



EUROPEAN
SPALLATION
SOURCE

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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

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

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3.2 FormFactor Codes



UNDEFINED



MTCA



PCIE



CPCI



PMC



VME

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3.3 ICS Location Codes



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ICSLAB



TETRA



SITE



UTGARD



FREIA



CEA



ESSBILBAO

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CATANIA

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3.4 Status Codes



UNDEFINED



STOCK



INSERVICE



DISPOSED

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3.5 Model Codes



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MTCA-EVM-300



VME-EVM-300



PCIE-EVR-300



PCIE-EVR-300DC



PMC-EVR-230



VME-EVR-230



VME-EVR-230RF

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CPCI-EVR-230



VME-FOUT-12



CPCI-FOUT-12



CPCI-EVG-220



CPCI-EVG-230



VME-EVG-230



NPORT5510



NPORT6650



WIENERCRATE450

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PDU-X3-3600

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4 Action Bar Codes



Save and overwrite scanned PVs in JSON



Clear any scanned PVs



Push the scanned PVs to RDB



Push the scanned PVs to JIRA



Push the scanned PVs to RDB and JIRA