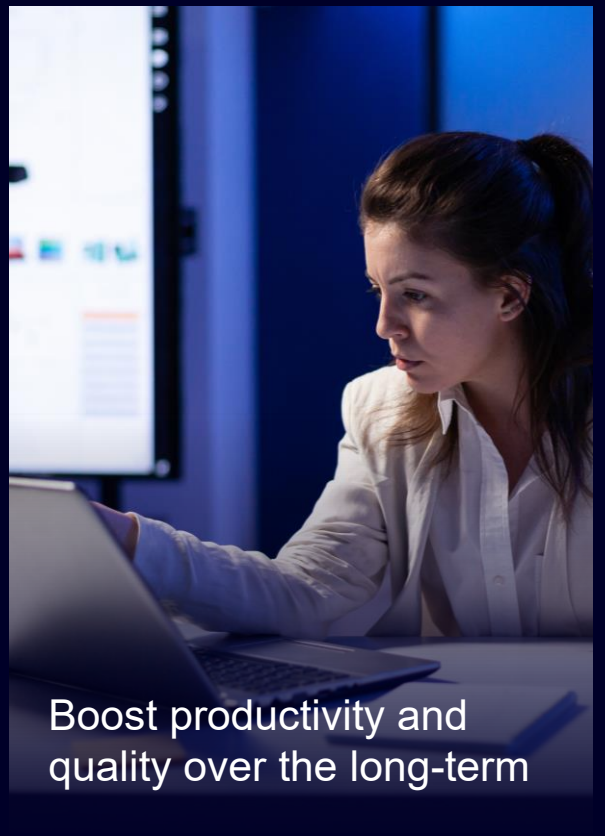
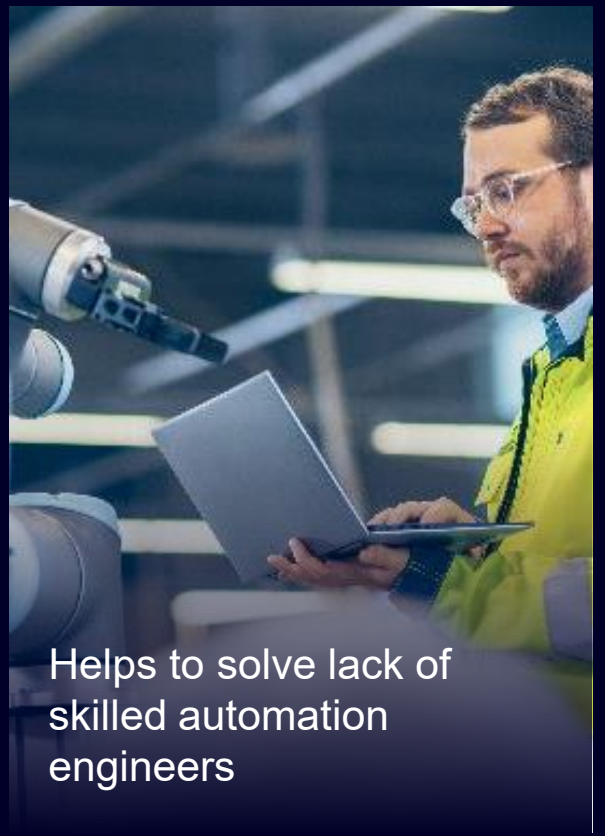
Benefits







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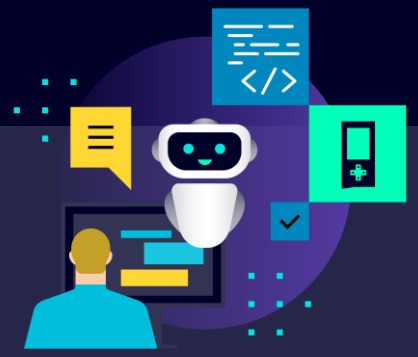
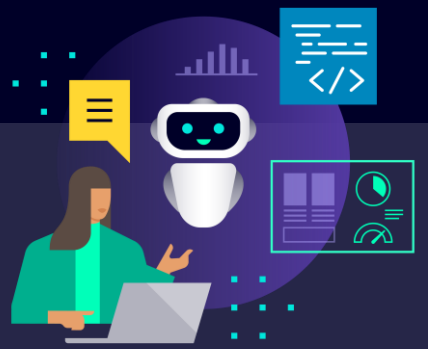
What can I do with it? Some Examples...



SCL Code Generation for PLCs

No more tedious manual programming: Create SCL Code, Test Code, Document Code within seconds.



JavaScript Creation for WinCC Unified

Bring your WinCC Unified HMIs to life: effortless creation & integration of JavaScript and smooth migration of your classic VBScripts.

Project Creation & Configuration

Hardware Creation: Automatic device configuration using Excel and prompting.

Creating PLC Project structure based on a given automation standard, e.g. SICAR.

TIA Portal guidance and support

Quick responses to questions in the context of TIA Portal Engineering or code explanation (e.g. of existing projects) for enhanced understanding.

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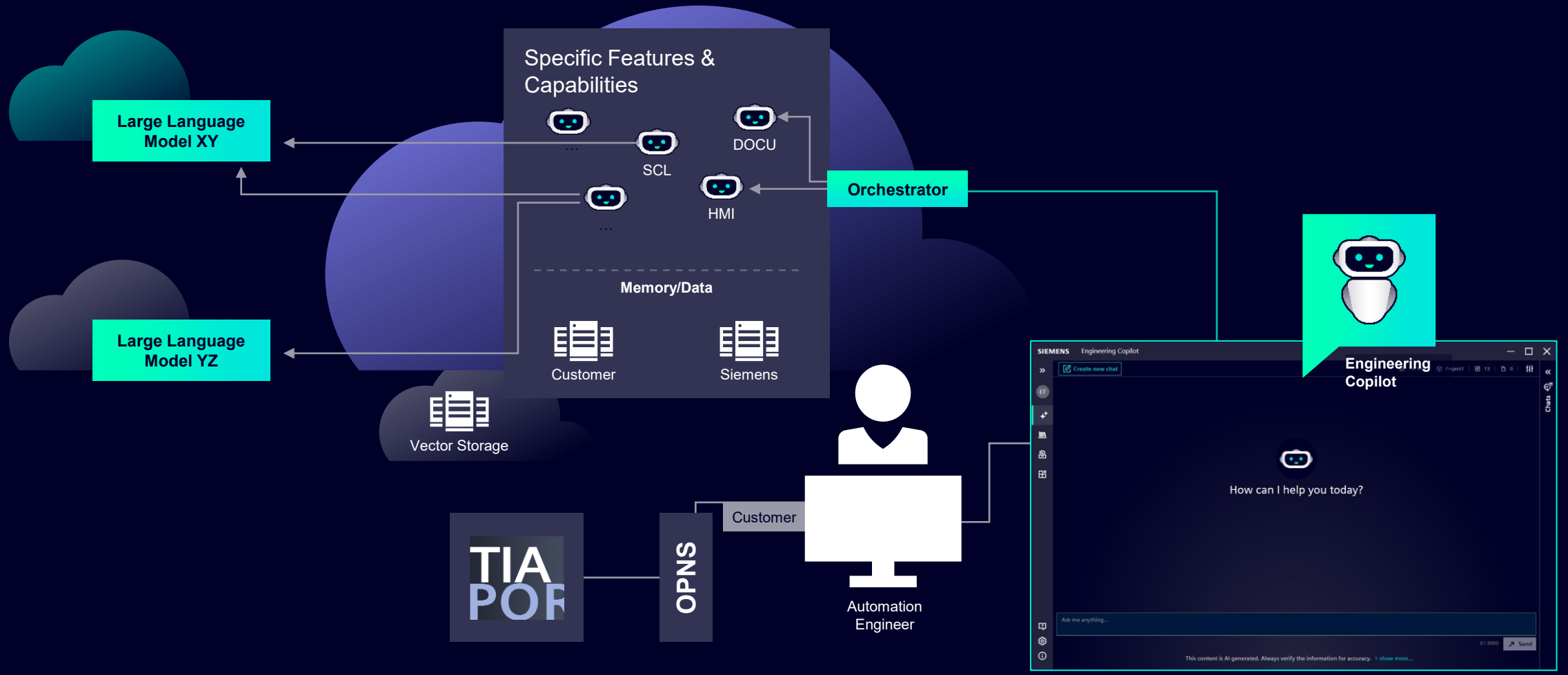
Engineering Copilot TIA
How it works …



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At Siemens, we turn AI into industrial-grade AI solutions
Robust, democratized and with purpose

Robust

Ensuring AI is reliable, trustworthy, and secure, and meets the most stringent industrial standards

Data security of Engineering Copilot TIA

- The Engineering Copilot TIA is **tailored for professional use in industrial environments**, ensuring that your data is handled securely and in accordance with industry standards.
- Siemens will not persist customer input data in the cloud, only process customer input in the Engineering Copilot to answer the questions of the user.

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Engineering Copilot TIA

Code Creation:
SCL Code in Seconds

- → No need to be proficient in SCL
- → Focus on other priorities by letting the Engineering Copilot TIA handle routine coding

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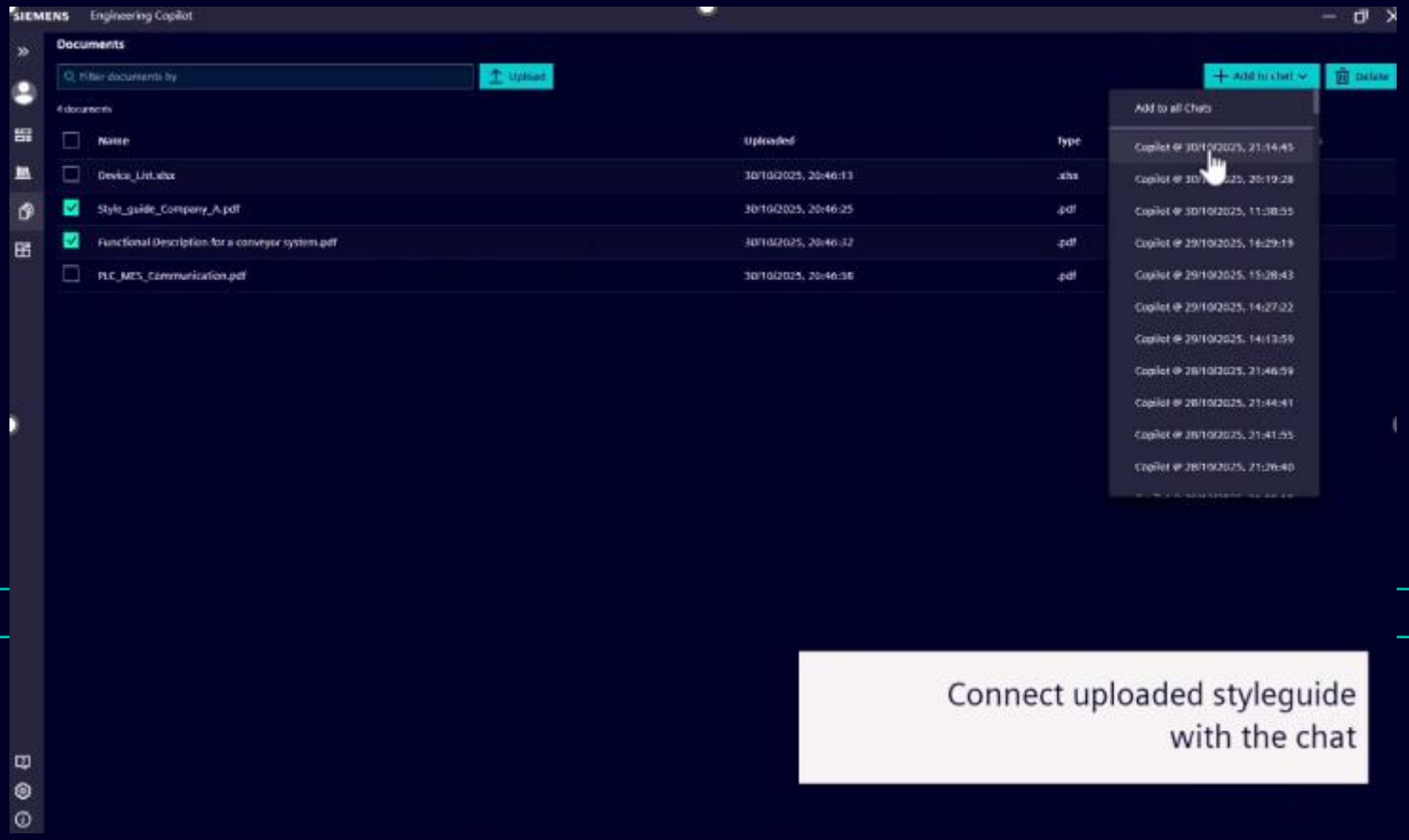

