

# Follow-up of outstanding EN-IM support issues for BE-CEM

Eve Fortescue, Cedric Charrondiere, Ioan Kozsar

5<sup>th</sup> May 2023

# RQF1879029

**Move a set of assets e.g. a crate and its modules from one parent position to another. i.e. in the case of expired functional positions or during dismantling.**

- I. First step: “Dismantle Equipment” button to detach all assets from a Functional Position structure and place in a “buffer location”
- II. **As a second step** the same process could be applied when triggered by an action in Layout i.e. Expire of positions in Layout -> detach all assets and set positions “Hors Service” in InforEAM
  - Feedback from meeting (Feb’ 23):
    - No real solution for this at the moment

# RQF2228393

**Update locations of functional positions to be at the room level instead of the building level, using the data in the temporary field that was completed during publication from Layout.**

- Feedback from last meeting (Feb' 22):
  - Ticket created
  - *Discussion with Sonia – couldn't do it using temporary field, suggested to identify batches of equipment by criteria*
  - *Not possible because hierarchies are mixed, not easy to identify controls equipment*
  - *Rack positions all republished by Pascal*
  - *Eve republished any other electronics not in racks*
  - *Eve updated the egroups and department codes to match Layout, using the uploader.*
  - *Issue closed, but not resolved by CMMS*

# RQF1879050

## Expire Functional Positions in InforEAM from Layout

- **Prerequisite:** Must detach any assets first and put in buffer, as per request #2
- Feedback from last meeting (Feb' 23):
  - Several ideas/discussions on how to implement this
  - Intermediate solution is to have an expiry date field
  - No decision reached

# RQF1879067

## Rename Functional Positions in InforEAM from Layout

- Feedback from last meeting (Feb' 23):
  - Webservice exposed to Layout
  - Access to the function should be limited to layout admins
  - **Action:** In progress on the Layout-side, should have news in february

# RQF1879063

## Generate part in InforEAM from Naming Interface

- Feedback from last meeting (Feb' 23):
  - Intermediate solution proposed: launch create part page with data pre-filled from naming
    - Internal discussion required
    - Development not scheduled
  - **Action:** To be rediscussed with David

# RQF1879073

## Add "Deprecated" status to Parts: CCI Parts have 3 mutually exclusive states: Active, Deprecated or Out of Service

- “Tracking Method” drop-down list reconfigured for this usage
- Not an ideal solution:
  - “Out of Service” status is a checkbox and “Deprecated” is part of a drop-down list
  - The two fields could potentially contradict each other (even though HS overrides deprecated)
- We would have preferred one mutually exclusive status field
- **Action:** To be rediscussed with David

# RQF1879074 / RQF2231250

## Set up stock-level notifications

- For assets: Raise an alert when the number of assets "in stock" is less than 10% of the number of installed assets
- For parts not tracked by asset: set a threshold of 10 units
  - Completed 27/02/2023



# RQF2139577 (5)

## EAM Inventory QR/barcode issues with Kiosk interface

- “Return” button hidden by keyboard
  - Was treated in January sprint
  - Ticket should be closed 3/5/23

# INC3317639

## KIOSK ISSUE/RETURN from search engine

- Search for a part or asset, without scanning a QR code
- Tick the box “Choose”
- Click ISSUE or RETURN ,Employee, NEXT
- The Part Description is displayed but the “Part” is empty
- If I click “ISSUE” / “RETURN” then I have an error message “PartID is a required field”
- Also if clicking anywhere on the line containing the description, the entire page becomes blank
- KIOSK does not copy the Part ID at the same time as the description.
  - Was treated in January sprint.
  - Issue closed 30/3/23

# INC3327338

## Employee ID vs phone number issue

- Kiosk not keeping employee ID in memory when employee ID is the same as a CERN phone number
  - Was treated in January sprint.
  - Issue closed 21/02/2023

# RQF2183001

## Add link to store in GIS in header bar of kiosk

- Not done in January sprint
- No further kiosk sprints planned

# RQF2216482

## Is there a way of transferring assets from one store to another without changing status to “Installed and Maintained”?

