Integrate IBM Engineering Requirements Management DOORS Next with Ansys Minerva to unlock innovation & drive efficiency

In today's fast-paced, innovation-driven world, managing product requirements in isolation is no longer an option. By seamlessly integrating a Requirement Management system into your PLM system, you can transform the way your teams collaborate, innovate, and deliver high-quality products – faster than ever.

Why integrate?

Seamless end-to-end traceability

With an integration, all requirements are connected to the simulation models and results that validate them. This ensures complete transparency from system definition to physical behavior. Teams gain confidence knowing that every requirement has been considered and tested.

Accelerated validation & verification

A key benefit of simulations is that they can be used to automatically check whether design specifications and system requirements are met. This closes the gap between conceptual design and physical performance. Faster validation means faster iterations and higher quality results.

Smarter collaboration across disciplines

By bringing together system engineers, simulation analysts and product managers on the basis of a common data source, an integration helps to improve communication, reduce errors and speed up decision-making processes. Everyone shares the same goals and how well they are achieved.

The solution

Lay the foundation for digital twin and smart manufacturing strategies by ensuring that product performance in the field matches the original specifications.

Integrating DOORS Next with Minerva using XPLM's **integration technology** is a strategic move that gains your business the competitive edge needed to innovate faster, reduce costs, and deliver superior products. The future of product development is connected – don't get left behind.

EFFICIENCY	CONSISTENCY	COMPLIANCE
■ Always access up-to-date information ■ Perform agile, cross-domain development	■ Grant constantly high data quality ■ Minimize risk of errors	■ Retain compliance and standards ■ Ensure auditable processes

Integration features

The integration of DOORS Next achieves complete traceability of your product related documents by integrating them into your business processes managed by Minerva.

FEATURE	FUNCTIONALITY	YOUR BENEFITS
Requirement linking	Connect DOORS Next requirements easily with Minerva work requests.	Improves traceability and ensures consistency between design requirements and actual components, reducing errors and miscommunication.
Requirement creation and update	Create or update copies of DOORS Next requirements in Minerva directly from within DOORS Next.	Saves time through seamless requirements management without changing platforms and ensures up-to-date information.
Back-linking to DOORS Next	Navigate from Minerva to the corresponding requirements in DOORS Next.	Improves transparency and consistency in product development by maintaining close links between requirements and simulation elements.
Change notification management	Highlight potential inconsistencies, outdated requirements, or suspect states in linked objects.	Reduces risk by proactively identifying issues before they impact development, ensuring compliance and quality.
Actual DOORS Next data availability	Retrieve and present real-time requirement data in DOORS Next from within Minerva.	Ensures access to the most recent requirement information, improving decision-making and reducing version conflicts.
Requirements navigation	Directly access and review requirements stored in DOORS Next from within Minerva.	Optimizes workflows by eliminating the need for manual searches, increasing efficiency and productivity.
Link removal	Remove unnecessary or outdated links between requirements and simulation tasks.	Maintains data integrity and ensures that only relevant and valid request links are retained in the system.

From requirements to reality: Integrate DOORS Next seamlessly with Minerva!

Scan this QR code for all Minerva integrations

ABOUT US
XPLM is a global solution provider specializing in the integration of applications, processes, and data for industrial companies. With our unique portfolio, we connect leading PLM and engineering systems to help our customers bring products to market faster and more successfully.

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