C-Store, Integrate, and Access Data
2-Asset Life-Cycle Data Integration Workflows

C.2.b – Project Planning to Project Development

Element Description	Established data flows from project planning (scoping) to project development. 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 planning and/or scoping and project development.	Data views are defined to facilitate access to, and review of, planning and scoping information. This data is presented in a manner intended for use in downstream design and/or project development activities.	Simple data flows are implemented, allowing pre-population of key administrative and project-level information (e.g. project identifiers, project/activity type, project limits) into base project, work order, or design documents.	More detailed data flows are implemented, allowing individual assets and/or activity details (such as work location, scope, estimated cost, and schedule milestones) to be pre-populated into the project, work order, and/or design documents.	Planning/scoping information automatically populates contract and design documents. Project development activities, participants, and/or documentation are automatically populated as appropriate to the scope.
Current: ☐　Desired: ☐	Current: ☐　Desired: ☐	Current: ☐　Desired: ☐	Current: ☐　Desired: ☐	Current: ☐　Desired: ☐
☐ Develop standard views or reports to expose planning and scoping information for use in project development activities.	☐ Transform key data stored in scoping and planning systems to support integration of data into project development products.	☐ Transform detailed data stored in scoping and planning systems to support integration of information into project development products.	☐ Assess and refine existing data flows to include additional detail (or reduce detail). Develop specifications for direct and complete integration of planning / scoping details into project development products.	
☐ Engage Subject Matter Experts (SMEs) from planning and development to identify opportunities for improved coordination.	☐ Pilot test and implement simple, manual or semi-automated data integrations. Provide quality assessment tools to support informed data use.	☐ Pilot test and implement batch processes to transfer data. Integrate quality assessment tools to ensure appropriate data use.	☐ Pilot test and implement fully automated processes to transfer data. Integrate quality assessment tools to ensure appropriate data use.	
☐ Other:	☐ Other:	☐ Other:	☐ Other:	

Assessment Notes:

Improvement Notes: