

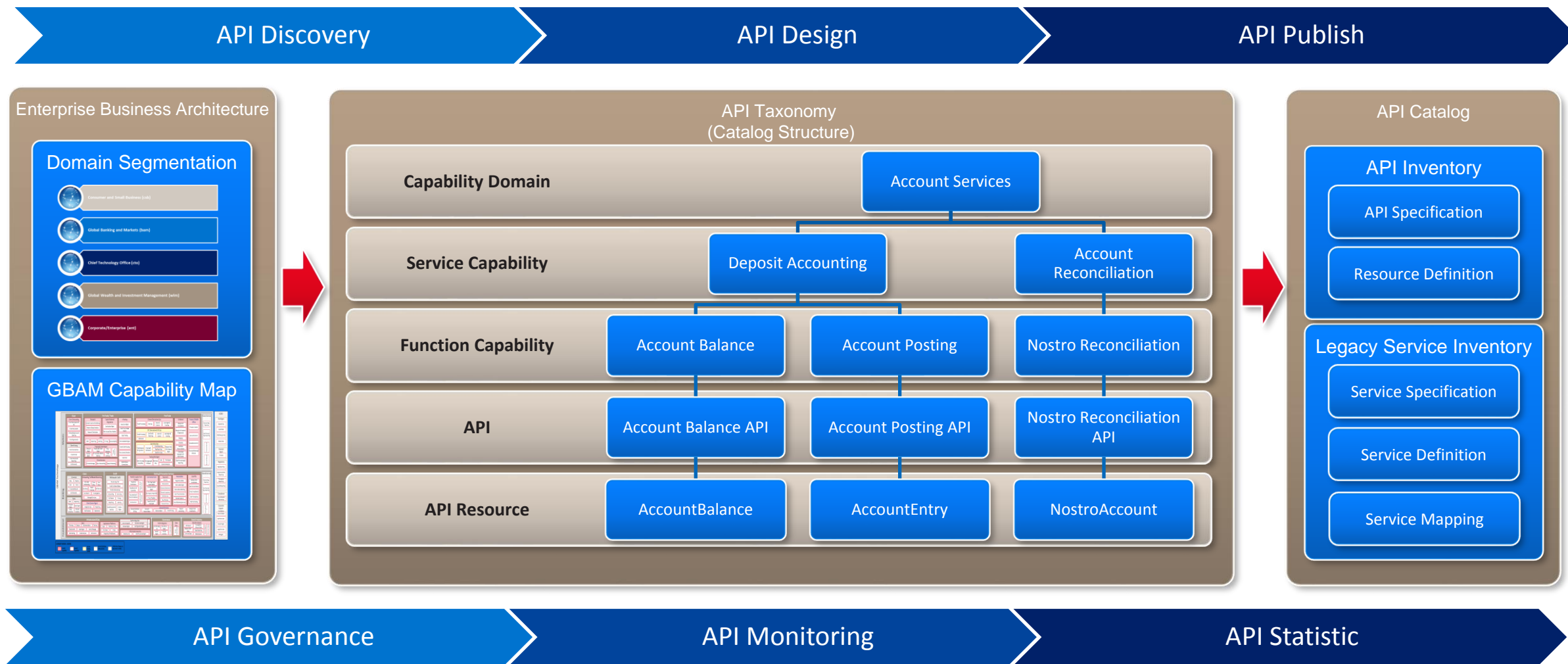
# API Taxonomy and API Catalog

## GBAM Architecture Strategy & Data

November 2017

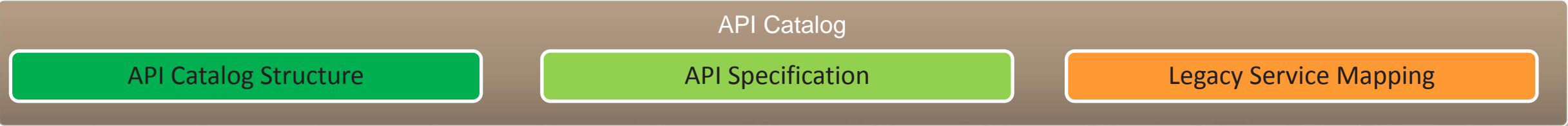
# API Taxonomy and API Catalog

Drive API Discoverability, Reuse and Federated Contributions to API Maturity



# API Taxonomy and API Catalog in Action

Maintain API Catalog Consistency and facilitate legacy service mapping



API Taxonomy (API Catalog Structure)				
Capability Domain	Service Capability	Function Capability	API Name	Architecture Owner
Account Services	Deposit Accounting	Account Balance	Account Balance API	TBD

API Taxonomy to drive the consistent API Catalog structure.

API Specification provides API design and usage guideline.

API Inventory (API Specifications)													
API Resource	API Operation	Resource URI	API Description	API Resource Manager (AIT)	API Lifecycle Status	Supported Versions	API Design Model	Available API Spec Format (Swagger/RAML)	Security Requirement (AAA)	Service Level Agreement (SLA)	API Usage (Dependencies)	API Usage Policy	API Facing (Private/Public)
AccountBalance	GET	/account/balance	Account Balance Inquiry	GBSDAS (AIT548)	Published	1.0	JSON/REST	RAML	OAuth2	1 second	GSS, <APIs>	Real time	Private

API Inventory Template



API Inventory Template V001

Legacy Service Mapping provides the current service requirements

Legacy Service Inventory (Service Mapping)								
Legacy Service Name	Consumer AIT	Consumer Format	Consumer Protocol	Provider AIT	Provider Format	Provider Protocol	Integration Pattern	Business Purpose Description
RetrieveAccount Balances	GSS (4893)	IFX	SOAP/HTTP	GBSDAS (548)	OpenGBS XML	SOAP/HTTP	Request/Reply	Real time account inquiry from the deposit accounting system.

# Appendix

# GBAM Capability Model: Level 1 & 2 View

