



EUROPEAN  
SPALLATION  
SOURCE

|                 |                    |
|-----------------|--------------------|
| Description     | Engineering Manual |
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| Date            | June 2, 2017       |
| Revision        | 0.1                |
| State           | Early Draft        |
| Classification  | Public             |
| Page            | 1 (12)             |

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# ICS Engineering Manual

FOR AN ICS INVENTORY SYSTEM

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|          | Name (Role/Title)                |
|----------|----------------------------------|
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| Reviewer | TBD                              |
| Owner    | ICS                              |
| Approver | ICS                              |

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## **1 Overview**

### **1.1 Scope**

- The purpose of this document is to describe how the ICS inventory system works.
- The purpose of this document is to provide the predefined bar codes in order to help users to stock any equipmen with only given bar code scanner.

### **1.2 Target Audience**

This document is targeted to ICS engineers and technical stakeholders of the ICS inventory system.

## **2 Frequently Usage Case**

### **2.1 MTCA**

#### **2.1.1 MTCA IOxOS IFC1410**

#### **2.1.2 MRF EVR-300DC**

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### 2.1.3 MTCA NAT-MCH-PHYS



Form Factor : MTCA



Vendor : NAT



Model : NAT-MCH-PHYS

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## **2.2 Network Device**

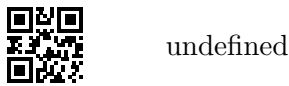
### **2.2.1 MOXA Nport 6650**

### **2.2.2 HP Network Switch**

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### 3 Predefined Bar Codes

#### 3.1 Vendor Codes



undefined



ess



mrf



ioxos



wiener



moxa



nat



concurrent

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schroff



struck



dell



samsung



hp



ibm



caen



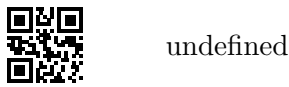
raritan



dymo

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### 3.2 FormFactor Codes



undefined



mtca



pcie



cpci



pmc



vme



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### 3.3 ICS Location Codes



undefined



icslab



utgard



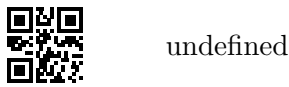
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ess

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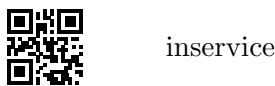
### 3.4 Status Codes



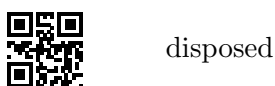
undefined



stock



inservice



disposed

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### 3.5 Model Codes



undefined



vme-evm-300



mtca-evr-300u



pcie-evr-300dc



Moxa-Nport-6650



Dyno-LabelWriter-450-Duo



NAT-MCH-PHYS



microSD-EVO-32G

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## 4 Action Bar Codes



Save and overwrite each scanned PV in each csv file (per second)



Save and append scanned PVs in a csv file (per day)



Clear any scanned PVs



Push the scanned PVs to RDB



Push the scanned PVs to RDB and JIRA