Category	Definition	Feature	Data Steward	Analyst	Data Supplier	Administrator	Product Owner	Developer	Security Engineer
		Capabilities			**Operations**			**Product Development**	
1. Data Ingestion & Conditioning	Capabilities to bring external data into the system, validate it, and ensure it's properly structured and compliant.	Flexible Ingestion Framework supporting multiple data models and assets.	X		X		X	X	
		Streamlined Onboarding Process for new data types (imagery, non-imagery, structured, unstructure	X		X		X	X	
		Dynamic Supplier Integration for adding new data sources.	X		X		X	X	
		Automated Metadata Extraction & Indexing on ingestion.	X		X		X	X	
		Data Conditioning & Enrichment to normalize and standardize data.	X		X		X	X	
		Data Quality Assurance to detect and resolve issues.	X		X		X	X	
		Automated Transfer to higher security domains.				X	X	X	X
2. Metadata Management & Cataloging	Organizing metadata to enable effective discovery, traceability, reuse, and compliance.	Centralized Data Catalog as a unified metadata repository.	X	X					
		Metadata Management to capture rich metadata (origin, format, relationships).	X	X					
		Data Lineage Tracking from ingestion to consumption.	X			X			
		Compliant Metadata Tagging per enterpsie standards.	X			X	X	X	
3. Data Discovery & User Access	Interfaces and mechanisms that allow users and systems to locate, interact with, and consume data.	User Interface for Discovery (simple, intuitive UX).		X		X	X	X	
		Data Steward/Admin Interfaces for content and delivery management.	X			X	X	X	
		Single Point of Entry to access all holdings.		X		X	X	X	
		End-to-End Visibility into data usage and workflows.	X			X			
		Rapid Discovery and Release Adjudication.		X					X
4. Security, Compliance & Governance	Mechanisms ensuring secure, controlled, and standards-compliant data access and handling.	Automated Security Tagging & Classification at file/object/attribute level.					X		X
		PKI-enabled FGAC, RBAC, ABAC access controls.					X		X
		Access Control & Policy Enforcement aligned with ICAM.					X		X
		Compliance with classification and privacy standards.					X		X
		Audit & Security Incident Tracking.					X		X
5. Automation & Operational Scalability	Platform capabilities that reduce manual labor, improve reliability, and enable elastic scale.	Automated Deployments & Patching.					X	X	
		Autoscaling Infrastructure for cost optimization.					X	X	
		Serverless Functions for efficient data processing.					X	X	
		Automated Notifications for delivery status tracking.		X			X	X	
6. Platform Extensibility & Integration	System architecture elements that support modularity, future-proofing, and external system	Open API & Microservices Architecture to increase flexibility.	X		X	X	X		
		Adaptable Backend Integration Layer for secure enterprise access.	X		X	X	X		
		Supports AI/ML Integration with structured, enriched data.		X			X		
7. Mission Outcomes & Business Value	Value provided to users and stakeholders across mission speed, cost, and efficiency.	Accelerated Mission Workflow from ingest to dissemination.							
		Improved Analyst Access to actionable data.		X					
		Minimal Support Model reducing long-term O&S costs.					X	X	