

Date:

Participating Members:

Assessment Context:

C-Store, Integrate, and Access Data

1-Databases

C.1.d – Data Storage Capacity

Element Description Processes to provide sufficient storage capacity to meet current and likely future needs, considering collection of imagery, LiDAR, backups, archiving, and other data storage requirements.

Benchmark Level 0	Benchmark Level 1	Benchmark Level 2	Benchmark Level 3	Benchmark Level 4
Data storage needs are not systematically assessed, and requests for additional storage are not reliably met.	Data storage requirements are evaluated as part of new information system development processes, but space requirements are not routinely reassessed after initial system deployment.	A process exists for business areas to request additional storage to meet needs related to growth in data or new data collection efforts.	The organization has a data storage management strategy that includes considerations of retention, backup requirements, structured and unstructured data, disaster recovery, etc. based on current needs.	The organization has a forward-looking data storage management strategy that includes considerations of retention, backup requirements, structured and unstructured data, disaster recovery, etc. based on current and future needs. Strategy includes tactics to manage costs in alignment with needs (e.g. tiered storage, appropriate use of cloud vs. on premise). Strategy is aligned with and actively managed in coordination with the business.
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"/> Establish requirements for data storage requirement evaluation as part of new IT system planning & development.	<input type="checkbox"/> Establish process for system owners and/or business leads to request additional storage capacity.	<input type="checkbox"/> Create a five year, forward looking data storage plan in collaboration with IT and business leads.	<input type="checkbox"/> Develop a data storage management strategy that examines and quantifies risks and identifies data storage solutions aligned with risk tolerance and budget.	
<input type="checkbox"/> Examine and document IT process for securing additional storage capacity.	<input type="checkbox"/> Communicate lead time required for IT to reliably meet legitimate requests for additional data storage.	<input type="checkbox"/> Investigate and incorporate targeted cloud storage applications.	<input type="checkbox"/> Document a comprehensive cloud storage policy and associated storage solutions. Integrate cloud storage tactics in broader strategy.	
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	

Assessment Notes:

Blank area for assessment notes.

Improvement Notes:

Blank area for improvement notes.