

Date:

Participating Members:

Assessment Context:

C-Store, Integrate, and Access Data

4-Data Access

C.4.a – Field Access to Data

Element Description Technologies, data structures and processes to enable access to agency asset and work management system data from the field.

Benchmark Level 0	Benchmark Level 1	Benchmark Level 2	Benchmark Level 3	Benchmark Level 4
Field staff are not equipped with mobile technology.	Field staff are equipped with laptops and can bring copies of needed files to the field - no data connectivity.	Field staff are equipped with mobile devices with data connections capable of retrieval only.	Field staff are equipped with mobile devices capable of two-way connectivity with the ability to retrieve and send information to office systems.	Next generation technology is used in field business processes. Examples include tools allowing hands free retrieval and sending of data, real-time remote assistance, 3D/4D/5D visualization of data, or visualization as part of an Augmented or Virtual Reality (AR/VR) experience.
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"/> Provide basic computer and internet access at base field offices or locations.	<input type="checkbox"/> Identify positions requiring mobile computing. Provide smart phones, tablets, and/or laptops (consider mobile data plans as appropriate).	<input type="checkbox"/> Identify positions requiring mobile computing with data connectivity. Provide smart phones, tablets, and/or laptops (include mobile data plans, if data connectivity is needed).	<input type="checkbox"/> Provide seamless access across firewall and in the field for all asset (and related) data, systems, and tools.	
<input type="checkbox"/> Develop budget for supplying mobile devices to field staff. Consider Bring-Your-Own-Device (BYOD) policies.	<input type="checkbox"/> Develop mobile friendly views of key asset information (e.g. asset inventory, work recommendations or history).	<input type="checkbox"/> Develop comprehensive mobile solutions for key systems, tools, analysis, and information. Support real-time field data update and creation.	<input type="checkbox"/> Explore and pilot next generation mobile tools that can support asset business processes. Implement as appropriate.	
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	

Assessment Notes:

Improvement Notes:
