



Eneon Energizes Configurability and Scalability of Its Battery Energy Storage System Solution Development with Jama Connect®

About Eneon

Eneon designs, engineers, and integrates premium Battery Energy Storage System (BESS) solutions for its customers through its engineering expertise and its parent USCE's extensive corporate partnerships to drive meaningful impact across the clean energy transition.

“***With Jama Connect, you can know what you don't know. Until you capture each stakeholder requirement and then flesh it out down to the system and subsystem level, you don't realize how many things you may be missing.*** - Mike Cook, Director of Controls Automation, Eneon

Customer Story Overview

Eneon develops customized energy storage configurations of products that last 10-20 years and are built from commercial-off-the-shelf (COTS) parts and its own software typically with 25% unique customer requirements. The controls automation software and hardware design engineering teams recognized that Excel lacked the power to support the transition from an integrating services project-based company to a product-centric company with a platform-enabled approach that allows for an overall controls platform and modular hardware platforms to be quickly put together and deployed.

Eneon chose Jama Connect over Visure and other requirements management solutions based on Jama Connect's superior cloud performance, bidirectional reuse and sync of requirements, and unlimited reviewer licenses for internal and external stakeholders.

With Jama Connect, Eneon has successfully future-proofed its development lifecycle to ensure compliance with UL 9540 safety standards and state and local fire safety codes, accelerate product development, and streamline customer input.

“ ***Jama Connect has a feature called reuse-and-sync that enables us to copy stakeholder requirements from a main project to a new project, which was critical for us. If it had been missing, it would have been a no-go.*** - Mike Cook, Director of Controls Automation, Eneon

Challenges

- **Managing customer requirements in Excel** involved a manual, time-intensive line-by-line review of each item that didn't scale.
- **Hardware and controls automation teams operating in silos** reliant on information communication and without a unified system to manage and trace requirements across both disciplines resulted in documentation gaps with no clear audit trail from stakeholder requirements through to verification and validation.
- **Lack of structured way to manage** the 75% shared and 25% unique customer requirements across projects.

As a lean start-up, Eneon's teams used Excel to capture customer requirements and ensure that the solution to be delivered was what was stipulated in the contract. As the company started scaling its operations, it recognized that it needed more mature development tools and processes to ensure timely delivery and strict compliance with UL9540 standards and other safety codes.

“ ***Jama Software's web hosting was the differentiator in the end. We weren't going to host it. We're a distributed company, and having everyone on a VPN isn't the way we operate.*** - Mike Cook, Director of Controls Automation, Eneon

Evaluation

- **Reliable, user-friendly hosted experience** for a distributed user base.
- **Ability to create new product configurations** based on common stakeholder requirements, then adding what's unique.
- **Allow customers to provide critical input** and review requirements.

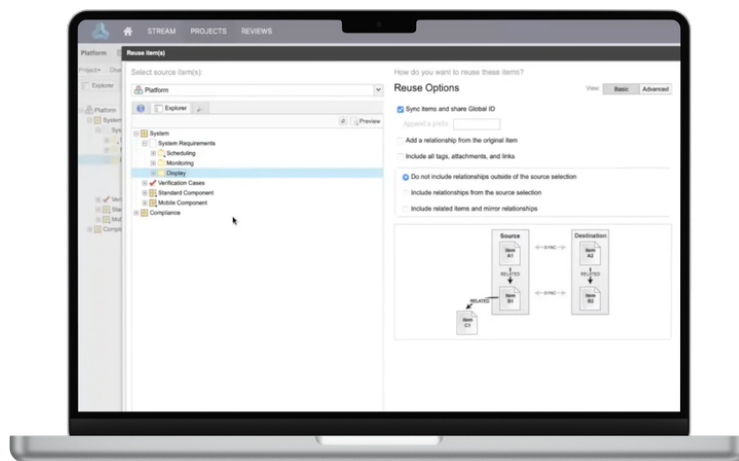
After evaluating several requirements management solutions including Visure, Eneon chose Jama Connect because of its superior cloud performance and error-free operation, bidirectional reuse and sync of shared and unique requirements across projects, and unlimited reviewer licenses for internal and external stakeholders who can access the same shared project, participate in chats, and review requirements.

Outcomes

- **Quick creation of new product configuration**, using the Jama Connect feature reuse-and-sync, to copy main project's stakeholder requirements, then deciding what's unique for the new project, and what should be pushed back to the main project.
- **Identifying gaps by breaking down requirements** into sub-requirements and ensuring end-to-end coverage throughout development to uncover what might be missing.
- **Easy access for solar developers and other customers** to shared projects and chats to view, review and provide feedback on their configurations.

“*The real winner for us is the cloud feature of having a project that can be shared and marking a chat as public so other people can chime in and ask questions. It works really well when we're all in the same chat.* - Mike Cook, Director of Controls Automation, Eneon

Jama Software consultants helped Eneon achieve success with their adoption of Jama Connect by providing training, a sanity check on what the team built, and tips and tricks related to reuse-and-sync and other areas.



Learn How Engineering Teams Develop Energy Systems Faster with Jama Connect

ABOUT JAMA SOFTWARE

Jama Software is focused on accelerating product velocity with AI-driven development across multidisciplinary engineering organizations. Using Jama Connect, engineering organizations can now adopt AI-driven development while intelligently managing the complexity and compliance of parallel development, automated pipelines, and industry standards. Our rapidly growing customer base spans aerospace & defense, automotive, medtech & life sciences, semiconductor, industrial manufacturing, consumer electronics, infrastructure, robotics, and energy. For more information about Jama Connect services, please visit www.jamasoftware.com.