



Minerva Products Release

Minerva Solution 12.0.0

for Aras Innovator 12 SP6

Release Notes

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Aras Innovator Version Support

Minerva Solution 12.0.0 is supported on Aras Innovator Version 12 Service Pack 6. The Minerva Solution can also work on Aras 11 SP15 and Aras 12 SP0-5.

All other compatibilities (Browsers, Operating Systems, etc.) are as per Aras Innovator Version 12 Service Pack 6.

Minerva Solution 12.0.0

Minerva Solution 12.0.0 is a new product that will replace our Minerva Medical Device Solution. Minerva Solutions contains both rebuilt/improved features from the former Minerva Medical Device Solution and brand new features.

When upgrading to Minerva Solution

For existing customers who upgrade to Minerva Solutions, the new and the rebuilt features are added to your existing solution. The "Old" features regarding Project Management, Deliverable Matrix, and Templates will still exist in your solution. Existing data from the old features will not be migrated to the new features, so executed and active projects are still located in the known modules. Projects which aren't finished must be finished there. New projects can be started in the new and improved modules. Templates are not migrated to the new modules and must be created there before use.

New Features

The following are new features in Minerva Solution 12.0.0

Risk Management

- Add attachments regarding risks (e.g. documents, problem reports, FMEAs) on a part/device in the new "Risks" tab

Risk assessment

- Risk assessment on parts with the calculation of risk values based on the 'Severity' numbers and a number for 'Probability'
- Views with information regarding the four areas: 'Hazard', 'Harm', 'Control' (prevention and detection) and 'Recommendation' (actions planned or taken)
- Recalculation of risk value if the number for severity or probability have changed
- Attachments (poly items) like documentation, problem reports, etc. can be added to the Risk Assessments and Risk Assessment elements.
- Once a Risk Assessment has been released, changes are controlled through change management
- 'Harm'/'Hazards' and 'Controls'/'Recommendation' are displayed on a userfriendly graph.
- It is possible to connect multiple harms to one control, and multiple controls to one harm

Rebuilt/Improved Features

The following are rebuilt features in Minerva Solution 12.0:

Project Management

- Views with "Deliverables Matrix", "DHF", "DMR", and "Change Management" are displayed directly on the project
- Project Template with phases includes dates to keep track of the expected length of each phase
- The end date of a project is automatically updated from the end date of the last phase of the project

- New identities with different permissions are connected to projects: MDS User, MDS Manager, MDS Admin.
- View with all change orders connected to the project
- Create new change orders quickly directly from the change order view
- Vote change orders to the next step directly from the Change Order view

Deliverable Management

- Deliverables Matrix rebuilt in a very userfriendly and “less click demanding” way with instantiation options, closing rules, etc.
- Actions connected to deliverables with the closing rule ‘By Action Items’ are displayed directly on the deliverables Matrix
- Tooltips in the Deliverables Matrix with information regarding the phases, deliverables, actions to do, etc.
- The option to inactivate deliverables in a project. Choose to hide or display the inactivated lines
- Improved performance of the Deliverables matrix.
- Tree grid view with advanced filter options and the option to export filtered data as XLSX, XLS, and CSV file
- Drag & drop functionality in the Deliverables Matrix
- Different icons for phases, child-phases, and deliverables to secure an easy overview of the content of the deliverables matrix.
- Planned Due Dates are automatically added to deliverables when the project is created (The end-date of a phase is added as planned due date on all deliverables within the phase).
- Different ‘Due Date’ day behavior for deliverables and phases. A different time can be set for when the ‘Due Date’ day should start. By default, the ‘Due Date’ day starts in the morning for deliverables (except those with the closing rule ‘By Gate Review’) and in the evening for phases and deliverables with the closing rule ‘By Gate Review’.
- Health Status (‘On Track’, ‘Need Attention’, and ‘Off Track’) is automatically updated when the deliverables matrix is opened.
- Merge phases with child-phases and deliverables
- When reuse of a deliverable with the closing rule ‘By Deliverable Release’, the reused deliverable will automatically be closed when the line is activated, if the closing rule is again ‘By Deliverable Release’.
- Closing Rule ‘By Target Status’ execute a deliverable line, when the state of the deliverable item reaches the state added in the column “Target Status”
- A related item can be attached to multiple selected deliverable lines in one work step

DHF/DMR Structures (Tag Books)

- Improved DHF & DMR templates.
- The Tag Books can be configured for the use of other structures like Technical Files
- Drag & drop functionality makes the creation of templates quicker.
- The templates are versioned and every change in the template will generate a new version. The old version can always be retrieved.
- Improved display of the DHF & DMR in the Project
- The option to display inactivated deliverables on the DHF and DMR view
- DHF/DMR view is implemented on “Parts”

Known issues

Issue no.	Description
MS-1080	Possible to close a phase with not closed deliverables
MS-1079	Problem with copy of a Tag Book Template
MS-1078	DHF category disappears on deliverables if one deliverable with that category is changed
MS-1077	DHF/DMR category duplicate when copy/paste of a deliverable line
MS-1075	A problem when there are several actions on one deliverable line
MS-1036	Closing action items before instantiating causes a problem