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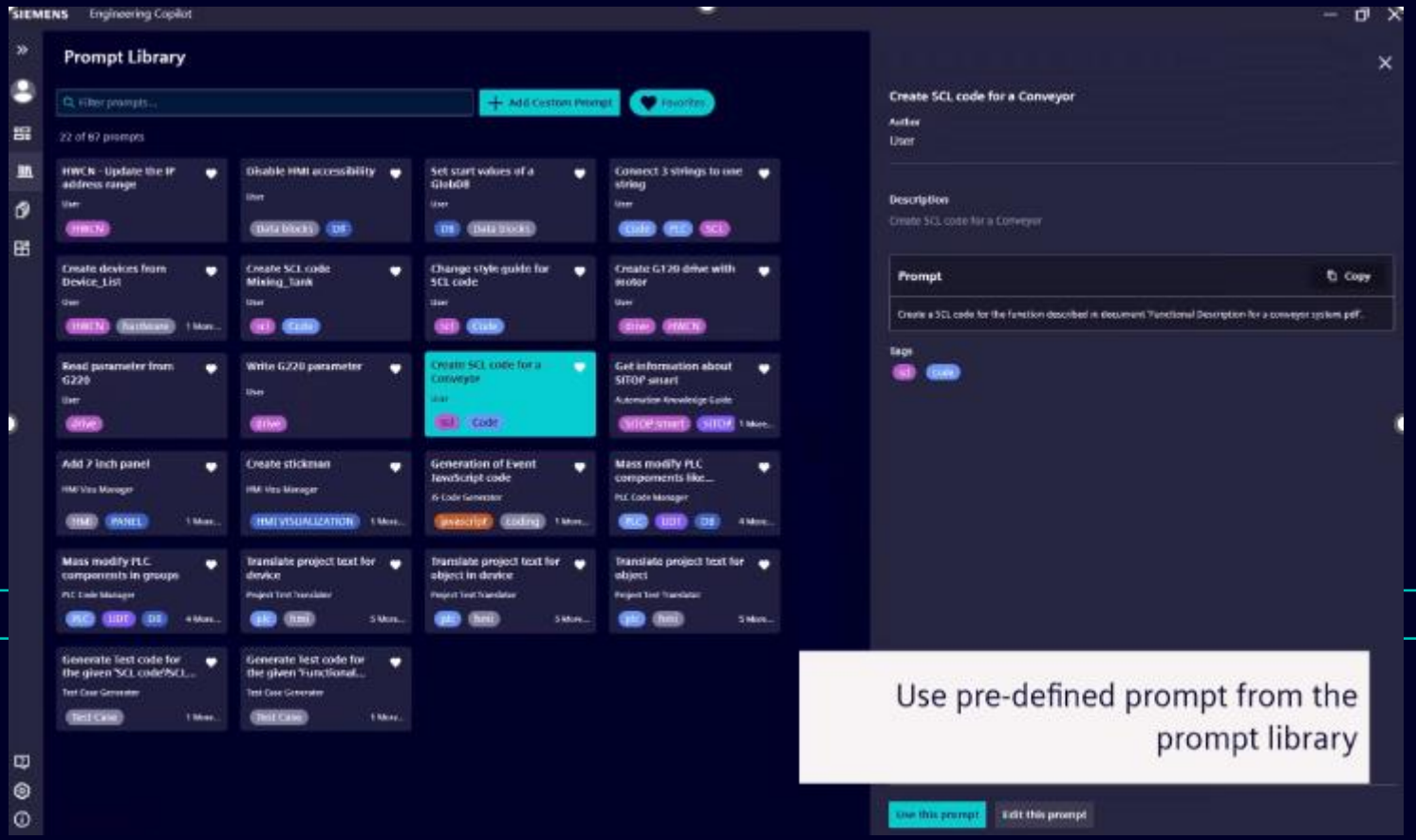

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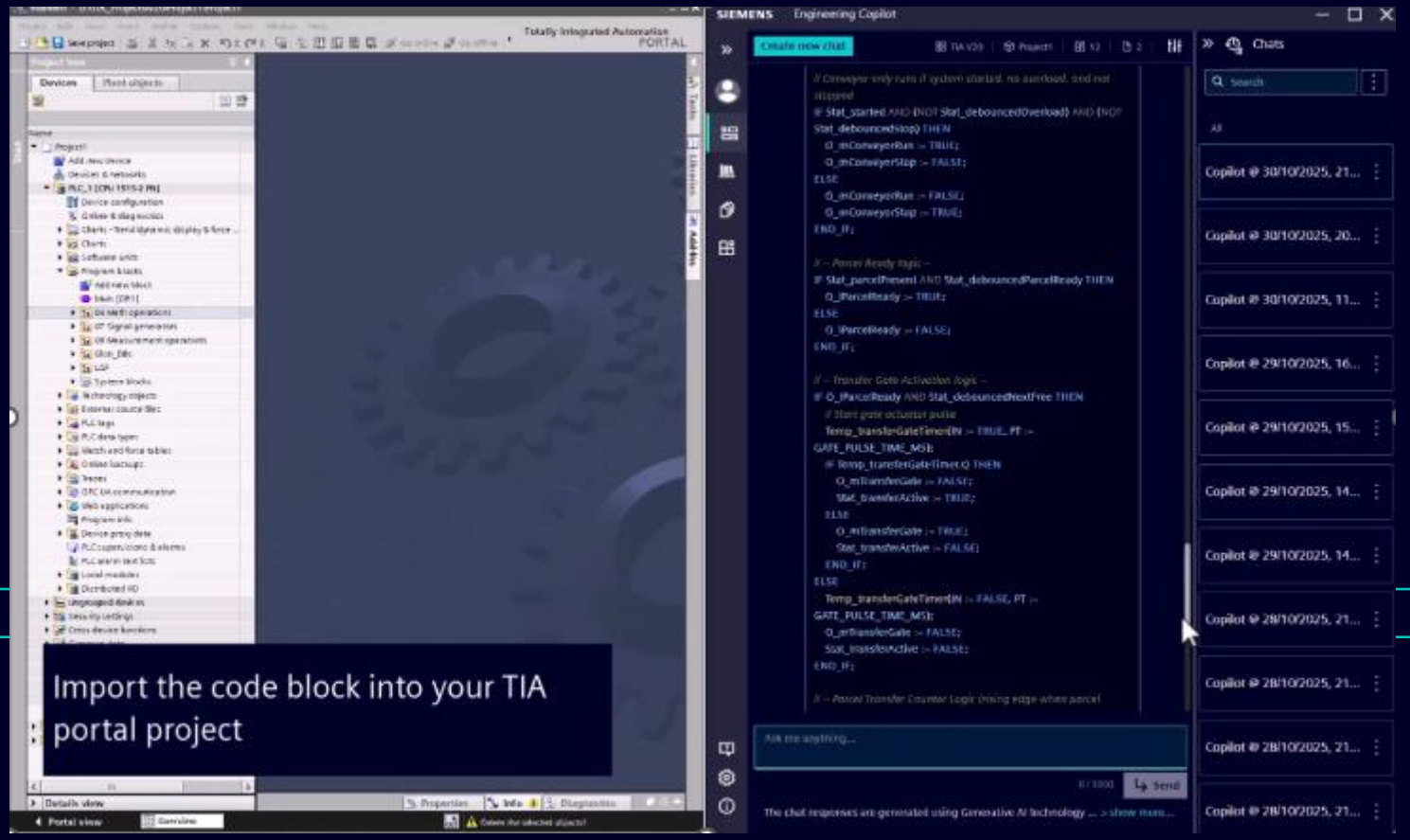

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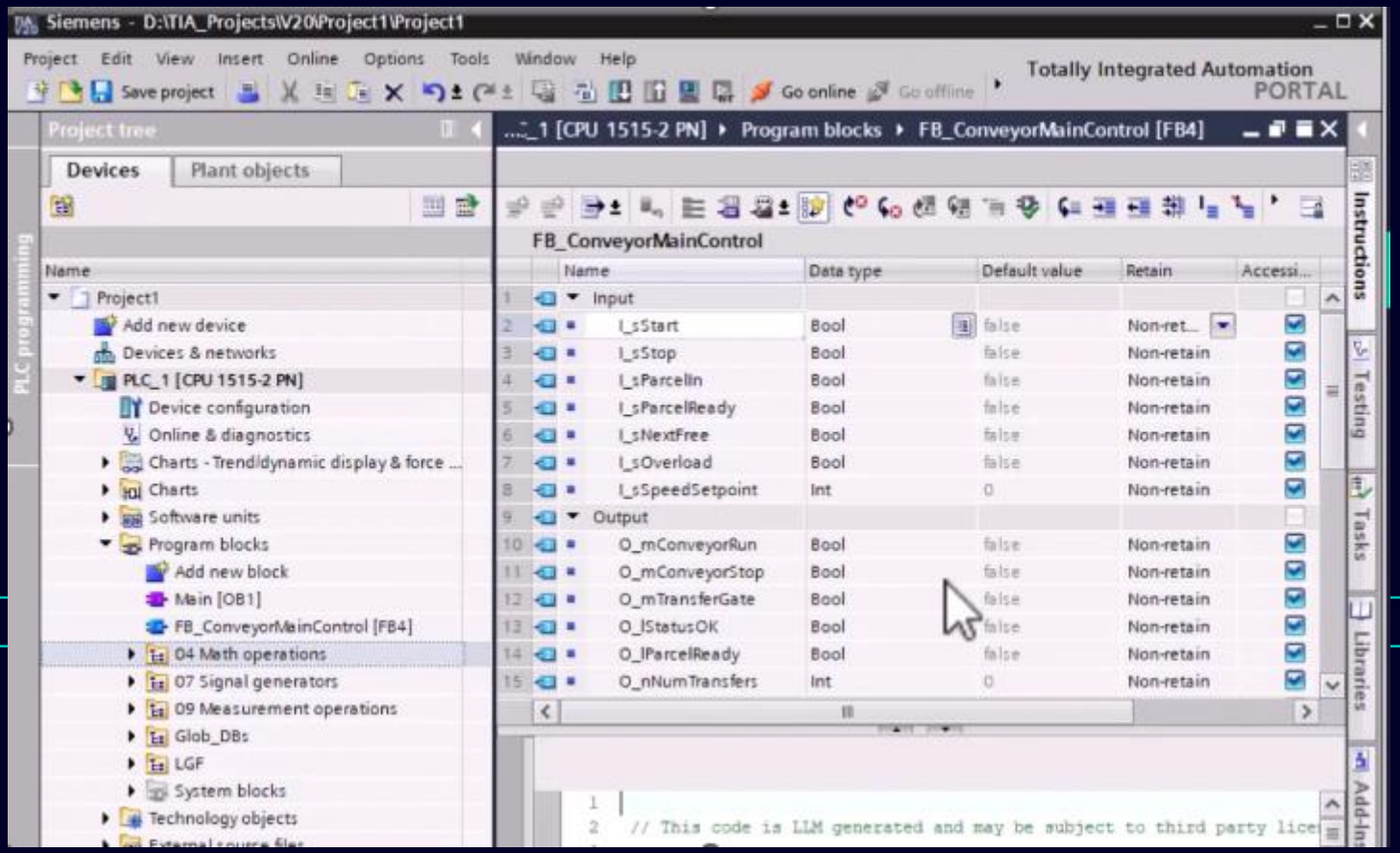

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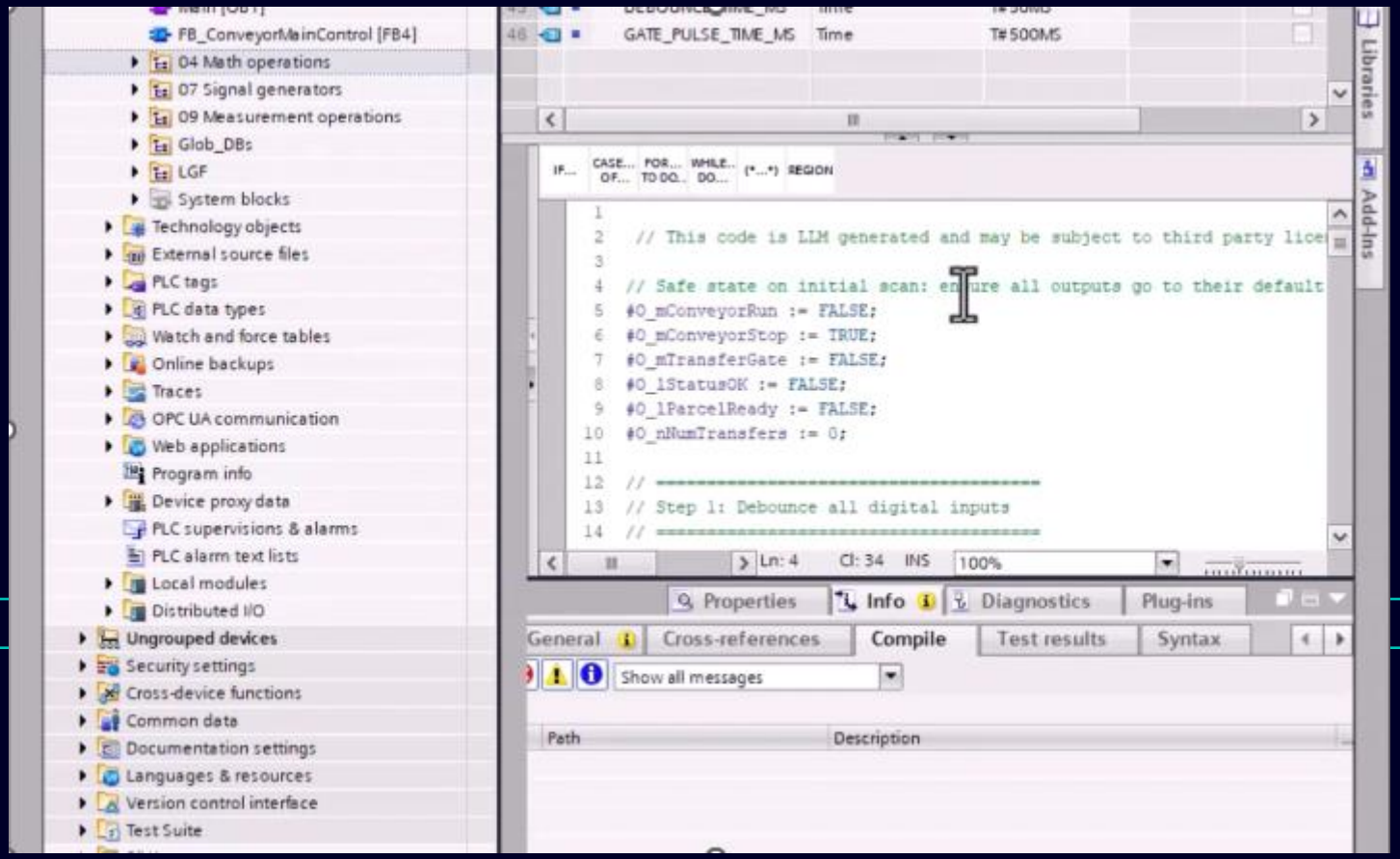

