Release States in SmarTeam

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3D and 2D are released using CDD rules
Ready for check (In SmarTeam) – Check – Released (In CDD)

Use cases:
Mechanical designs (Parts or Assemblies) with equipment codes and drawings
Release Design

3D and 2D are released using CDD rules
Ready for check (In SmarTeam) – Check – Released (In CDD)

Use cases:
Mechanical designs (Parts or Assemblies) with equipment codes and drawings

Release of 3Ds in the assembly context
Propagation through the assembly

Use cases:
Release of simplified elements, skeletons, in context of one assembly
Release for Catalog

3D Model for Catalog that represents a validated design.

Use cases:

3Ds corresponding to: Normalized elements (ISO, DIN, …) / Commercial designs / with CDD codes

- External commercial designs
- External according norms

Elements with CDD codes (Flanges)

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Release for Catalog

External commercial designs (Denomination, Seller and Product Reference)
External according norms (Denomination, Norm Reference)
Release for Catalog

Elements with CDD codes (Flanges)

2D is released using CDD rules
Ready for check (In SmarTeam) – Check – Released (In CDD)

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Release for Integration

3D Model that represents a released 3D or 2D design.

Use cases:
- Simplified model of a released element

3D Simplification of a released element
- By CDD lifecycle
- For Catalog
- By propagation in one assembly

3Ds Representations of drawings
- Released in CDD from another tool

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Release for Integration

3Ds representing elements released in CDD from another tool

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New Validations for Integration

Valid for Integration
Integration Baseline
Valid for Integration

Release of 3Ds without drawings

Use Cases:
- Scans
- Objects as built in the tunnel without references

Pre-requisites:
Integration access rights.
Ready for Check OK. (No drawings allowed)
Valid for Integration (rules)

Ready for Check OK
No drawings (Unless they are Released)

1. Owner
2. Checked In
3. In Work or Preliminary
4. Latest revision
5. Linked only one ITEM
6. Up to date
7. The documents that is depending on are in the same level of maturity or more
8. If it has a 2D must have an equipment code defined
9. The document has the new Title Block with the data properly fulfilled.
Valid for Integration (Propagation in assemblies)

**Cannot Set Valid For Integration:**
- Contains drawings without releasing

**Set Valid For Integration:**
- Contains released structures
- 3Ds without drawings + RFC ok

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It is possible to Set Ready For Check in assemblies containing documents in Valid For Integration

The Releaser is the responsible of the validity of the 3D document
Integration Baseline

Preliminary with more traceability

Tag Baseline is possible to cancel when not needed. (Attention: not the preliminary)

Use case:
• Agreement between integration and services independent of the document state.

Pre-requisites:
Integration access rights.
Integration Baseline

**Baseline:**
- **Lifecycle state:** Preliminary.
- **SmarTeam state:** Checked in
- **Tag:** Baseline information

1. Baseline is created from a Top assembly
2. Propagates a preliminary to the components where applicable
   (If they don’t have already a preliminary)
   - In Work → Preliminary
   - Ready For Check
   - Check
   - Released / Released For Catalog / Released For Integration
3. Tag with the introduced message all the affected elements to the baseline
Integration Baseline

Integration structure uses all services as subcomponents. They can have:
- Different lifecycle states
- Different Ownerships

The integration baseline will launch a preliminary in all documents that need to keep the trace.
Its necessary introduce the baseline label that will tag all components of the assembly.
The report will give the list with all tagged components.
Integration Baseline

In each profile card you can see the Baseline tag and the History.
Integration Baseline

It is possible to cancel a Baseline when not needed any more.
Questions?