Integrate PTC Onshape with Aras Innovator to enhance product development efficiency

Integrating MCAD tools with PLM systems is a strategic move that can significantly increase the efficiency and effectiveness in product development processes. Integrations bridge the gap between design and management, enabling seamless collaboration, greater data accuracy and better decision-making throughout the product lifecycle.

Why integrate?

Streamlined data management

With an integration, a unified environment where all CAD design data is managed in a single system is created. This reduces the risk of data discrepancies, ensures that all stakeholders have access to the most up-to-date information and eliminates the need for manual data transfers between systems.

Improved collaboration & efficiency

A key benefit of an integration is improved collaboration between teams. Designers, engineers and other stakeholders can work on the same data set simultaneously, facilitating real-time updates and shortening the time to market for a product. This collaboration is particularly valuable in global companies where teams may be spread across different locations.

Increased efficiency & productivity

By automating workflows and reducing manual data processing, an integration streamlines the entire design and development process. Designers can focus more on innovation than administrative tasks, resulting in faster design cycles and shorter time-to-market.

The solution

Integrating Onshape with Innovator using XPLM's **Integration Platform** is a powerful strategy for optimizing product development processes. It not only improves data accuracy and collaboration, but also provides a more streamlined and efficient approach to managing the entire product lifecycle.

As companies continue to face pressure to innovate and shorten time to market, this integration is becoming an essential component of a modern, agile product development strategy.

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

XPLM's **Integration Platform** achieves complete traceability of your product development processes by integrating Onshape design data into your business processes managed by Innovator.

FEATURE	FUNCTIONALITY	YOUR BENEFITS
Seamless integration in native CAD UI	Control all integration functionalities from Onshape.	Standardize your interaction with Innovator.
Part and BOM management	Store and update the complete list of used components in your design in Innovator.	Prevent manual work by deriving the engineering BOM from the CAD structure by respecting existing business rules.
Concurrent engineering	Get full traceability in Innovator directly from Onshape.	Interact with other stakeholder by using the on-line discussion panel, markup capabilities and object reservation handling.
Design data retrieval from Onshape	View design data directly from Innovator.	Always view the correct design data and remove manual work through automated data exchange processes.
Property exchange	Exchange meta information bi-directional between Onshape and Innovator.	Eliminate the need for manual data entry and reduce the time and effort required to update information in Onshape and Innovator.
Automatic viewable generation	Select the outputs needed for exchange with other disciplines.	Reduce time and effort with standardized and automated creation of generic files and documentation when saving to Innovator

Unite design and management to drive your innovation with XPLM's Onshape-Innovator integration!

Scan this QR code for all Innovator 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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