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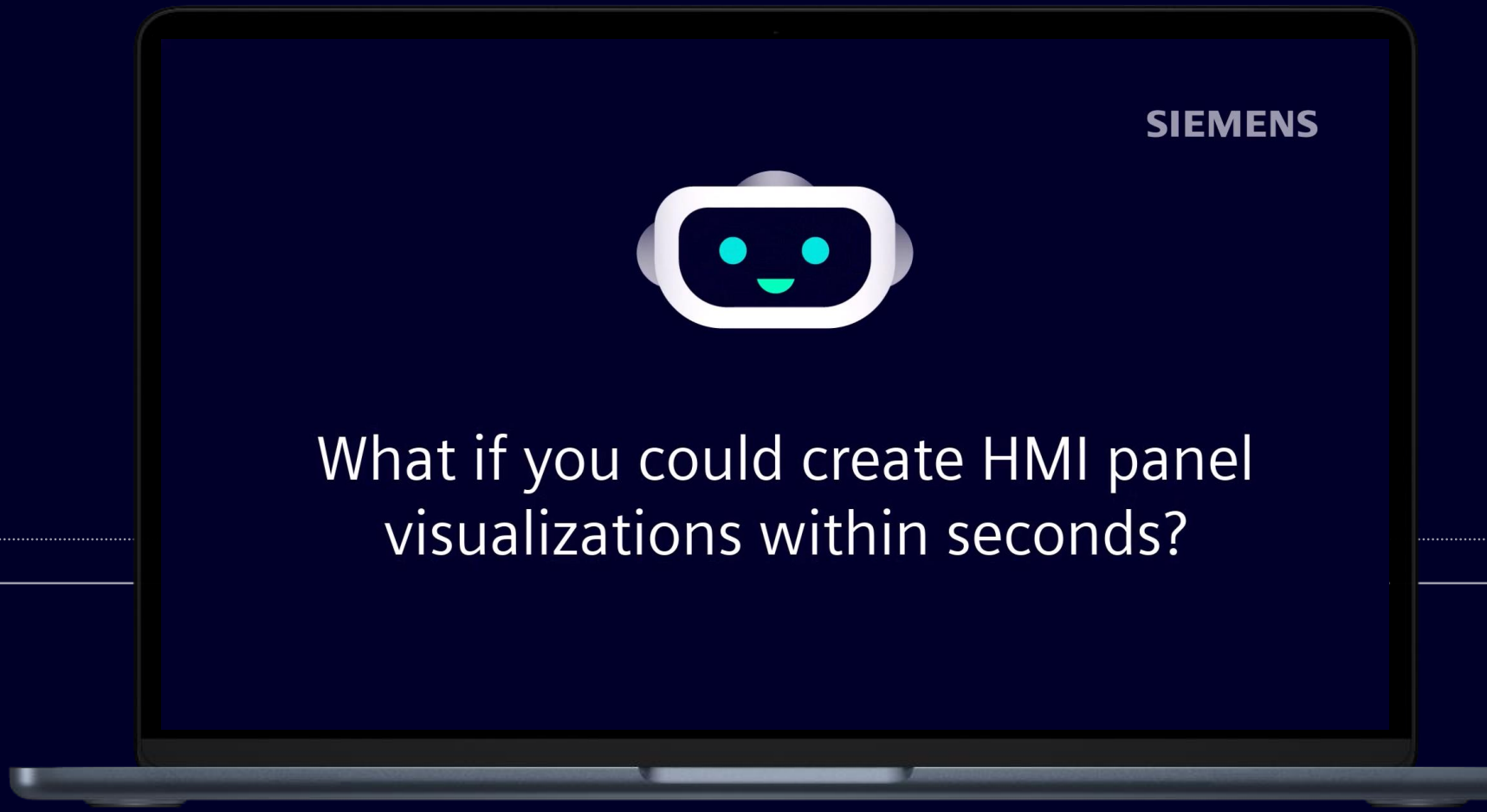
HMI Engineering
Generating WinCC Unified HMI



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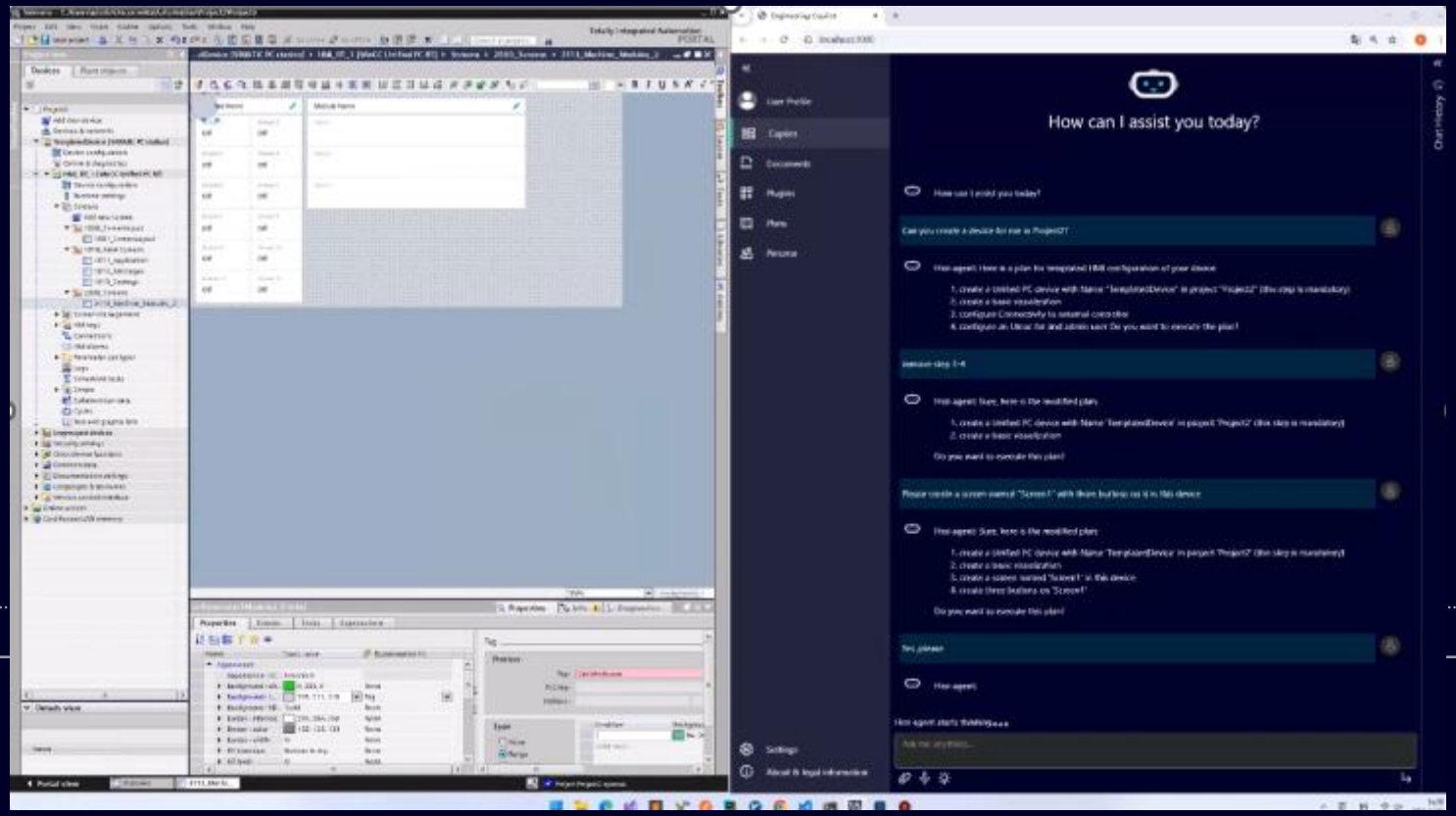

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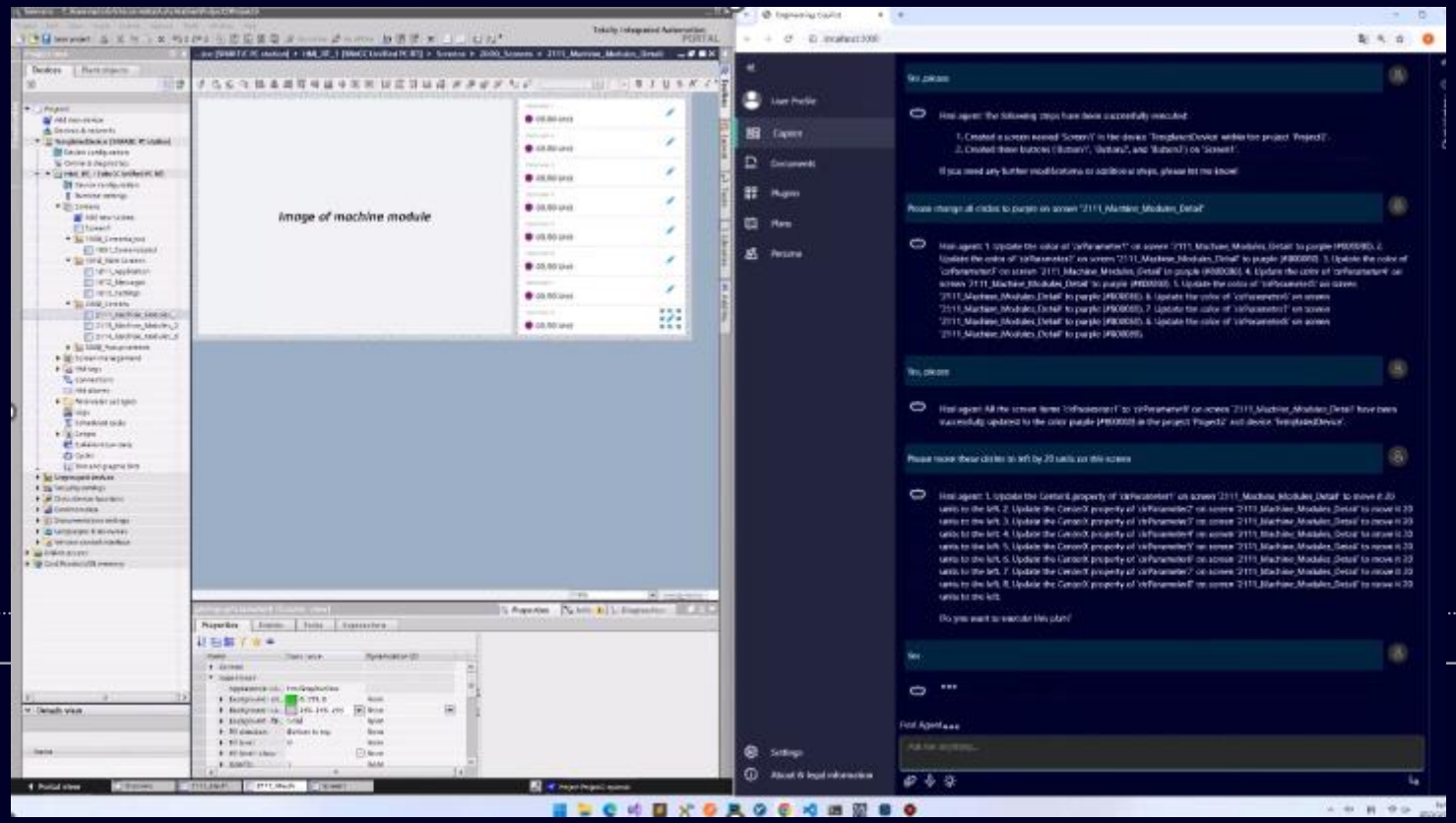

