SWOOD 2022 SP0 - Release notes

SWOOD Design

- **Generality:** Custom Property changed on part post rebuild event.
- **Generality:** New possibility to show file description in frame, SWOODBox and panel treeview. The option is available in the settings menu and saved in registry.
- **Generality:** Low performance on assembly when SWOODBox edition (SR-3259).
- **Generality:** FeatureManager freezed after SWOODBox modification (SR-3314).
- **Generality:** Confirm/close the PDM copy window using keyboard (SR-2896).
- **Generality:** API issue during edgebands importation (SR-3361).
- **Generality:** Texture on multibody panel. To be consistent in the result of alignement the texture mapping is moved to "Projection". This new behaviour is activated by default, the value of the following settings is true by default. The value"0" in SWOODDesign.cfg allow us to avoid the modification of the texture (same behaviour than prevously) (SR-3311). The option is available in "debug mode" in SWOOD Design settings.
- **Generality:** New possibility to define the visibility and location of a "Description" column in the EPDM Copier grid.
- **Connectors:** Few connectors performance optimization. Need to be activated in the SWOODDesign.cfg.
- **Connectors:** Custom Connector 3D body not loaded if PrefY=bottom (SR-1785).
- **Connectors:** Connector on multibody : hole propagation to other bodies (SR-1917).
- **Connectors:** Failure to recognise milled holes (connectors) in the drawing (SR-550).
- **Connectors**: New option to include edgeband thickness in interference computation. Parameter "Merge edgebands in contact by default" to active in SWOOD Design settings. (SR-1461/1798/2102/2354/ 3063/3190).
- **Edgeband:** Inserting an edge band on two sides of a multi-panel makes the body of the side disappear (SR-799).
- **Edgeband:** Issue with the command "New edgeband" (SR-2579).
- **Material:** Materials insertion issue with Italian language (SR-3244).
- **Panel:** Panel insertion Position UNKNOW : No drop down list visible (SR-3338).
- **Panel:** Inserting a panel after changing PDM user, checked out the file with Admin user (SR-3277).
- **Panel Manager:** Doesn't respect the X orientation choice : "Minimize Width" (SR-3018).
- **Profiles:** When I select "No" on the message "Failed to create profiling....", the 3D sketch is not deleted (SR-1908).
- **SWOOD Center:** SWOOD Center parameters state updated at each rebuild (SR-2977 & 3207).
- **SWOOD Box:** New possibility to add chamfers on holes generated by SWOODBox. Only apply to sketch driven machinings through the function with both variables "CH_W" (chamfer width) and "CH_A" (chamfer angle).
- **SWOOD Box:** Selecting a swoodbox now highlights it's related components by displaying its edges.
- **SWOOD Box:** SWOODBox machinings not always applied (SR-2988).
- **SWOOD Box:** The list of variables in the script editor in a Swoodbox does not update correctly (SR-3350).
- **SWOOD Box:** Cannot Delete a distance linked to a variable (SR-1918).
- **SWOOD Panels:** Distance in inches is not possible in the new insertion of panel (SR-1812).

SWOOD CAM

- **Generality:** Bad Spanish/Polish translation (SR-3359).
- **Machine:** Vaccum color issue on activation (SR-3384).
- **Machining:** Possibility to change operation parameters inside the library (SR-2874).
- **Machining:** New parameter to link machinings to the library (SR-3146).
- **Machining:** New parameter to add custom property validity in the machining on library (SR-2771).
- **Machining:** Tangential with ramp approach apply the ramp only on first and last path steps (SR-3111).
- **Milling:** New operation "Outline open pocket".
- **Milling:** EnableResumeAngleUsingRadiusCompensation (idoper = 214)
- **Milling:** Longest edge lead-in issue with dissociate Start End (SR-3341).
- **Milling:** Finishing surface steps (SR-412).
- **Milling:** Wrong trajectory with bottom exceeding using contour milling with a saw (SR-2830).
- **Milling:** Mill chamfer using autodrilling recognition with aggregate tool and main head tools (SR-1308).
- **Milling:** Safety position is missing during 5 axis follow milling (SR-3219).

SWOOD CAM Nesting

- o **Generality:** Possibility to nest the stock of panels and laminates (SR-2776/1034).
- o **Generality:** Possibility to nest laminates (SR-1035).
- o **Generality:** New feature to add machinings by default in nesting sheet (SR-3080).
- o **Generality:** Parts name can be replace by number in the result displayed.
- o **Generality:** Nesting Identify project by Color (SR-1767)
- o **Generality:** New milling to contour while staying down (SR-2398).
- o **Generality:** New feature to calculate the position of the label for each part.
- o **Generality:** New feature to insert a part as a filler part.
- o **Generality:** New features concerning Optimal holding *(Automatic for parts attachments/ Manage the order of the cuts/ Optimize lead in/out,/ Take an offset for specific parts)* (SR-1460/2852).
- o **Generality:** Impossible to export Nesting sheet in DXF when SOLIDWORKS is set with French language (SR-3104).
- o **Generality:** Allow to display the name of a custom property instead of the name of the part. (SR-3006-1048)

REPORT

- New type of document "Template".
- New option to remove blank lines after document generation.
- Condition in a CSV file with PROGTPS does not works (SR-3126).
- Export each sheets of a nesting in DXF during the report
- New values available [REPORT_ISUSINGCAM] or [REPORT_ISUSINGDESIGN]
- New Feature : Panel Drawing Document
- Program Image for Part => PPSTOPPICTUREPATH not saved and not read.
- Multibody stock variables in Report: New object has been added for values dedicated to multibody part stocks [ST_MBSTO] and contains the following values.
- Outer profile available in ProgramPart object: Possibility to export Outer shape (polyline) of a program part in a nesting program. This new feature should help us to define nesting labels documents (ex:MAESTRO)
- Part highlighted in report image of nesting report (SR-3025).
- Report WebGL: Additional data in babylon json.