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

2.1.3 MTCA NAT-MCH-PHYS

Form Factor : MTCA

Vendor : NAT

Model : NAT-MCH-PHYS

2.2 Network Device

2.2.1 MOXA Nport 6650

2.2.2 HP Network Switch

3 Predefined Bar Codes

3.1 Vendor Codes

undefined

ess

mrf

ioxos

wiener

moxa

nat

concurrent

schroff

struck

dell

samsung

hp

ibm

caen

raritan

dymo

3.2 FormFactor Codes

undefined

mtca

pcie

cpci

pmc

vme

3.3 ICS Location Codes

undefined

icslab

utgard

site

ess

3.4 Status Codes

undefined

stock

inservice

disposed

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

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