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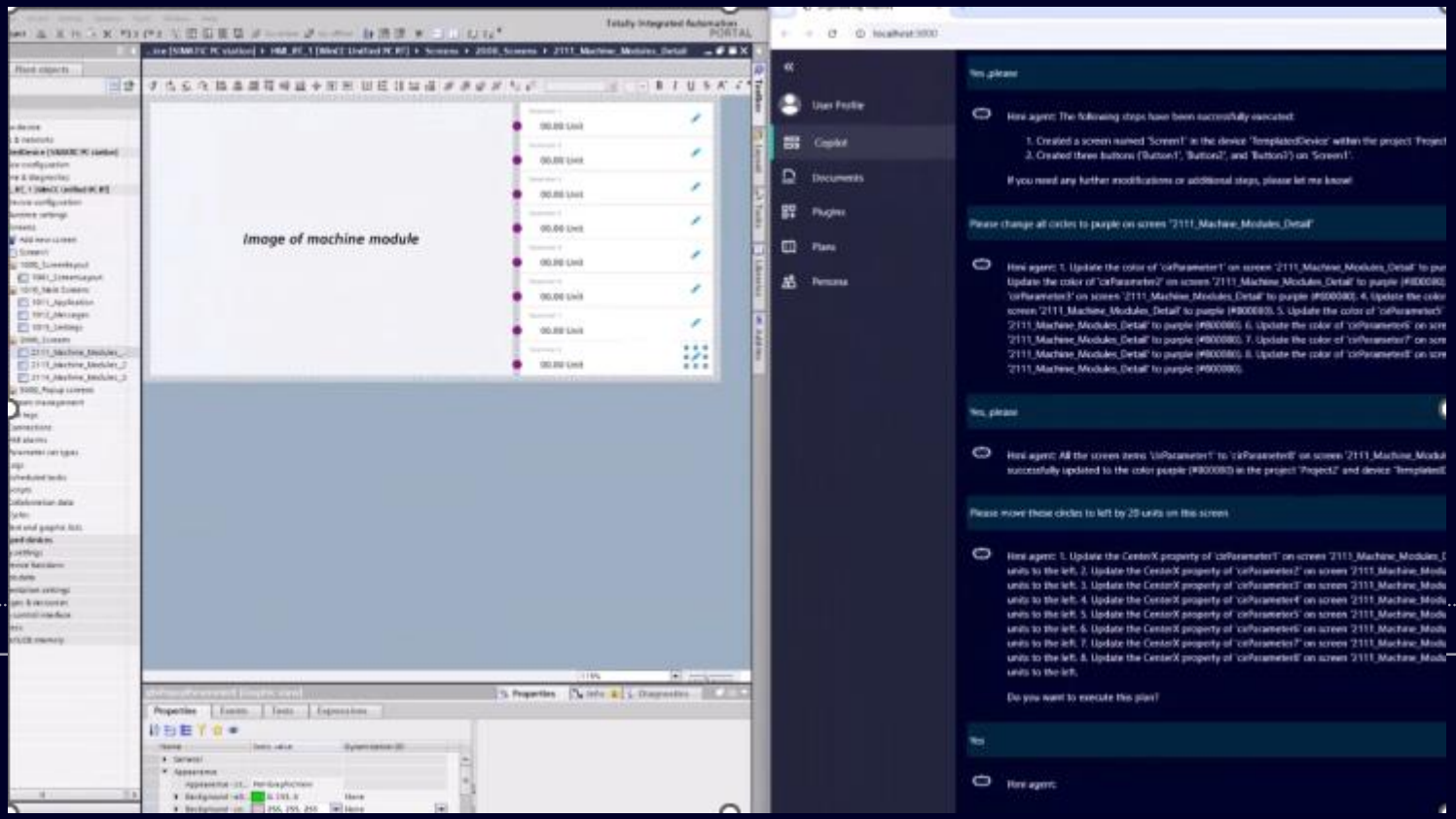

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Code Creation:
Test Code in Seconds.

→ Cut manual testing and documentation overhead

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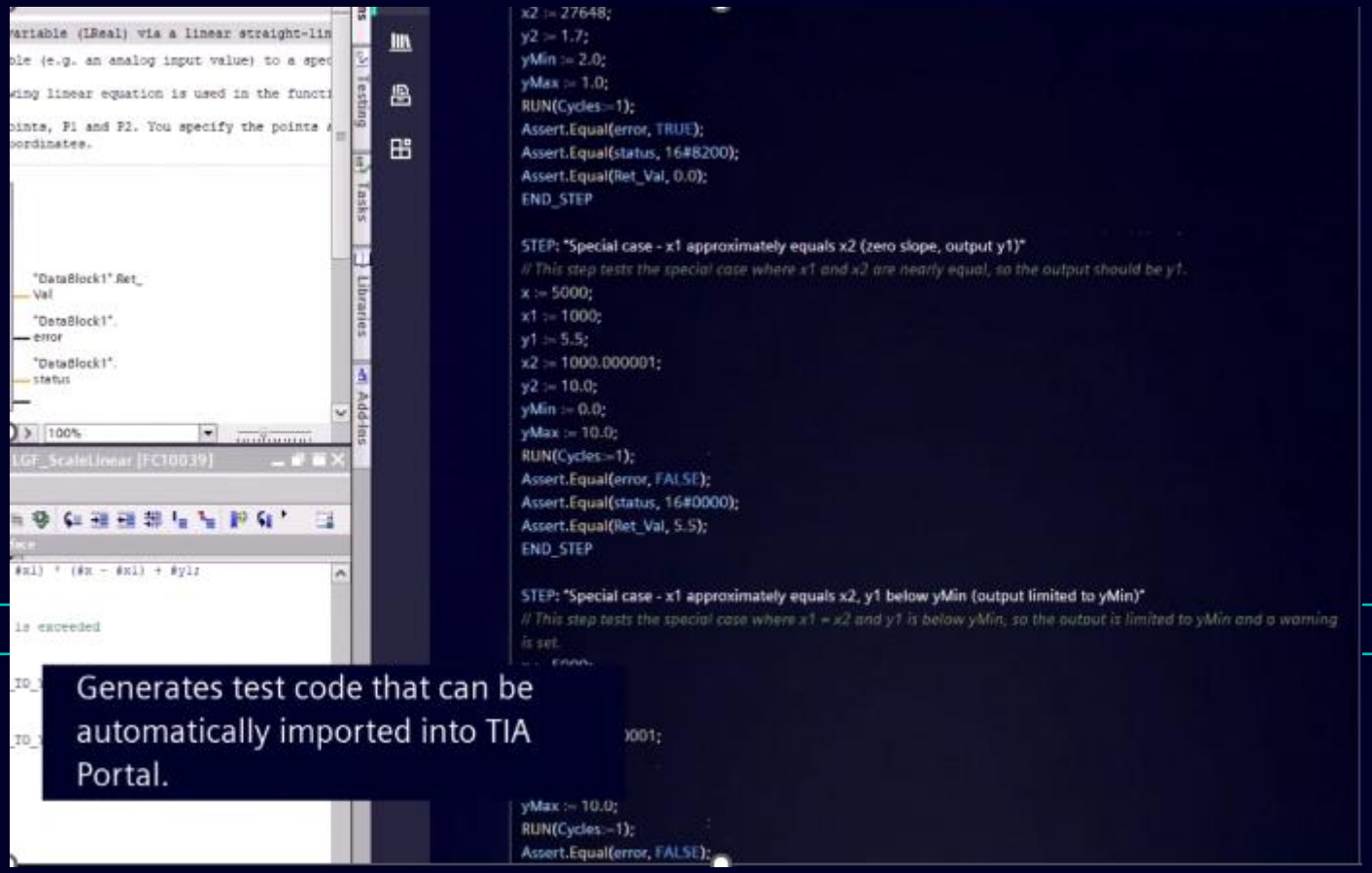

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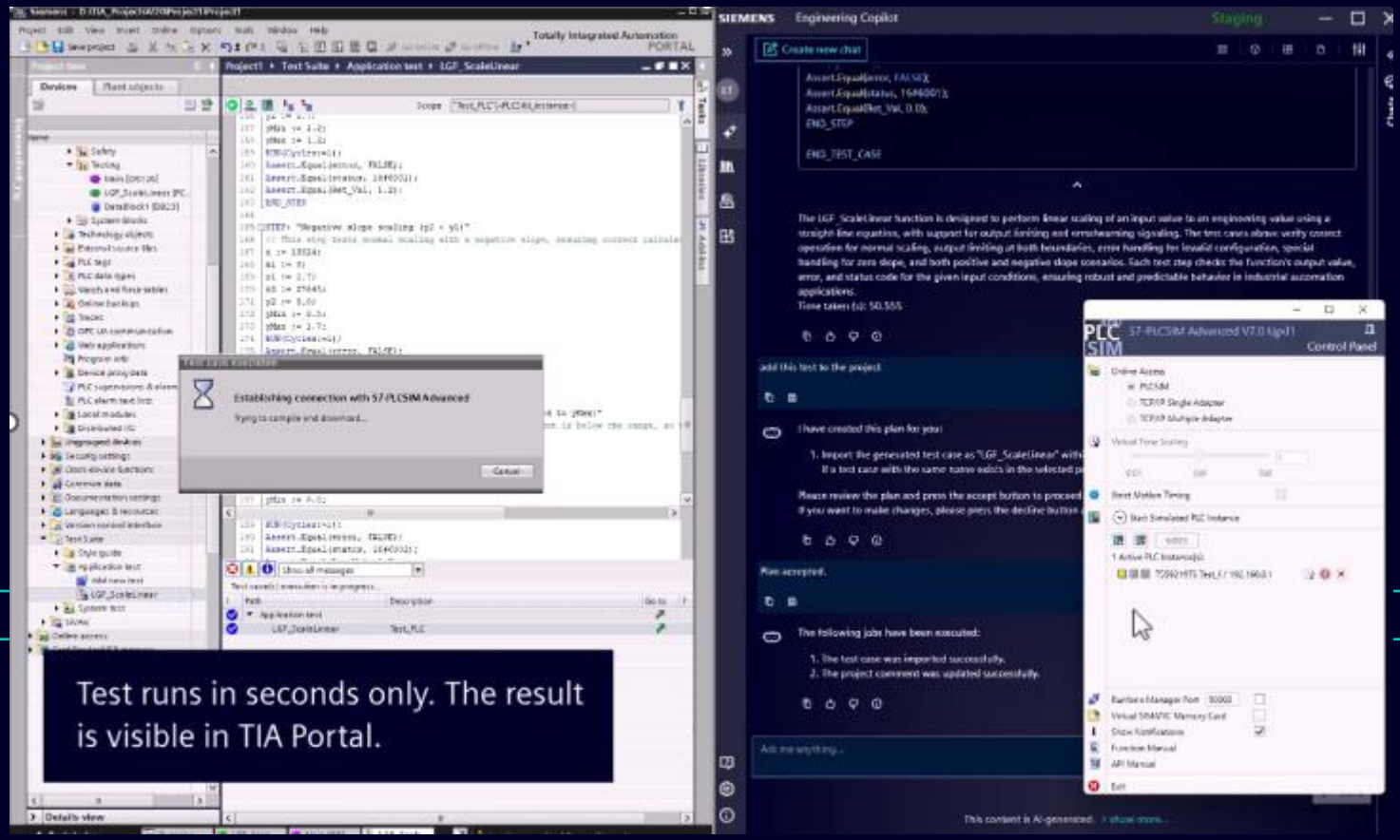

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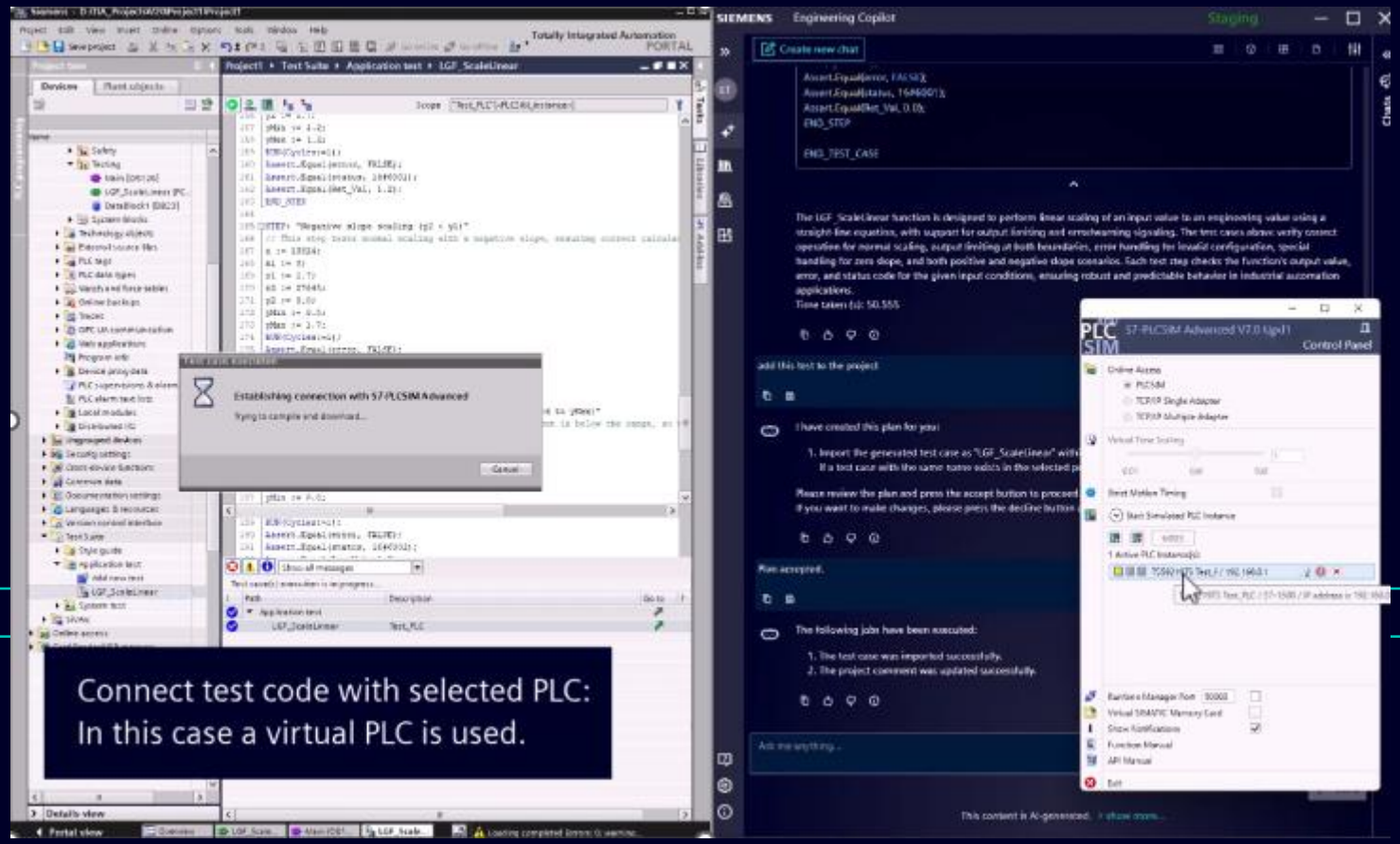

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Code Creation:
Document Code with Tia Portal ‘Code2Docu’ Add-In.

