

Date:

Participating Members:

Assessment Context:

C-Store, Integrate, and Access Data

2-Asset Life-Cycle Data Integration Workflows

C.2.d Project Delivery to Asset Management Data

Element Established data flows from project delivery to asset management systems to ensure up-to-date, accurate inventory, condition, and work history
Description information. Consider both maintenance/operations activities and construction projects.

Benchmark Level 0	Benchmark Level 1	Benchmark Level 2	Benchmark Level 3	Benchmark Level 4
No defined data flow between project delivery/construction and asset inventory, condition, performance and work history databases.	Data views are defined to facilitate access to, and review of, as-built or inspection information. This data is presented in a manner intended for easier review and update into asset management systems and/or databases.	Simple data flows are implemented, allowing pre-population of key administrative and project-level information (e.g. project identifiers and limits, asset identifiers, general work activities) into asset databases for more detailed attribution or update.	More detailed data flows are implemented, allowing individual assets and/or activity details to be pre-populated into the asset databases, allowing most data to be pre-populated prior to finalization.	Delivery/construction information automatically flows to asset management systems.
Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>	Current: <input type="checkbox"/> Desired: <input type="checkbox"/>
<input type="checkbox"/> Develop standard views or reports to expose project delivery (e.g. acceptance inspection) information for review in asset data update.	<input type="checkbox"/> Transform key data stored in as-built or inspection systems / documents to support integration into asset databases.	<input type="checkbox"/> Transform detailed data stored in as-built or inspection systems / documents to support integration into asset databases.	<input type="checkbox"/> Assess and refine existing data flows to include additional detail (or reduce detail). Develop specifications for direct and complete integration into asset databases.	
<input type="checkbox"/> Engage Subject Matter Experts (SMEs) from project delivery and asset management to identify opportunities for improved coordination.	<input type="checkbox"/> Pilot test and implement simple, manual or semi-automated data integrations. Provide quality assessment tools to support informed data use.	<input type="checkbox"/> Pilot test and implement batch processes to transfer data. Integrate quality assessment tools to ensure appropriate data use.	<input type="checkbox"/> Pilot test and implement fully automated processes to transfer data. Integrate quality assessment tools to ensure appropriate data use.	
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	

Assessment Notes:

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Improvement Notes:

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