



EUROPEAN
SPALLATION
SOURCE

Description	Engineering Manual
Document number	ESS-XXXXXXX
Date	June 7, 2017
Revision	0.1
State	Early Draft
Classification	Public
Page	1 (12)

ICS Engineering Manual

FOR AN ICS INVENTORY SYSTEM

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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

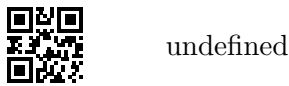
2.2.1 MOXA Nport 6650

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



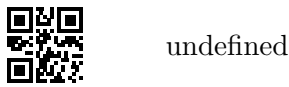
site



ess

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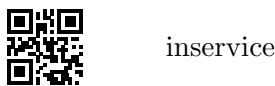
3.4 Status Codes



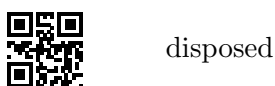
undefined



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