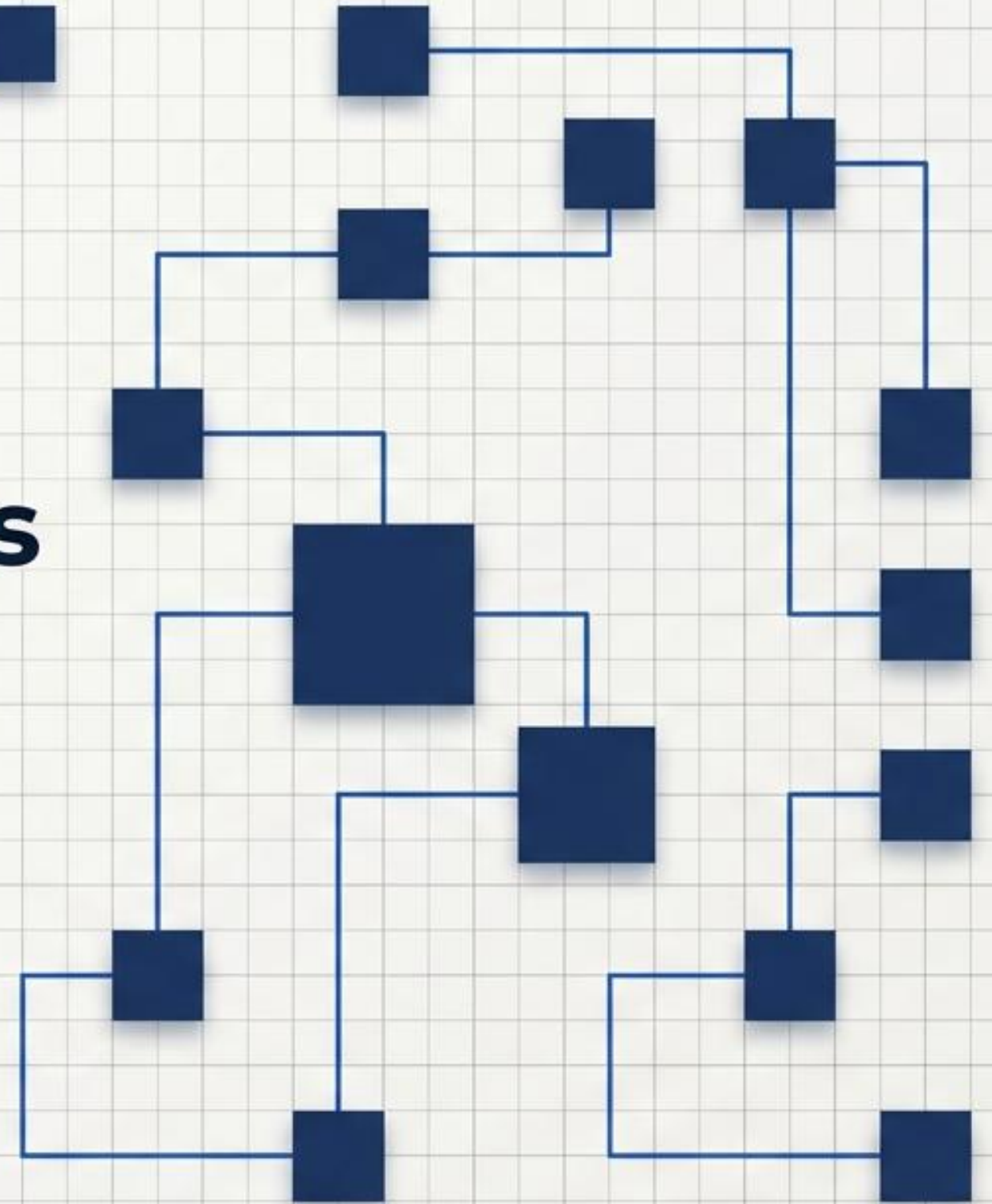


# Tracking and Managing Contractual Requirements Using DOORS

Moving Beyond Technical  
Specifications into Management RM



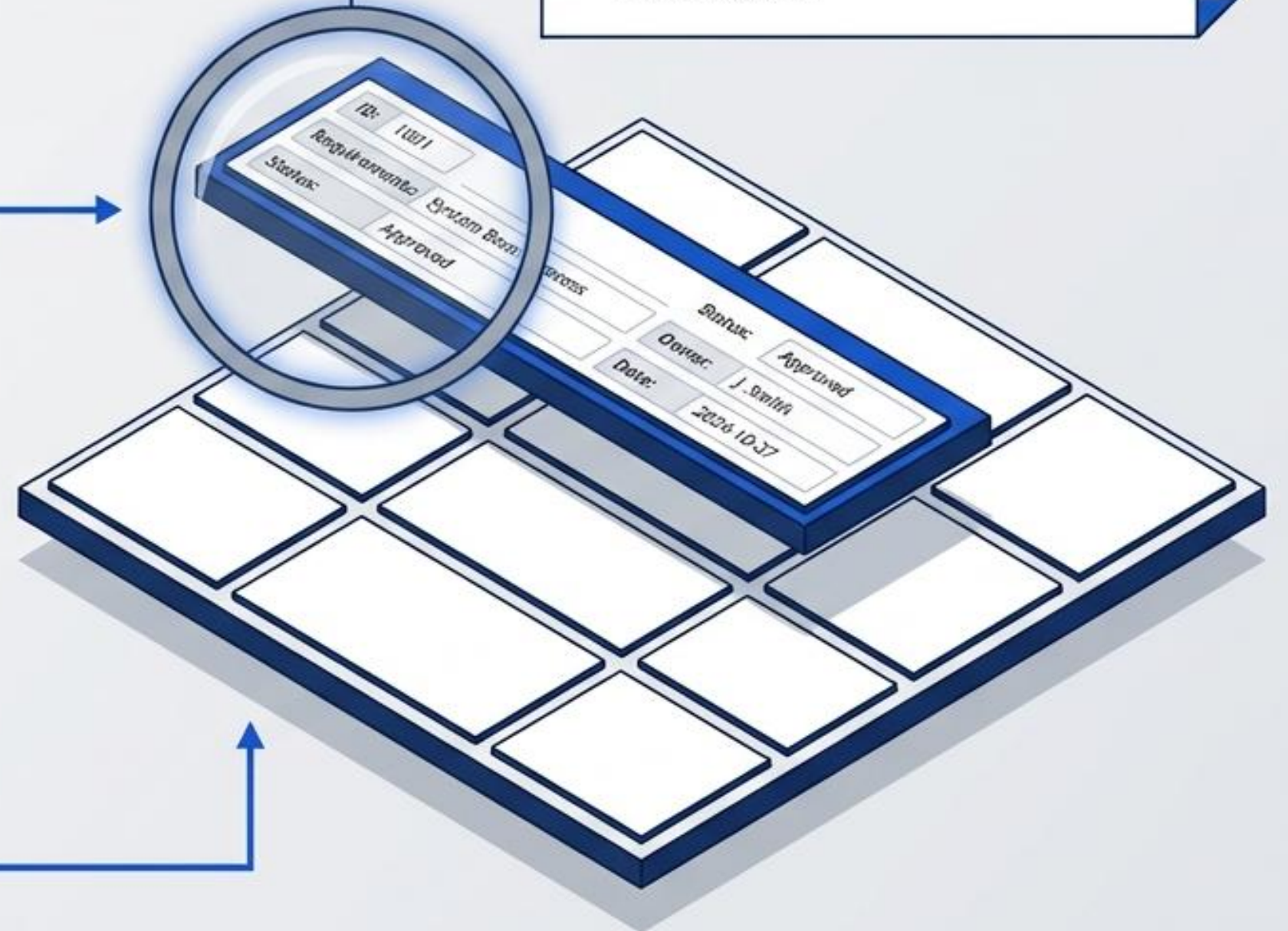
# The Controlled Entity Concept

DOORS functions like a spreadsheet completely devoid of computational capabilities, but fundamentally transformed into a robust database. The system manages automated navigation between links, tracks changes instantly, and enables multi-dimensional smart filtering.

Each individual row is a fully controlled entity boasting:

- A unique, permanent URL.
- An immutable History Log tracking every granular change.
- Strict, individual-level Access Permissions.

	A	B	C	D	E	F	G
1	A1	B1	C1				
2	A1	B1	C2				
3	A1	1234	1234				
4	A1	5678	5678				
5	A1	9012	9012				
6							
7							
8							
9							
10							
11							
12							



# Core Characteristics of the Environment



## System-Managed Linkability

Unlike static spreadsheets, every row is linkable across modules and external files. The system automatically auonomatically maps navigation and flags downstream impacts via suspect-link identification.



