semios.ai

Partner testimonial

Cyril Rodriguez is a Portfolio Development Executive for Siemens' ALM Polarion™, part of the Siemens Xcelerator portfolio of industry software, integrated with Semios since 2021. Passionate about system engineering modernization for a long time, he testifies to our common experience.

What does modernizing system engineering mean to you ?
This issue has been driving me for a long time: finding solutions to increase productivity and efficiency through better processes, methods, and tools. This includes measuring the quality of requirements, introducing KPIs on this issue, and tools that help improve it.

What combined value does Siemens' Polarion portfolio + Semios bring ?
In one word, **efficiency**. Polarion enables you to master the complexity of system engineering in a simple and accessible repository for everyone, while Semios adds intelligence to the managed data. The teams we meet are often constrained by time and allocated resources, the Polarion-Semios technological duo helps customers to save time and money by measuring and diagnosing quality issues with requirements. It is a genuine **innovation catalyst**.

In particular, Semios is very useful in setting up a product line management strategy. Semios automatically identifies **duplicate or similar requirements**, engineers can focus on truly specific and new requirements, and the company can capitalize on a common catalog, a common repository of requirements. This results in significant gains in **project time**, **responsiveness** to calls for tenders, as well as **maintenance gains** in successive project or product line evolutions.

Another example: **contradictions between requirements** can generate delays and significant costs downstream in projects when detected, such as much more serious operational incidents in the opposite case. Semios automatically detects them, in a nearly exhaustive manner – regardless of the volume of data – something that never happens with traditional reviews.
Overall, Semios, when associated with Polarion, assists customers to streamline the requirements catalog, thus helping to gain efficiency across projects and product lines, with a management solution that enables control over the Cost-Quality-Time triad.

Solution
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Digital Industries
Software

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What does Semios specifically bring to Polarion users ?
- Firstly, its **user interface is highly integrated** into Polarion, making it easily accessible to users.
- Secondly, **the team's responsiveness is high**: I have observed deployments in fifteen days, which is very fast!
- What I also appreciate about Semios is that its diagnostics do not constrain the engineer; they advise, suggest how to proceed, and propose reformulations – it's **the 'small voice' that assists with elegance**.
- Finally, regarding the Semios team, I observe that they listen to both quality experts and writers, **always making suggestions** while allowing freedom of expression and creativity for the writers. This is facilitated by their strong expertise in Natural Language Processing (NLP) and their ability to understand the writing culture of a new client.

What major point do you remember from the Semios roadmap?
The new and very promising feature of **reformulating** a requirement. Semios relies on a secure generative AI to propose an optimal formulation to the writer, which capitalizes on the original writing and on Semios framing rules.