- Assets automatically get put into the status “Installed and Maintained”, when they are just being moved between stores
- Skewing our installation statistics.
- Ticket closed: 29/03/23
- Outstanding question about allowing user to select new status when checking out of store, not addressed (i.e. En magasin to Testing and maintenance or HS, needed for new workflow)

# INC3387647

**Kiosk phone Letters are being written into form backwards when screen tilted**

- Resolved: 21/04/23

# RQF2255626

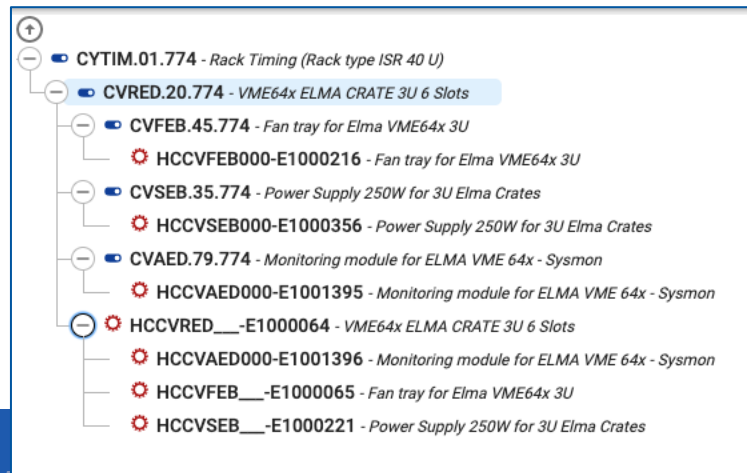
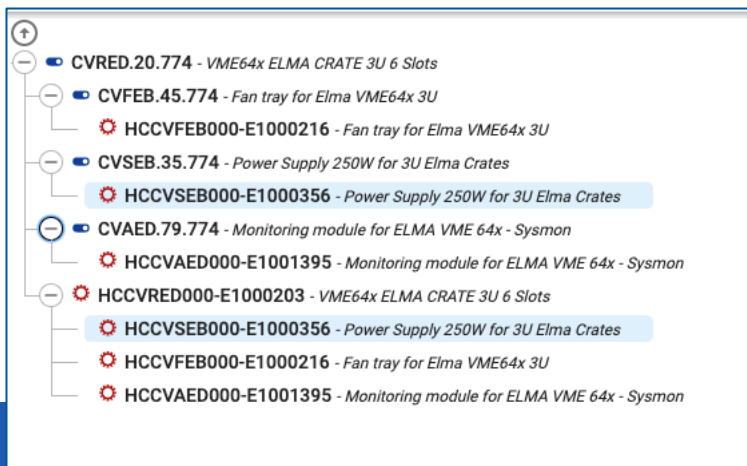
## Update of CCI state Machines

- Update state machines for CCI-ADM, MRO, MTA, IN, CR so that workflow is coherent and better defined
- Requires 3 new custom states:
  - In Acceptance Testing - implemented
  - In Testing and Maintenance
  - Exchanged
- Requires possibility to move from “In store” to “Testing & Maintenance” and “Out of Service” (See request for user to choose a new status when issuing in [RQF2216482](#))
- Requires EAM-light “Replace Equipment” tool to temporarily switch status of old asset to “Exchanged”, before the new state selected by the user and fix [RQF2260564](#) (see next slide)
  - Discussed with Goran the possibility to create a hidden “swap” WO and query events table rather than a state transition

# RQF2260564

## Assets still attached to positions after "Replace Equipment" action

- Tested "Replace equipment tool" after concerns from team members about feasibility of implementing "Exchanged" status (see [RQF2255626](#))
- When replacing a hierarchy of assets, old assets are not detached from their secondary parent positions





# Question

## Is it possible to store 2D arrays in EAM?

- Several use-cases where it would be useful to store a 2D data table i.e. calibrations or measurements (x vs y data)
- Data might be related to part or asset
- Inconvenient to store/extract data in Excel file in EDMS