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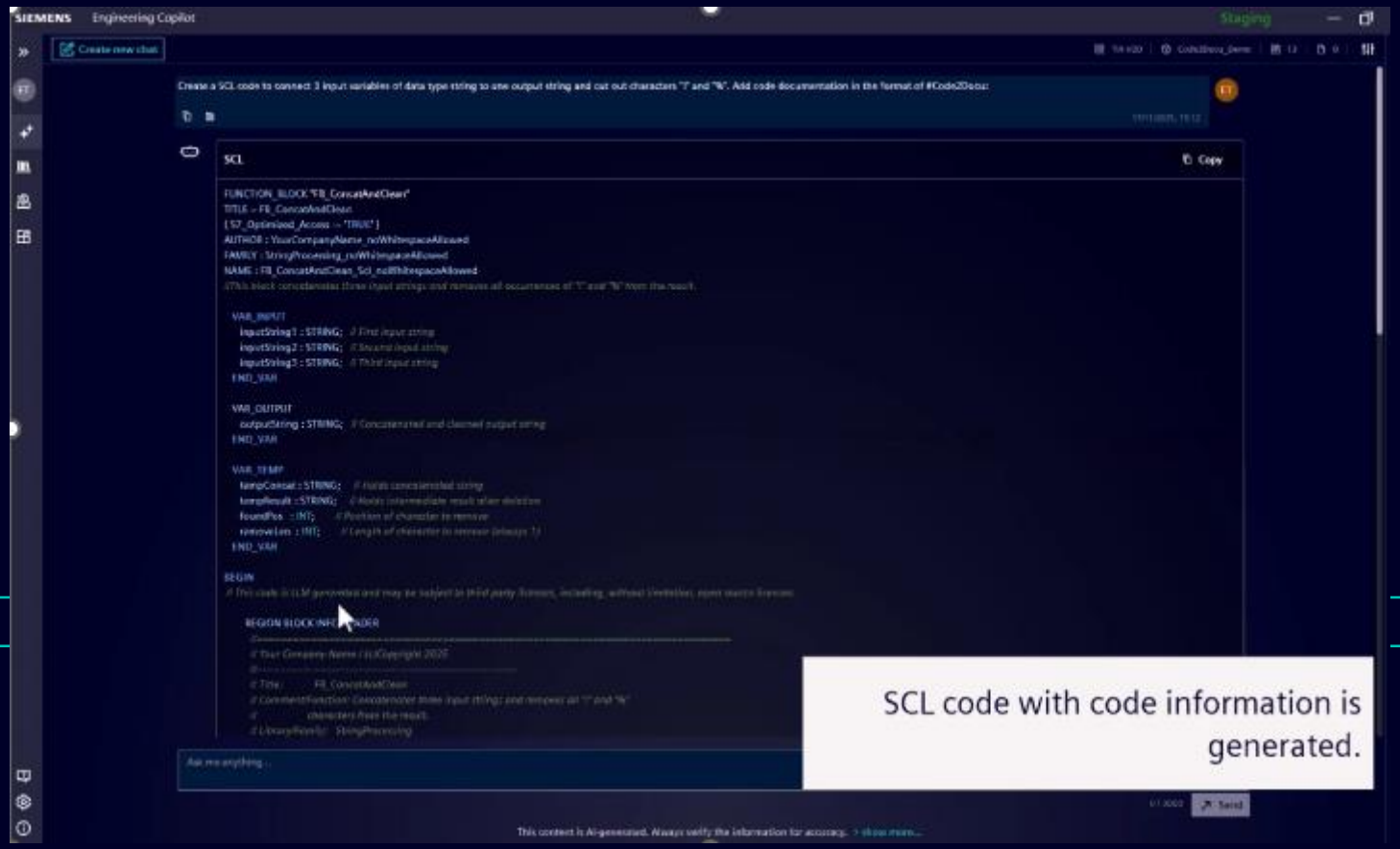

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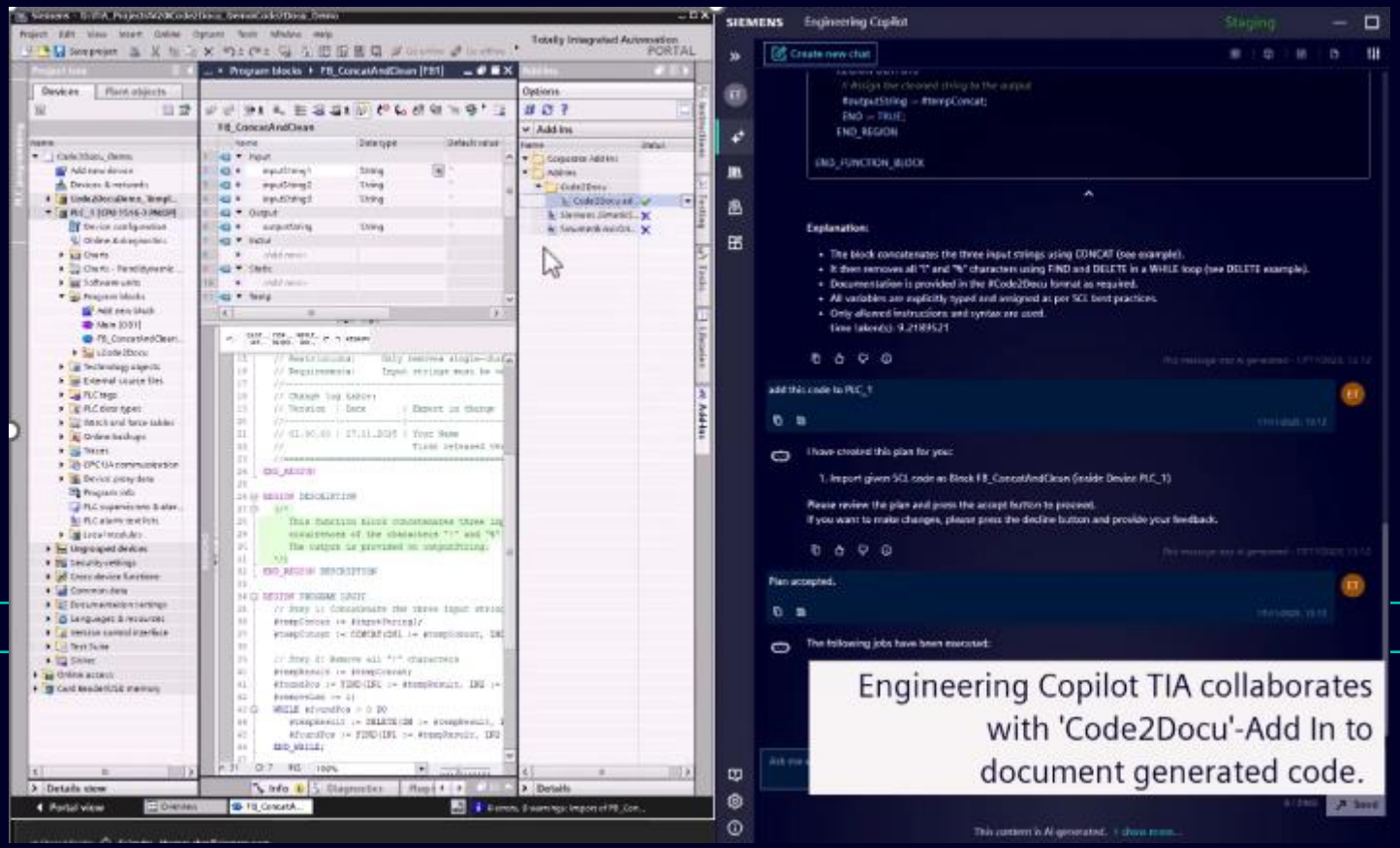

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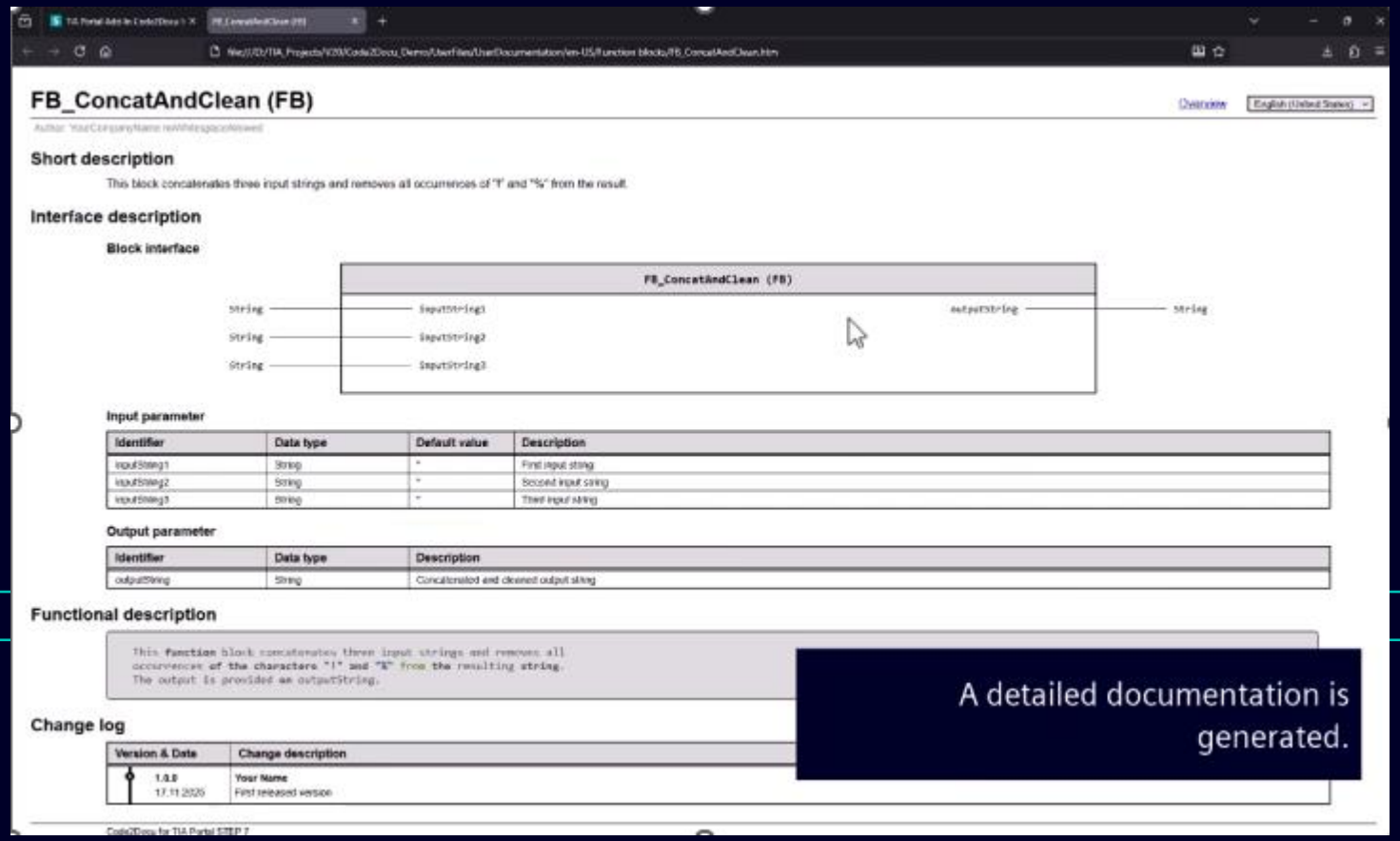

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Hardware Creation:
Streamline your device setup – automatic device configuration using Excel and/or Prompting.

