3S ENOVIA

PRODUCT RELEASE ENGINEER

OBJECTIVE

Product Release Engineer leverages the engineering definition of a product from early stage to the final validation and release to production, in collaboration with multi-discipline designers that will implement the engineering definition. The process can be governed by a formal change process to track changes and improve operational efficiencies.

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OVERVIEW

Product Release Engineer manages the engineering definition of a product from early definition to the final validation and release to production, in collaboration with multi-discipline designers.

It provides a set of tools to simplify the product definition and reduce low value-added tasks through carry-over methodologies that maximize data reuse, content edition and part number definition and ownership allocation to the right disciplines, while using a lean and fitted user experience that is easy to use and mobile ready.

CAPABILITIES

Engineering Item Dashboard

Instant access to engineering items owned by the user that can be narrowed down to the desired items, thus reducing the non-added value time to quickly find the engineering item(s) of interest.

Advanced product definition initiation

Includes duplication, re-use or exclusion of existing product definitions. Reduces the time required to create / initialize a new product.

Part number definition

Part number, usually handed off to other downstream applications such as ERP, is defined for the engineering item according to corporate standards. This ensures the right definition early in the process.

Content edition (create, update, replace) and lifecycle maturity

Real-time product definition that keeps the product up to date. Engineering item release as a preparation to production, mainly for long lead items that require early release for manufacturing / purchasing / procurement purposes. Engineering item revisioning, to ensure the company follows Form-Fit-Function methodologies

Ownership allocation of the engineering items

Responsibility assignment that ensures the right person is allocated to the right engineering item(s).

Smart data organization

To minimize complexity and increase data control by applying several ontologies on the item list such as "grouping by attribute"

3D Visualization and cross highlighting

Visualize the 3D product structure and cross highlight the corresponding engineering items to validate the engineering item design and engineering content.

Export engineering definition to Excel

For Internal or external reuse or for other organizations.

Work under change action

Formal change/release process to track modifications and maturity changes.

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