ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
Admin Attributes

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1 Introduction

The Crossrail Asset Data Dictionary (ADD) is hosted within eB and has the function of providing explicit definition of the relevant classes, functions and attributes

Contractors are responsible for collecting attribute data for assets as they are installed, and will be required to provide asset information using the agreed data transfer format.

The process of defining and managing the attributes associated with the asset classes in the Crossrail Asset Hierarchy is a vital activity to ensure that Contractors are aware of the attributes required for each asset class.

Each individual class of assets has class specific attributes that are associated to that individual class. These class specific assets are listed within each AD4 Class document as well as the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

Contractors are not required to directly populate any of the Admin Attributes although in some cases their input may be sought in relation to the values to be entered.

Admin Attributes are utilised for a number of reasons in AIMs these range from the allocation of Asset Tags into unique sets for other processes and reporting functions to recording the audit trail of work performed on an Asset Tag.

2 Roles and Responsibilities

The Asset Information Manager acts as Data Steward for the Crossrail Asset Information System (AIMS) by taking an active role in the ownership, population, storage and utilisation of asset information.

Any queries regarding the asset attributes should be directed to the Asset Information Manager.

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3 Attributes

Admin Attribute data is managed against all assets to help administer various processes relating to the Asset Tags whilst they are being developed in the AIMS database. The details and purpose of the Admin Attributes are defined in the following table

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places/Number Format (nu Only)	Defined Values List (pd only)	Description/Use
Construction Contract		PD		ABW BH C298 C300 C305 C310 C315 C330 C335 C336 C340 C350 C360 C405 C410 C411 C412 C421 C422 C430 C435 C501 C502 C503 C510 C511 C512 C520 C530 C610 C620 C624	Used to allocate an Asset Tag to the relevant construction contract.

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Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places/Number Format (nu Only)	Defined Values List (pd only)	Description/Use
				C625 C631 C644 C650 C660 C690 C695 C696 C730 C740 C807 C828 CWC CWG DEMO ONW	
Construction Work Stream		PD		001 to 099 Not Known Marked To Delete	Used to allocate an Asset Tag to a defined package of works in the construction phase. **Not Known** Default setting when Tags are initially created **Marked To Delete** Used to remove assets from a workstream prior to them being deleted

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Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places/Number Format (nu Only)	Defined Values List (pd only)	Description/Use
Design Contract		PD		BH C100 C121 C122 C123 C130 C132 C134 C136 C138 C140 C146 C150 C152 C154 C156 C158 C178 C183 C310 C315 C330 C340 C350 C360 C405 C411 C412 C422 C435 C502 C503 C510 C512 C520 C530 C610 C620	Used to allocate an Asset Tag to the relevant design contract. **Delete** Used to indicate Asset Tag is required to be deleted

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Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places/Number Format (nu Only)	Defined Values List (pd only)	Description/Use
				C624 C625 C631 C641 C643 C644 C650 C651 C660 C690 C695 C730 C740 CWC CWG Delete ONW	
Design Work Stream		PD		001 to 099 Not Known	Used to allocate an Asset Tag to a defined package of works in the design phase. **Not Known** Default setting when Tags are initially created
Reporting Stream		PD		001 to 020	Used to allocate asset tags into groups for reporting purposes

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 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186

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