ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L76212 – CODE READERS

Learning Legacy Document

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6.0	12-Feb-2015	Kemi Olawale	[redacted]	[redacted]	Asset Description Amended Class Name Amended Attributes Updated
7.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated

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1 Introduction

1.1 Asset Details

Class Code:	L76212
Class Name:	Code Readers
Class Lineage:	Construction Products>Services>Information communication services products>Safety and security information systems>Access controls> Code Readers

1.2 Description

Code Readers are assets which enable an authority to control access to areas and resources via a given physical facility or computer. These could be key code or swipe readers and can be standalone units from a single door entry or part of a wider security system.

Each Code Reader will be treated as an individual asset.

1.3 Related Functions

All information on the configuration of asset classes (L-Class) to functions is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

2 Asset Tag Identification Rules

Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031) in the following format:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. CR076-BAF-12345

Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

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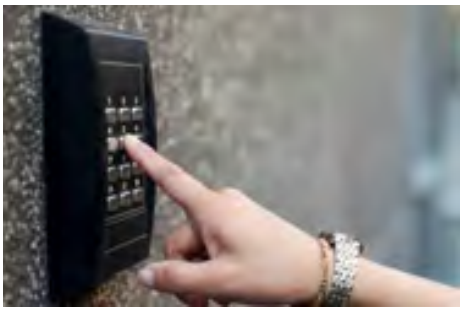
2.1 Example Images



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3 Attributes

3.1 Generic Attributes

All Classes of assets will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this asset class.

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Access Control System Type		PD		Network Stand-Alone Stand-Alone Powered Stand-Alone Non-Powered	Code Readers may be stand alone single items or part of a wider network of door access control. Networked or PC-based access control systems comprise of a front-end PC connected to a network of door controllers and card readers.
Frequency (Hertz)	Hertz	NU	0		The operational frequency of the unit
Input Voltage (Volts)	Volts	NU	0		The operational voltage of the unit
Reader Type		PD		Biometric Infrared Keypad Magnetic swipe Mifare Proximity Third Party Card Reader	If a reader is used what is the type?

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

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4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with the Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- Asset Naming Convention Document - CRL1-XR1-Z3-ADDSD-CR001-50413

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8 Crossrail Technical Approvals

Name	Role	Date
[redacted]	Lead Mechanical & Electrical Plant (MEP) Engineer	19-Sep-2014

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