EPF Chatbot: Unlocking Engineering Knowledge at FEV

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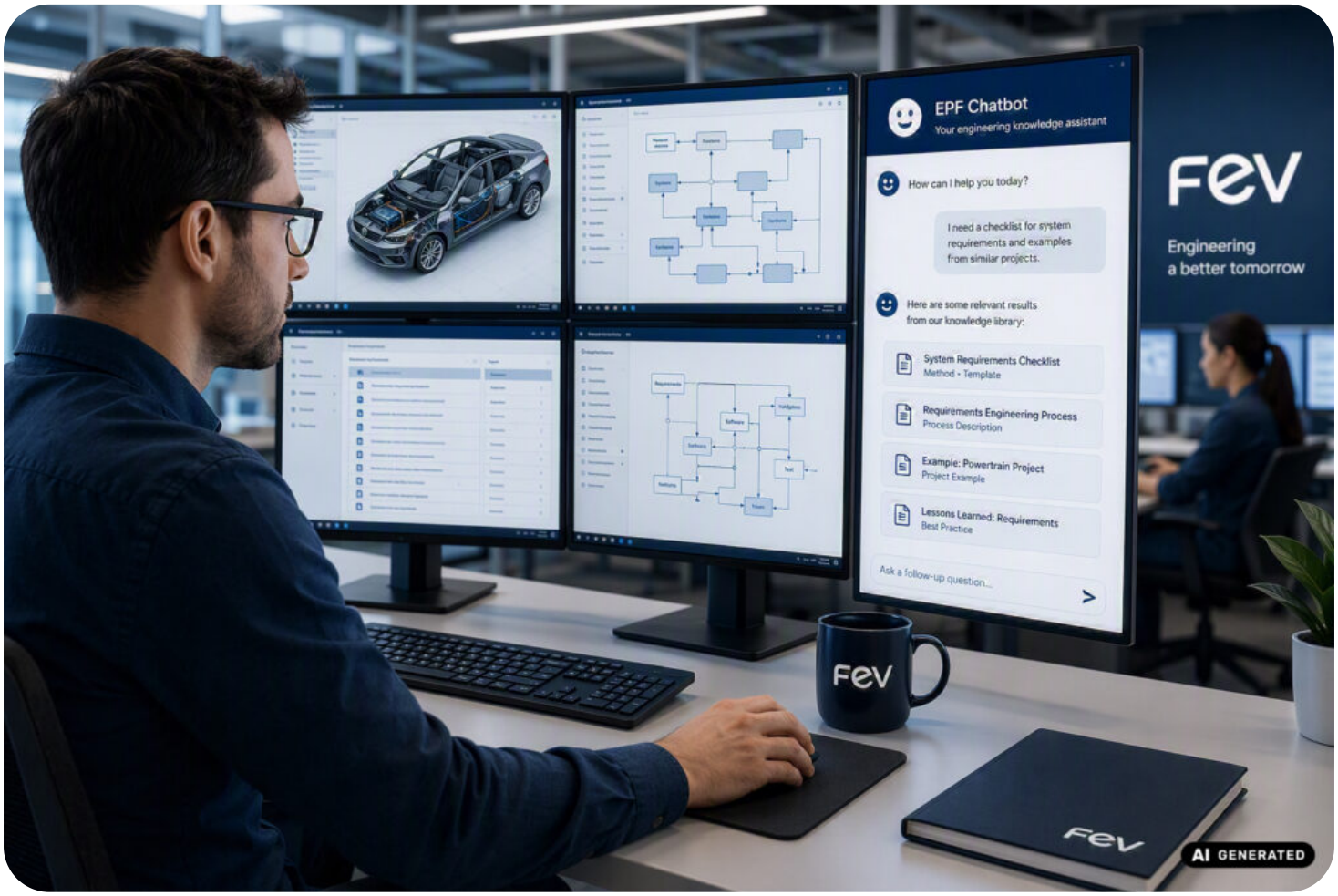

Introducing the EPF Chatbot: Discover how our new AI-powered assistant is unlocking engineering knowledge across FEV.

Engineering Faster Through Smarter Knowledge Reuse

Engineering organisations generate vast amounts of valuable knowledge every day. Project deliverables, lessons learned, methods, templates, and best practices all represent experience that can accelerate future work. Yet as organisations grow, finding and reusing this knowledge becomes increasingly challenging.

As competition intensifies and development cycles shorten, engineering organisations must deliver more with less. Valuable expertise already exists within the enterprise; the challenge is making it accessible. Engineers should be empowered to build on existing knowledge rather than spend time searching for it.

High-quality knowledge and structured data are also the foundation for successful AI applications. Without reliable and well-organised information, even the most advanced AI solutions cannot deliver meaningful results. To address this challenge, FEV introduced the EPF Chatbot as an interactive solution for accessing and reusing engineering knowledge across the organisation.

Figure 1: The FEV EPF Chatbot engineering knowledge ecosystem

Combining EPF, the Knowledge Library and Conversational AI

The EPF Chatbot builds on FEV's Engineering Process Framework (EPF) and the EPF Knowledge Library. The EPF provides standardised processes, methods, templates, and guidance, while the Knowledge Library captures engineering artefacts, lessons learned, and internal knowledge accumulated across numerous domains.

Acting as an intuitive access layer on top of this structured knowledge landscape, the chatbot enables users to discover relevant information through natural language interactions. It is also part of a broader AI ecosystem at FEV, where AI-based solutions offered through the FEV GenAI Hub leverage the knowledge and data foundation provided by EPF and the Knowledge Library.

From Information Retrieval to Knowledge Assistance

The EPF Chatbot goes beyond traditional keyword searches. By applying conversational AI and reasoning capabilities, it can interpret user intent and help identify knowledge relevant to a specific engineering context. Whether users are searching for process guidance, reusable artefacts, examples, or lessons learned, the chatbot helps connect them with expertise across the enterprise.

By reducing search effort, accelerating onboarding, and promoting knowledge reuse, the EPF Chatbot helps engineers focus on delivering innovative solutions for customers. At the same time, it demonstrates how structured processes and high-quality knowledge can create the foundation for successful AI adoption. FEV brings this expertise to its customers, helping organisations establish the knowledge and process ecosystems needed to unlock the full potential of AI and digital engineering.

Interested in how a structured knowledge and AI strategy could benefit your organisation? Contact us at solutions@fev.io.