→ No longer waste time while creating devices manually

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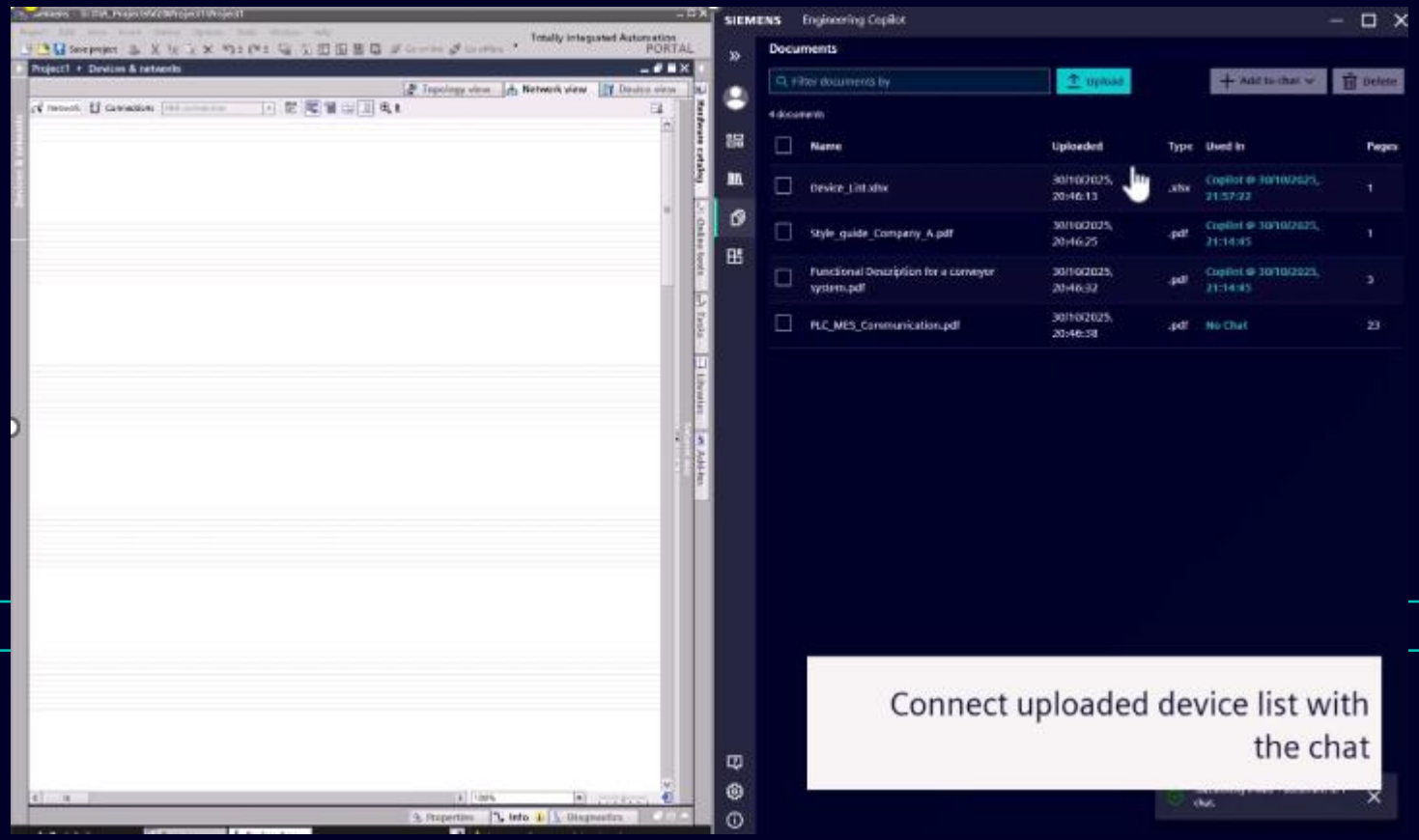

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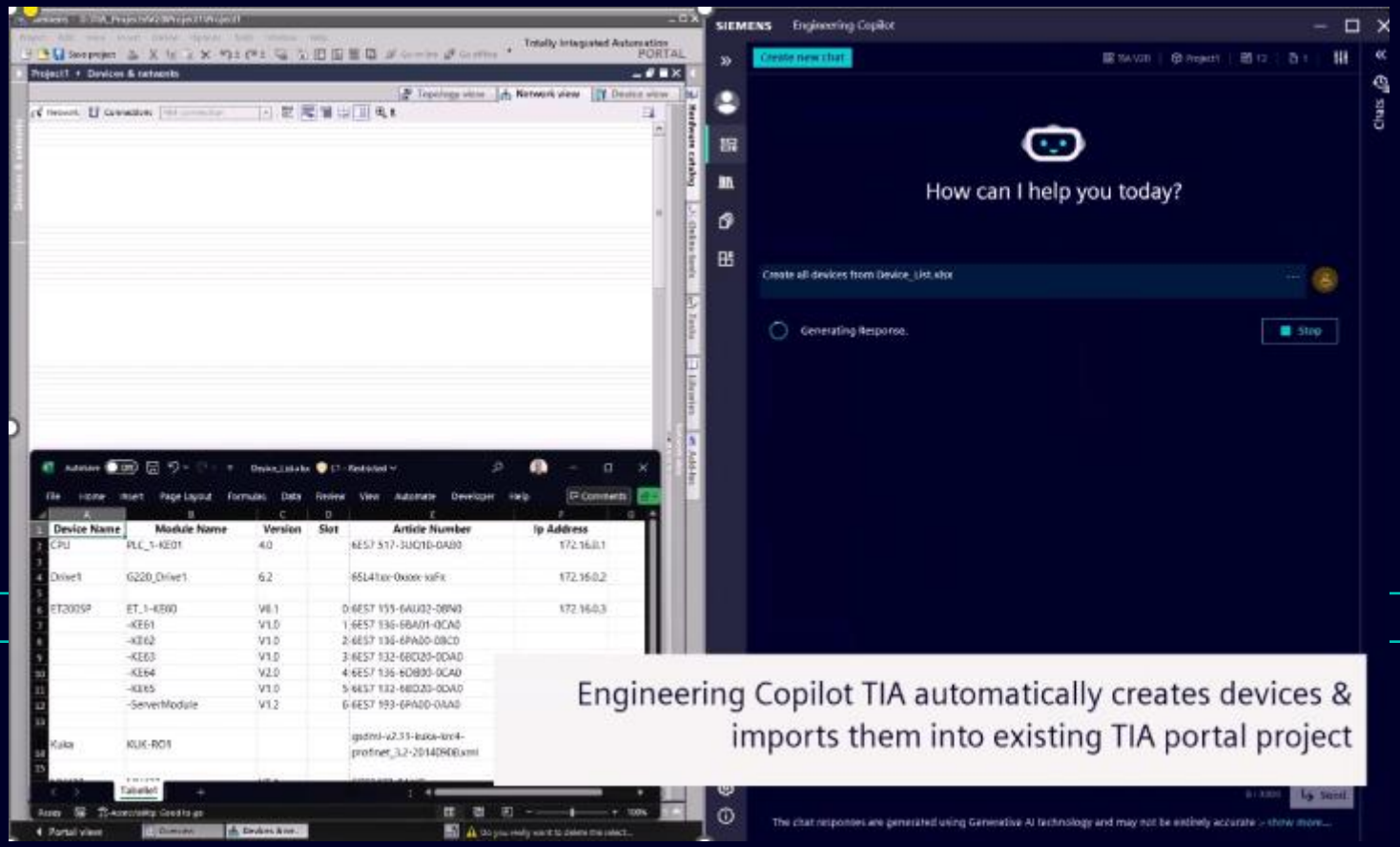

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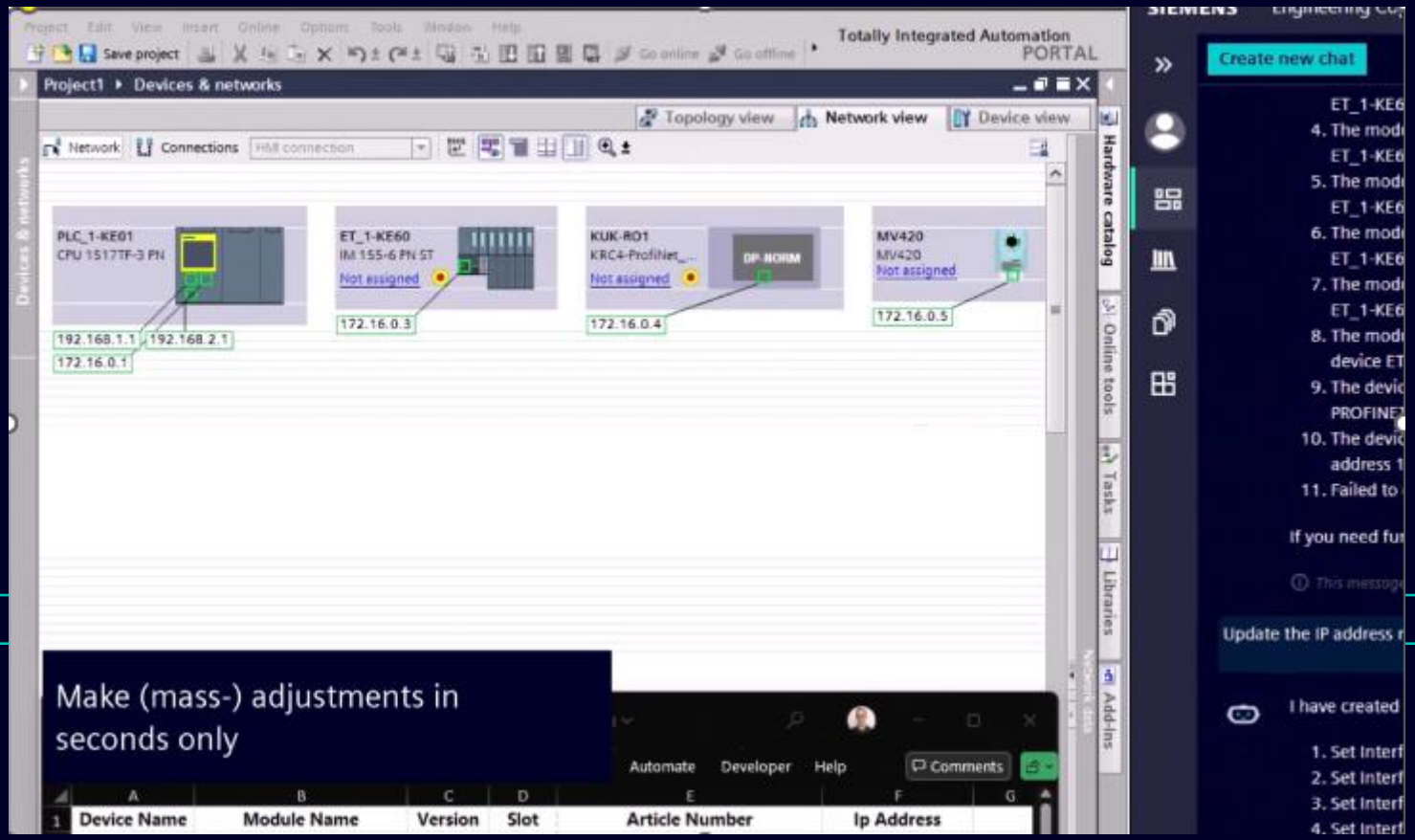

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Comprehensive TIA Portal Projects:
Creating PLC Project Structures based on specific Industry Standard

→ Reduce time-to-operation

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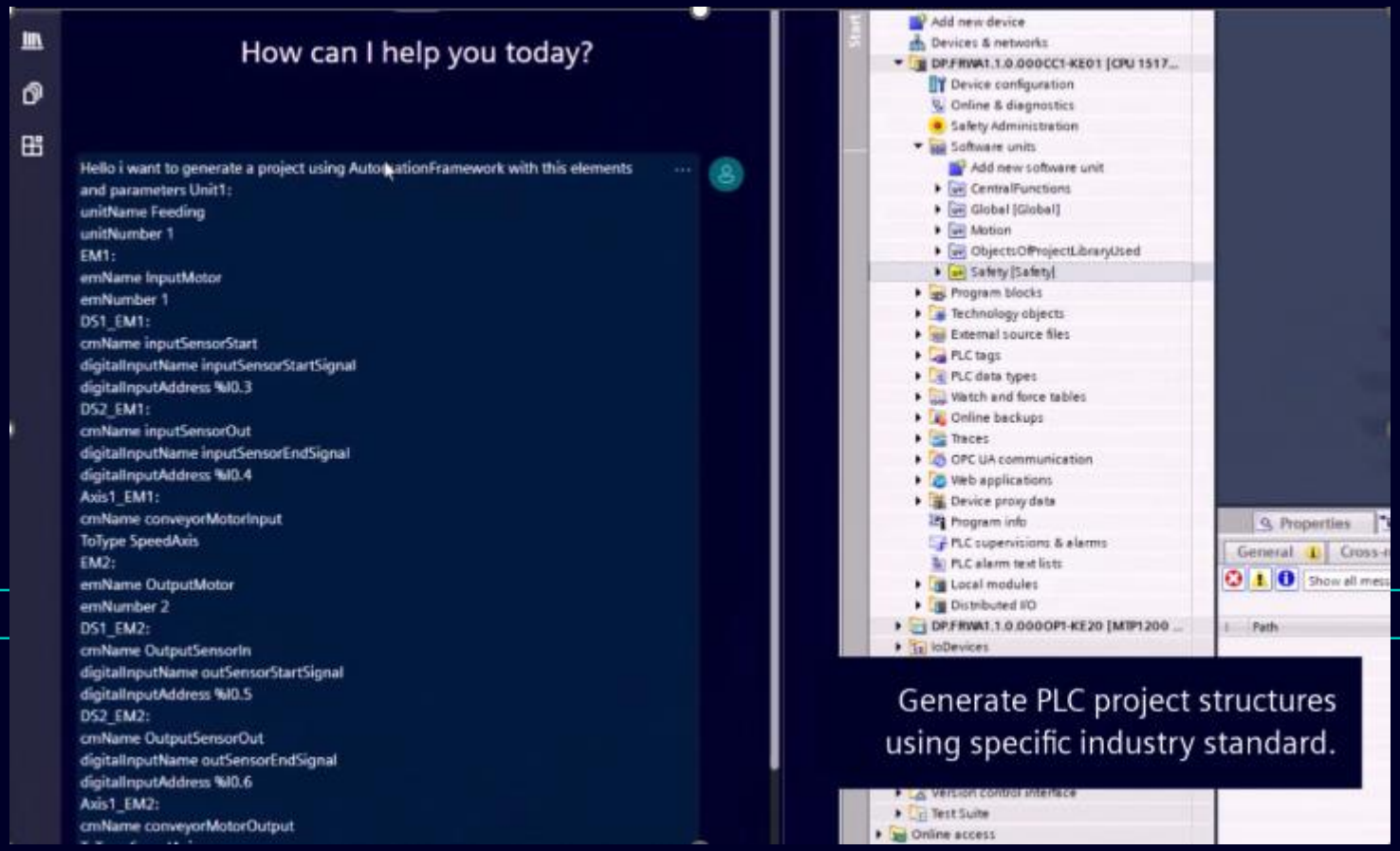

