



EUROPEAN  
SPALLATION  
SOURCE

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Document number	ESS-XXXXXXXX
Date	June 13, 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)
Author	Jeong Han Lee, (han.lee@esss.se)
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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## **2.2 Network Device**

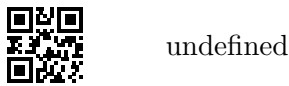
### **2.2.1 MOXA Nport 6650**

### **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



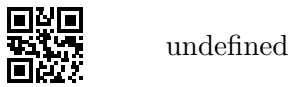
raritan



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



site

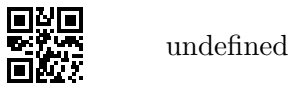


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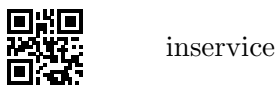
### 3.4 Status Codes



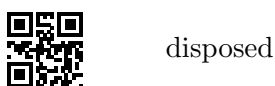
undefined



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



Clear all scanned PVs



————— place holder —————



Enable Label Printing after JIRA action (JC)



————— place holder —————



Create an JIRA issue



Update an JIRA issue (Scan Hash ID and other fields first)



Delete an JIRA issue (Scan Hash ID first)



Define the Child (Scan Hash ID later)

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Define the Parent (Scan Hash ID later)



———— place holder ————



Save and append each scanned PV to CSV file which JIRA can import (per day)



Push the scanned PVs to RDB and JIRA



Push the scanned PVs to RDB



———— place holder ————



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



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