IT Collect Vendor Integration Checklist:

The IT Collect team is providing a tool agnostic API integration checklist for vendor onboarding. This document is meant to track features that most vendors will encounter. This list is not exhaustive of everything vendors can do in IT Collect but will ensure you understand the API's base functionality. Additionally, the IT Collect team understands that each vendor tool is unique and will sponsor additional functionality not included in this list. As you go through this checklist, please note any issues you encounter or feature enhancements you have and create a "New Issue" on our GitHub tracker. If you have questions, please email us at itdb_support@gsa.gov.

The IT Collect team recommends starting with Service submissions, then Ledger submissions, then the remaining embedded documents in any order the vendor sees fit.

As a reminder, the IT Collect team will not be migrating any historical data ahead of the BY 2023 submission. As a result, all agencies will need to plan to submit all records as a POST operation during the initial BY 2023 submission. In any subsequent submissions, agencies should plan to use a combination of POST, PATCH/PUT, and DELETE operations to update the existing stock of data where applicable. Please note during the initial submissions IT Collect will validate the Change in Status and Previous UII data against the BY 2022 President's Budget submission data. However, even if a record has Change in Status not equal to 'New', the agencies will still need to POST the service to IT Collect during the initial submission.

Submission Area	Behavior Checklist	Status	Helpful Documentation
Services	I can POST a Service		How To: Services ; FAQs (Questions: 3.1, 3.4, 6.1, 6.3, 6.7, 6.8, 8.1, 8.3)
	I can PATCH a Service		
	If necessary, I can use the GET Services Collection/Resource to retrieve Services data		
	I can set a Service to isRetired = true		
Ledger	I can POST a Ledger record with Funding Source data		How To: Ledger ; FAQs (Questions: 3.4, 6.1, 6.9, 8.4)
	I can PATCH a Ledger record with Funding Source data		
	I can POST a Ledger Record with TBM data		
	I can PATCH a Ledger Record with TBM data		
	I can POST a Ledger Record with Budget Authority data		
	I can PATCH a Ledger Record with Budget Authority data		
	If necessary, I can user the GET Ledger Collection/Resource to retrieve Ledger data		
	I can set a Ledger record to isRetired = true		
CIO Rating	I can POST a CIO Rating record		

Submission Area	Behavior Checklist	Status	Helpful Documentation
	I can PATCH a CIO Rating record		FAQs (Questions: 6.1, 6.9)
	If necessary, I can use the GET CIO Rating Collection/Resource to retrieve CIO Rating data		
	I can DELETE a CIO Rating record		
Projects	I can POST a Project		FAQs (Questions: 6.1, 6.9)
	I can PATCH a Project		
	If necessary, I can use the GET Projects Collection Resource to retrieve Projects data		
	I can DELETE a Project		
Activities	I can POST an Activity		FAQs (Questions: 6.1, 6.9)
	I can PATCH an Activity		
	If necessary, I can use the GET Activities Collection/Resource to retrieve Activities data		
	I can DELETE an Activity		
Contracts	I can POST a Contract		FAQs: (Questions: 6.1, 6.9)
	I can PATCH a Contract		
	If necessary, I can use the GET Contracts Collection/Resource to retrieve Contracts data		
	I can DELETE a Contract		
Operational Analysis	I can POST an Operation Analysis Record		FAQs (Questions: 8.2)
	I can PATCH an Operational Analysis Record		
	If necessary, I can use the GET Operational Analysis Collection/Resource to retrieve Operational Analysis data		
	I can DELETE an Operational Analysis Record		
CIO Authority	I can POST a CIO Authority Record		FAQs (Questions: 6.9)
	I can PATCH a CIO Authority record		
	If necessary, I can use the GET CIO Authority Collection/record to retrieve CIO Authority data		
	I can DELETE a CIO Authority record		
Submission Control	I can PATCH fundLock to 'true' in the Submission Control document for my agency		How To: Funding Lock (Coming Soon) ; FAQs (Questions: 6.6)
Rebaseline	I can POST a Rebaseline record		FAQs (Questions: 7.1, 7.2, 7.3)

Other Functionality we Recommend Testing

- **Batch submissions**
  - Note IT Collect does not have batch submission endpoints, and only supports single resource submissions. That said, as a vendor you can batch your submission files on the vendor side and then proceed to submit to IT Collect. Each vendor tool will take a unique approach to batching submissions. However, we recommend testing this to make sure you can submit multiple records in succession in a manner that works best for your vendor application.

- **Response pagination**
  - If you plan to run GET collections on all resources, you will need to account for IT Collect Collect's response pagination currently set at 200 resources per page. You can use page metadata to make async calls to subsequent pages. E.g., EXAMPLE HERE (page metadata from MCaaS)

- **Validation interpretation**
  - Ensure your vendor application can capture the IT Collect validation messages and pass these messages along to your end users in a readable and actionable manner.

- **Baseline ID submissions**
  - When testing PATCH submissions, make sure that you can link the agency ID generated within the rebaseline event creation with project, activities, ledger, and services submissions.