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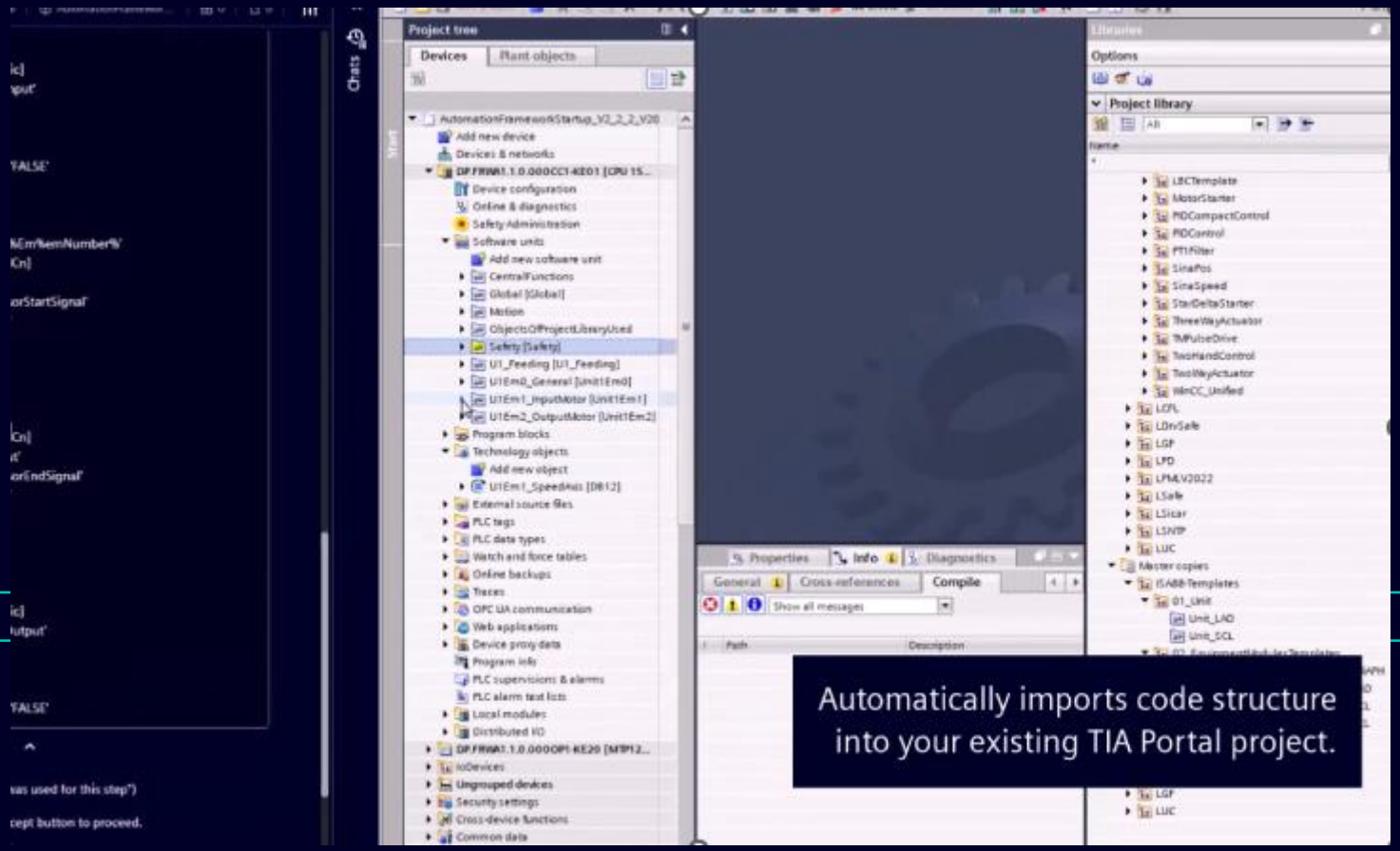

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TIA Portal Guidance & Support:
Quick responses to questions in the context of TIA Portal Engineering.

→ Easy access to relevant expert know-how

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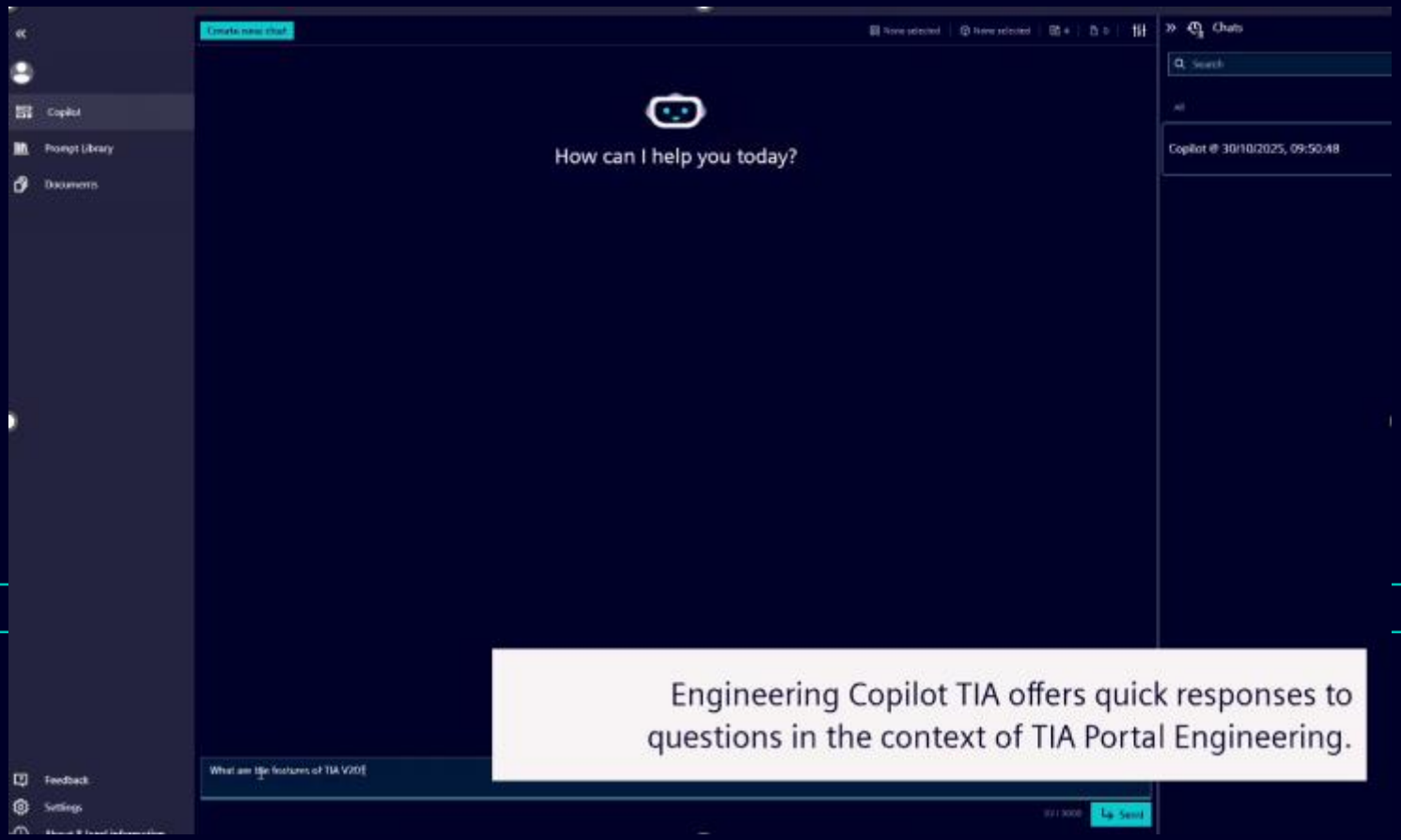

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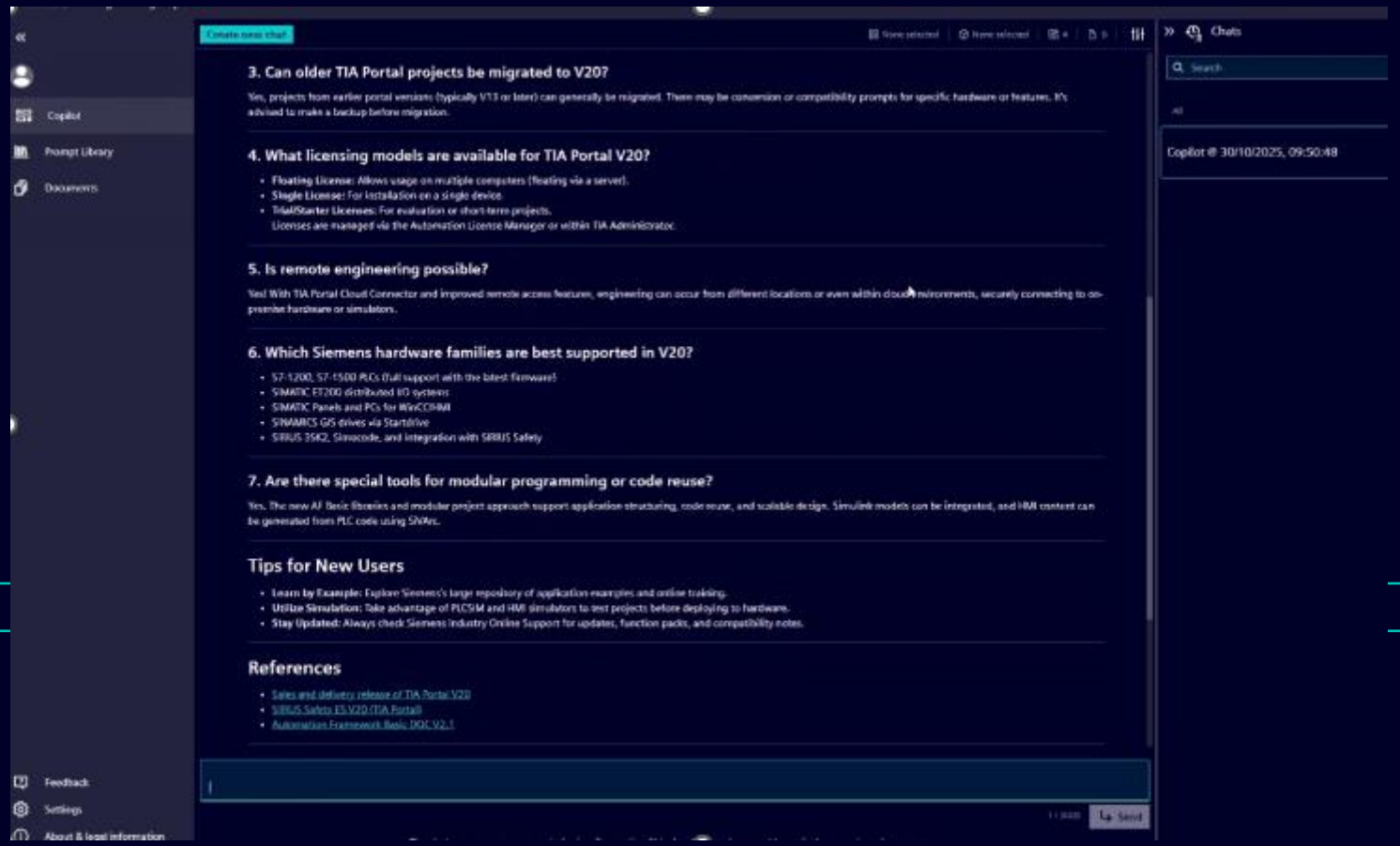

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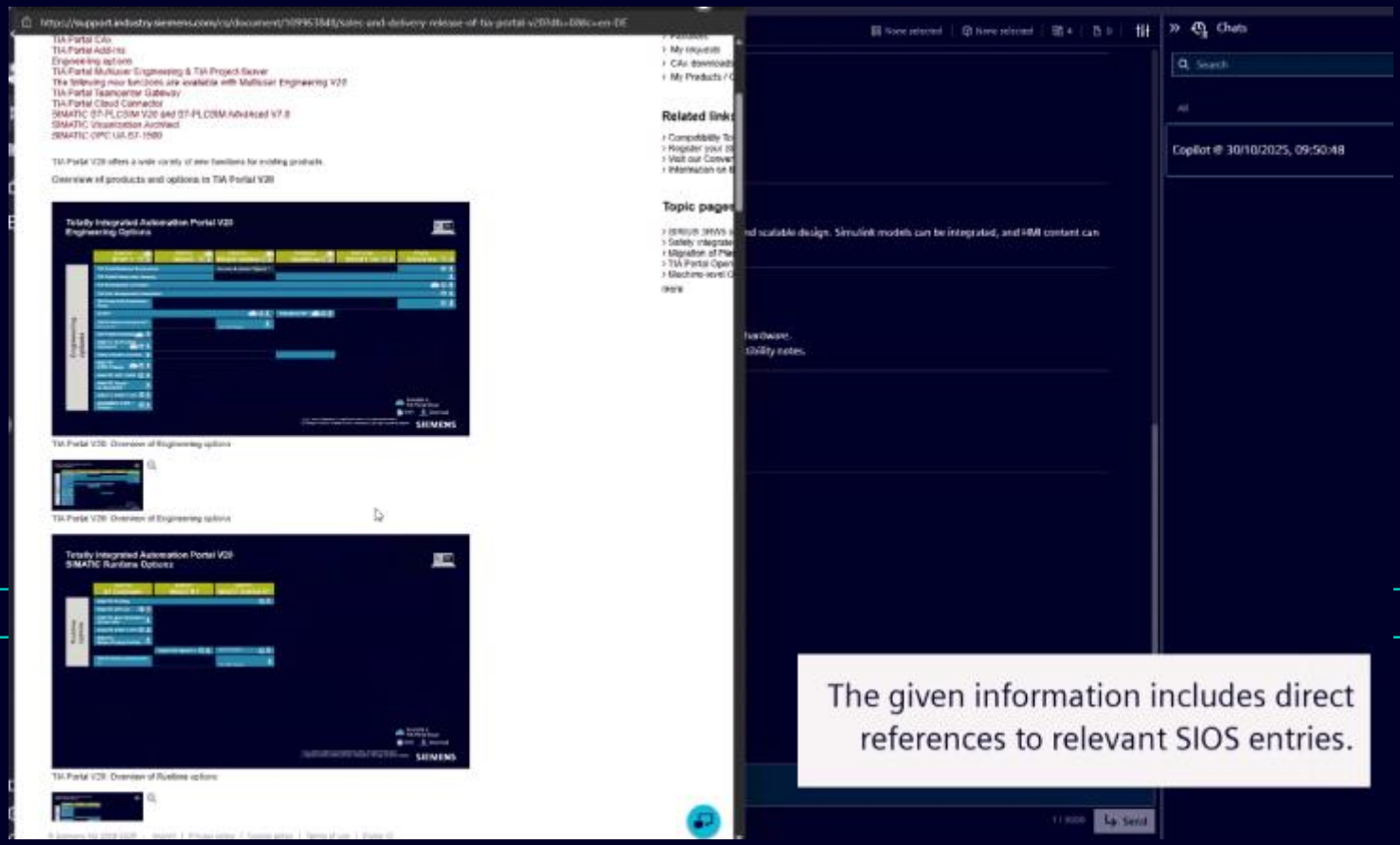

