

## Customer Testimonial



**Jérémy Carrion is responsible for the AI and data valuation portfolio at EDF - Technical Direction of Engineering and New Nuclear Projects (DIPNN/DT). In 2023, as part of the engineering technical repositories transformation project, he conducted a detailed evaluation of Semios.**

*What were the motivations behind the project?*

Initially, the goal was to enhance efficiency in our technical specifications by transforming our repositories to the format of engineering requirements. This led us to consider how to professionalize our agents in writing "good" requirements. The volumes to be processed are substantial: several tens of thousands of requirements! Additionally, the tooling is significant: since 2018, we have been using Product Lifecycle Management (PLM) and requirements quality softwares. In 2022, we decided to reassess our methods, including evaluating Semios.

*What stands out most from the Semios evaluation?*

The major differentiator of Semios is its **flexibility**, the ability to adapt the tool, and finely "tune" it according to the needs and analysis rules we wanted to implement. It was easy and quick to obtain these customizations from the Semios team, with **great responsiveness**, on a weekly basis. For example, the ability to detect quantities without units or analyze our acronyms.

We also appreciated that the tool is natively in French, which is well taken into account. For instance, we avoid negations in requirements, and Semios is very effective in detecting them.

*What other insights did you gain from this project?*

We received a **critical look** by Semios and its partner Axone regarding our **engineering practices**: being challenged on our rules is useful, especially since we hadn't done it for a while.

Another differentiator of Semios is that it can be offered as a **white-label solution**; we can integrate the Semios engine into a third-party application via an API, for example, one developed in-house. Not all our projects use the PLM tool; some may choose Word or a different production chain. Especially in our R&D, we create AI models for requirement reformulation. Semios could be used to evaluate what the model produces.

Finally, the team's listening and availability were excellent; the combination of Semios + Axone works well.



*What are your main motivations for improving requirement quality?*

Our repositories impact all EDF projects, so the impact of requirement quality is multiplied. Our approach is that quality is non-negotiable because it will have repercussions on everything that is produced.

Moreover, our repositories are produced by several hundred people; quality rules bring homogeneity to what is written, avoiding the authorship effect.

*What is the impact of a tool like Semios?*

**Productivity**, which is linked to both the support for writers and the review of produced requirements. Without tooling, the required volume of coaching would be much higher, and the number of requirements reviewed per day would be much lower, easily by a factor of 2.

*What have you noted in Semios' roadmap?*

The introduction of **generative AI**, especially for assistance in **reformulations**. This could help, for example, my colleagues in R&D to compare the results with what they have produced with their approach.

Furthermore, the new integration of Semios into Office 365 is essential to deploy it easily across the organization.

