



Minerva Products Release

Minerva PLM 12.0

POWERED BY ARAS

for Aras Innovator 12 SP9

Release Notes

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Aras Innovator Version Support

Minerva PLM 12.0 Powered By Aras is supported on Aras Innovator Version 12 Service Pack 9.

Minerva PLM 12.0 Powered By Aras is expected to also work without issues on other service packs of Aras Innovator 12 than mentioned above, but they are not supported in this 12.0 release.

All other compatibilities (Browsers, Operating Systems, etc.) are as per Aras Innovator Version 12 Service Pack 9.

Minerva PLM 12.0 Powered By Aras

Minerva PLM 12.0 Powered By Aras is a new product that combines our existing solutions for Minerva Medical Device and Electronic PLM. Minerva PLM Powered By Aras also contains new features regarding Product Engineering and System Settings.

New Features

The following are new features in Minerva PLM 12.0 Powered By Aras:

- Reset Minor Revise on the copy of part
- Risk assessment- On Controls the mitigated harms are displayed, and on Harms, the controls that prevent it are displayed

Product Engineering & configuration

- Product State "Preliminary" is renamed to "Early Design"
- On the creation of an ECO on an item, a check is performed. If the affected item exists on another ECO (with state 'In Work' or 'In Review') a warning message appears.
- Add dynamic assignments (Recipients) to the different ECO workflow steps
- On the DCO, the 'Interchangeable flag' is automatically set on documents that are being revised
- On the PR 'Item Type' the field affected items is removed and replaced by a relationship (on the PR, affected item lines can be multi-selected)
- The menu "Product" is removed from the TOC
- The ECR workflow is changed
- The ECR layout is improved
- The modules "Deviation" and "Waivers" are removed from the installation packages
- The possibility to add documents (only selected document types) to a released part without changing the revision of the part
- BOM indicator added to the part form
- Non Versioned Controlled Document Classifications: Define types/classifications of documents that can be added to released parts without a change order.

System settings

The following system settings (Minerva Rules) have been added with the option 'Allow', 'Warning', and 'Disallow'.

- **Allow child maturity lower than "Volume To Production"**: With the system setting, it is possible to allow, disallow or add a warning, if you try to release a part to production state 'Volume Production', if the part's BOM contains parts with a lower production state.
- **Obsolete part used in BOM**: With the system setting, it is possible to allow, disallow or add a warning, if you try to select the production state 'Obsolete' on a part that is used on a BOM.

- **Select obsolete part in BOM:** With the system setting, it is possible to allow, disallow or add a warning, if you try to add a part with the state 'Obsolete' to the BOM.
- **Releasing part with unreleased BOM:** is possible to allow, disallow or add a warning, if you try to released a part with unreleased BOM
- **Releasing part with unreleased CAD Document:** possible to allow, disallow or add a warning, if you try to released a part with unreleased CAD Document
- **Releasing part with unreleased Document:** possible to allow, disallow or add a warning, if you try to released a part with unreleased Documents
- **Old Part BOM:** You can add different part classification types. For each classification type, you can decide if it should be allowed or not to add older revisions of parts to the BOM of a part with this classification type.
- **Production State Change:** It can be configured if it is allowed (allow, warning, disallow) to change the production state of parts to certain states if the part is added to a BOM.
- **Production State Selection:** It can be configured if it is allowed (allow, warning, disallow) to add a part to a BOM if the part has a certain Production state

Fixed Issues

Issue no.	Description
MS-1170	Wrong version of BOM after express ECO change order
MS-1120	Error message when closing the window of an "in edit" item
MS-1205	Documents are not displayed on the Express ECO- "Impact Matrix" tab
MS-1218	Problem when I open a part item from a project (link to the previous version of part)
MS-1249	Problem with External Partner approval
MS-1255	Cannot create MDV Export
MS-1276	X-properties are not copied when the deliverable is instantiated
MS-1204	Problem with 'Edit Released Items' properties are not displayed
MS-1243	Cannot release a part with not released Risk Assessment
MS-1204	Problem with 'Edit Released Items'- properties are not displayed
MS-1250	Missing error message from 'Edit Released Items'

MS-1298	BOM not displayed on Impact Matrix
MS-1232	Item type (select deliverable template) is displayed with its GUID instead of name

Known issues

Issue no.	Description
MS-1295	Cannot copy/paste deliverables in the Project template, if the deliverable template contains a 'Type/classification'
MS-996	The Production State 'Early Design' is not renamed on the Impact Matrix (Express ECO)
MS-1239	Drag & drop of parent phases in project templates/projects doesn't work
MS-911	The error "The grid is too small" appears on Risk Assessment. Workaround: Press Refresh
MS-1279	It is not possible to edit or create new Risk Assessments, on a part while it is in the 'Released' state
MS-1262	'Assigned Creator' are not copied to deliverables on instantiation
MS-1154	Permission set created to External Partner doesn't work
MS-1126	Deliverable on project refers to the wrong version if you press "Save" before "Refresh" in the tree grid. Workaround: If changes are made to a deliverable item, press "Refresh" in the Deliverables matrix Tree grid, before you press "save".
MS-1280	System setting 'Release with unreleased BOM/CAD Doc /Doc': Warning doesn't work
MS-1221	Recipient tab on Express ECO, doesn't look at the production state of the part