ICS Engineering Manual

FOR AN ICS INVENTORY SYSTEM

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Contents

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 Honeywell Xenon Scanners 1900 and 1902g

Note that there are different procedure to setup Xenon 1900 corded scanner and Xenon 1902g cordless scanner. Please consult each manual in detail.

2.1 Configuration

Activate Custom Defaults

Figure 1 Default Settings.

USB Serial

Figure 2 USB Serial Setting.

**Silent Mode with Flashing LED –
Corded Scanner**

Figure 3 Silent Mode for Corded Scanner.

**Silent Mode with Flashing LED –
Cordless Scanner and Base**

Figure 4 Silent Mode for Cordless Scanner.

3 Frequently Usage Case

3.1 MTCA

3.1.1 MTCA IOxOS IFC1410

3.1.2 MRF EVR-300DC

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3.2 Network Device

3.2.1 MOXA Nport 6650

3.2.2 HP Network Switch

Description	Engineering Manual
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4 Predefined Bar Codes

4.1 Vendor Codes

undefined

ess

mrf

ioxos

wiener

moxa

nat

concurrent

Description   Engineering Manual
Document number ESS-XXXXXXXX
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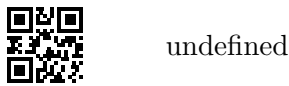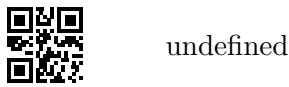State   Early Draft
Classification   Public

schroff

struck

dell

samsung

hp

ibm

caen

raritan

dymo

Description	Engineering Manual
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4.2   FormFactor Codes

 undefined

 mtca

 pcie

 cpci

 pmc

 vme

4.3 ICS Location Codes

undefined

icslab

utgard

site

ess

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4.4   Status Codes

 undefined

 stock
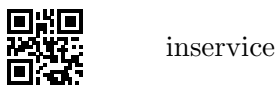
 inservice
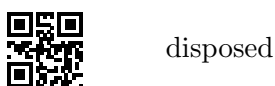
 disposed

4.5   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

5   Action Bar Codes

Clear all scanned PVs

———— place holder ————-

Enable Label Printing after JIRA action (JC)

Disable 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)

Search an JIRA issue (Scan Hash ID first)

Define the Child (Scan Hash ID later)

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)