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Design Copilot NX

Design Copilot NX delivers AI engineering assistance to enable users to ask natural language questions, quickly access detailed technical insights and streamline complex design tasks for faster and smarter product development. Design engineers can:

- Receive accurate design assistance
- Understand detail design context
- Make design changes quickly
- Enable more productive workflows and efficiency savings

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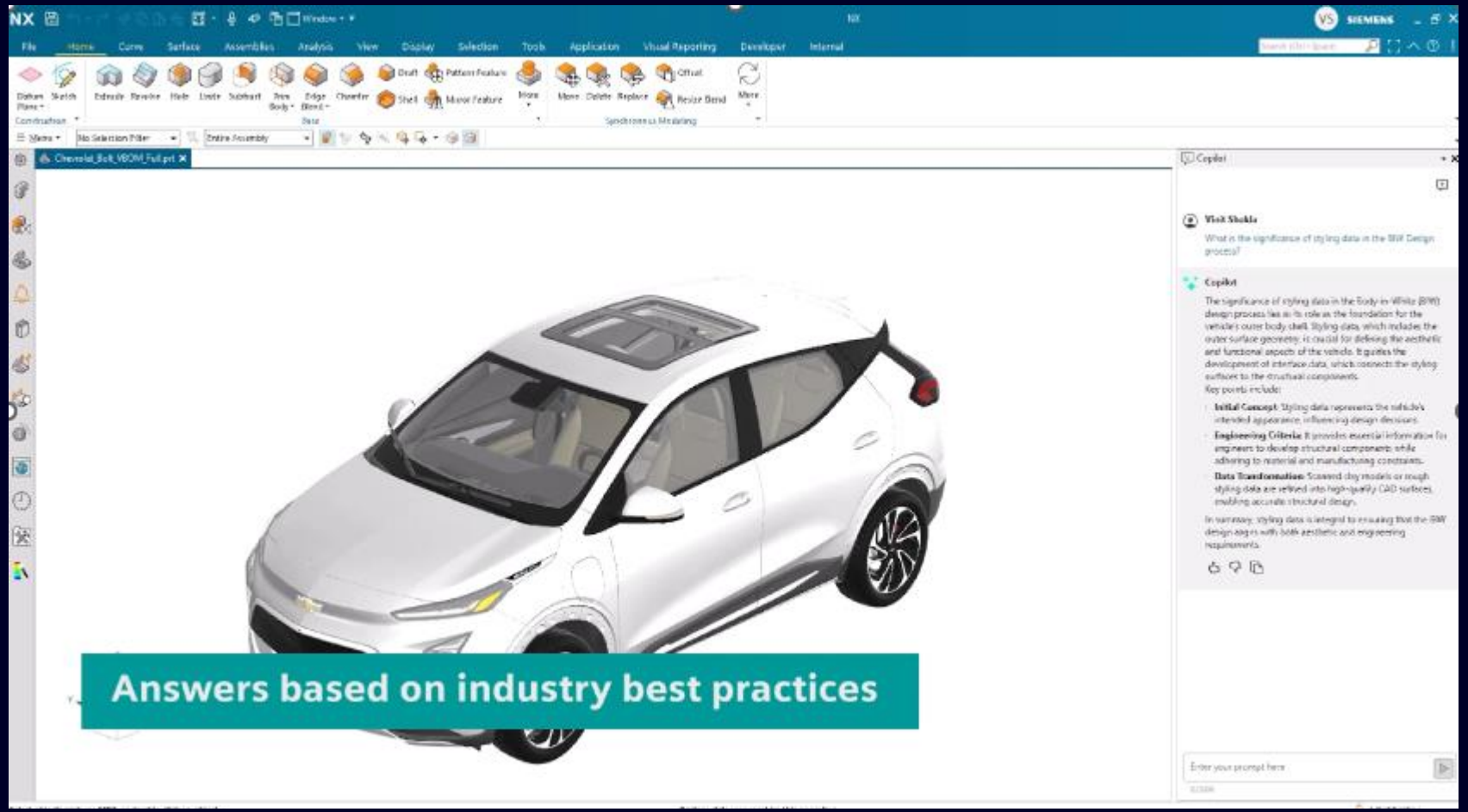

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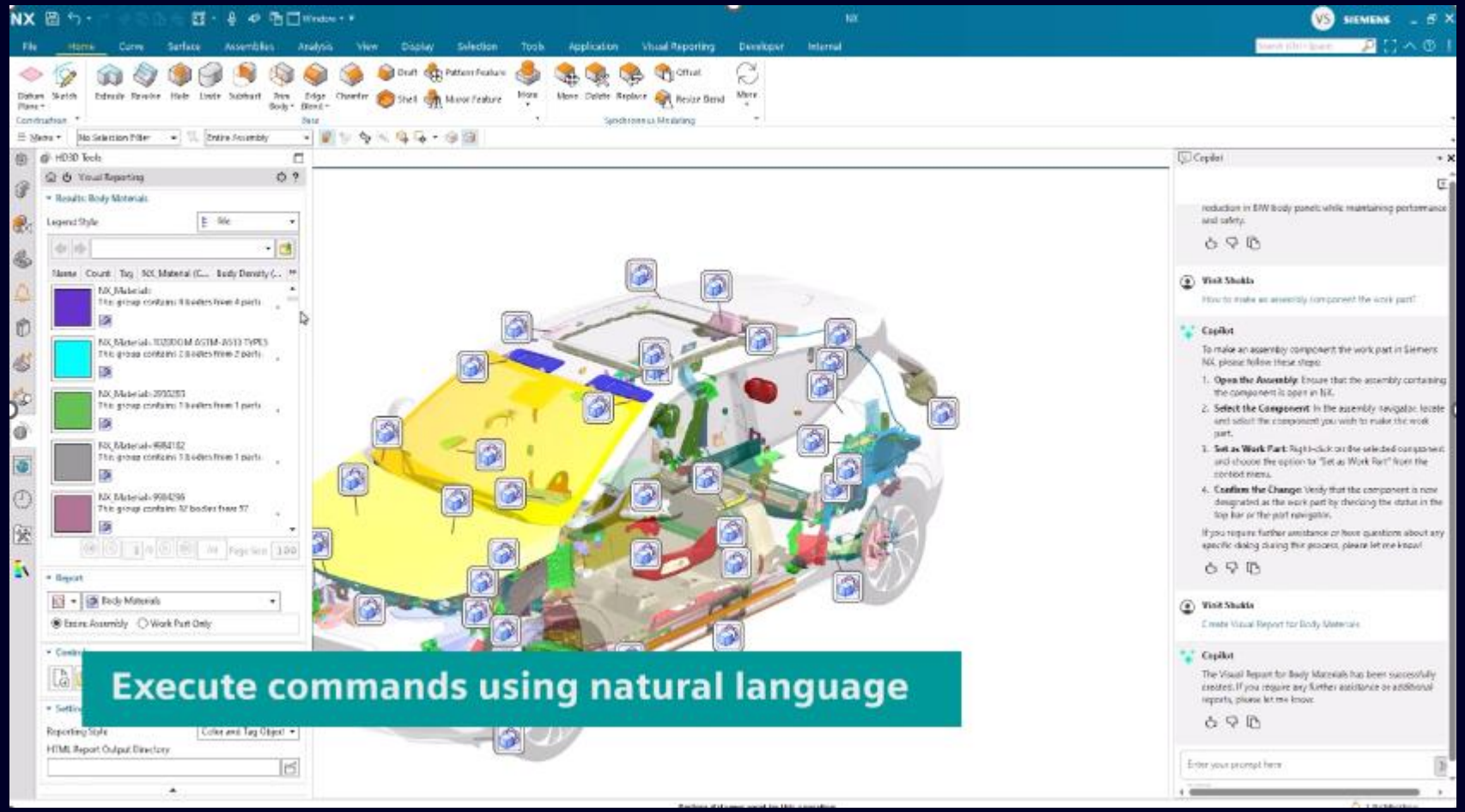

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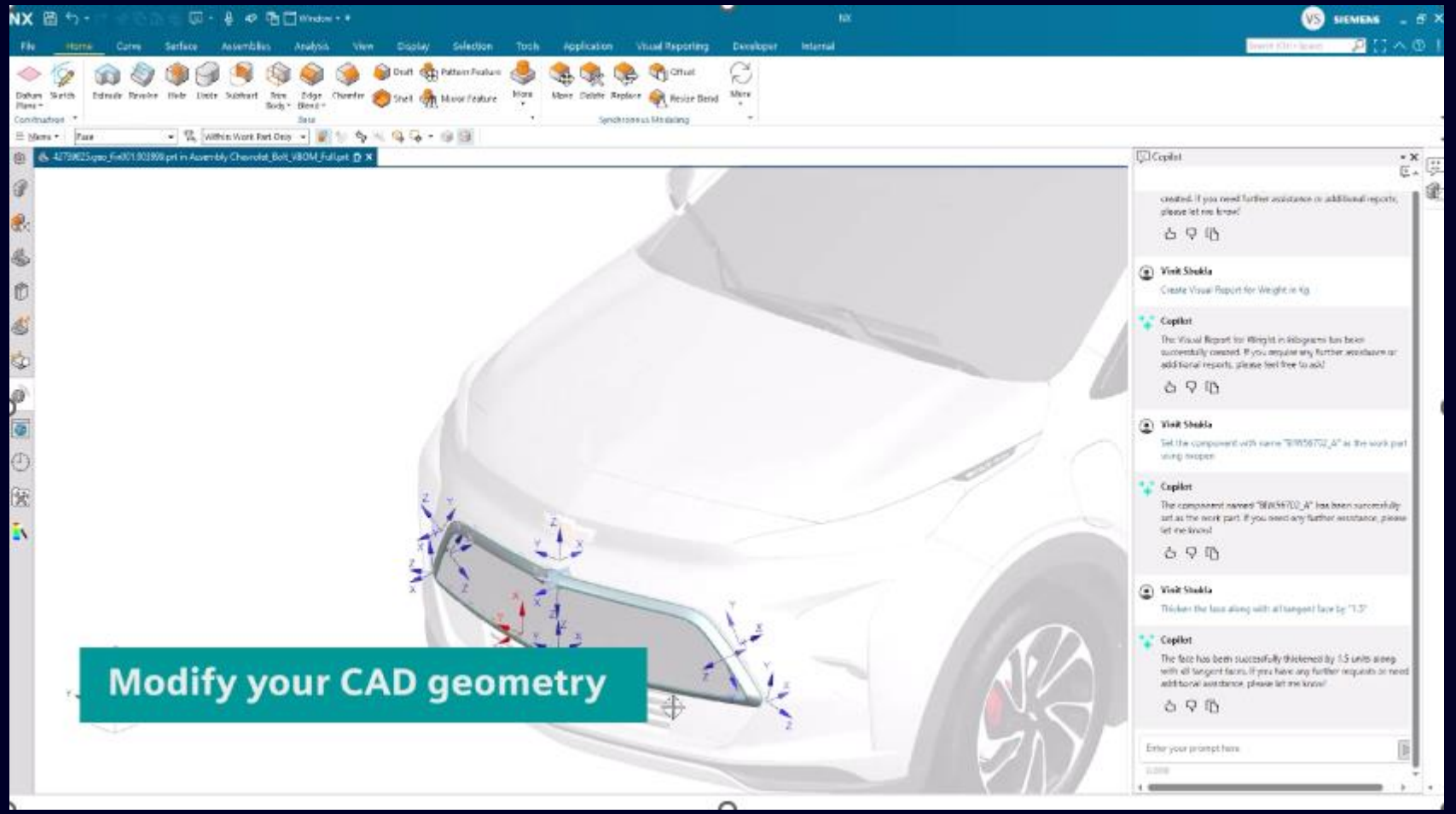

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Kiitos!

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