



▶ Technical Information Periodic Metrics Guide

Metric Definitions

CAD Metrics

The CAD teams metrics are complicated as there is no defined goal a contractor should reach to complete their deliverables owing to the nature of Crossrail's design method i.e. not design and build.

The data used was based on weighted metrics derived from data from Crossrail's ECMS, ProjectWise and the bespoke call management system the CAD team developed.

CAD Support

Quality of call raised and complexity of CAD issue

CAD Management

Assessment of escalated cases from support calls / data management

CAD Data

Monitoring of ProjectWise process procedures by viewing invalid file types; those with invalid approvals, with dgn file name extensions and dwg extensions.

Use of 3D/4D for Design & Construction

Contractor compliance to 3D (and 4D were applicable) Works Information (WI) requirements for Design & Construction as assessed through Performance Assurance Framework(PAF), Design Review & Gates Assurance Process.

Data Control and Compliance Metrics

The Data Control and Compliance team's metrics are based upon outputs of Crossrail's EDMS, eB.

% Docs Coded 2

Current-revision Deliverables at code 2. These documents have either not been accepted, or been rejected by CRL - and must be submitted.

% Docs Coded 3

Current-revision Deliverables at code 3. These documents have either not been accepted, or been rejected by CRL - and must be submitted.

% Total Uncoded Documents

Current-revision Deliverables uncoded (TOTAL with the contractor + CRL).

% Overdue Placeholders

Current-revision Deliverables, Placeholders which have passed 'Planned' and/or 'Forecast' Date.



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MDL current

Does the contractor's period Master Deliverables List submission have a current effective date (i.e. within 4 weeks)

Contractor period MDL vs eB Master Deliverables List (Deliverables discrepancy %)

Difference between the contractor's period Master Deliverables List submission and the eB CMDL - expressed as a percentage. (n.b. Negative% indicates more Deliverables in the contractor's period MDL as compared to eB CMDL)

% Open Actions

Open Performance Assurance Framework 'PAF' assessment actions: Round 6 (0% open=**green** / 1-49% open=**amber** / 50+% open=**red**)

GIS Metrics

The GIS team's metrics are based upon usage and functionality utilisation information from Crossrail's Geographical Information System, formerly Bentley Maps and as of April 2016, Esri ArcGIS.

Accessibility

Contract accessibility to Crossrail Maps

Degree of use

Number of users to have used the system within the last 3 months

Volume of use

Volume of traffic, irrespective of number of users, within the last 3 months

Asset Information Metrics

The Asset Information metrics are based upon data extracted from Crossrail Asset Information Management System (AIMS), a node of eB.

Contractor Engagement

Assessment of engagement and collaboration standards

ADCS Submission Response Time

Submission response time ahead or after agreed submission date

Population of Asset Tag names

Contractor population of Asset Tag Names against agreed timescales

Data Quality

Assessment of data quality populated within Asset Data Collection Spreadsheet (ADCS)