## Granular Object Control

Absolute tracking down to the specific row object. The system enforces strict governance through URL traceability, comprehensive history logs, and precise access permissions.



## Smart Attributes

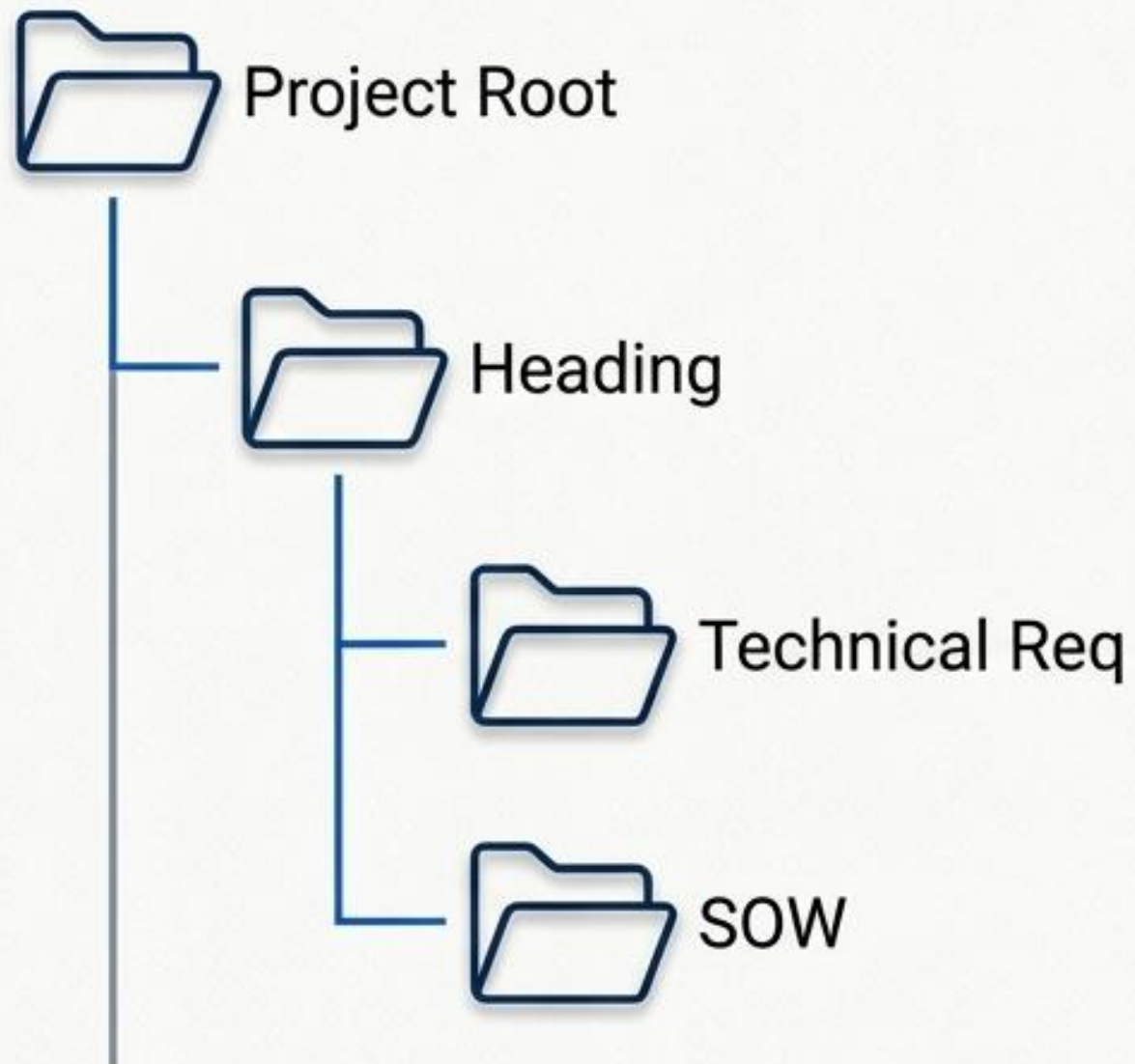
Multi-dimensional tagging and filtering. Stakeholders can slice the database to view only the requirements relevant to their specific discipline or risk level.

# Diagnostic Comparison: Conventional vs. DOORS Methodology

Category	Conventional Management	DOORS Management
Centralizing Work	Manual extraction into siloed files	✓ Single source of truth via filtered Views
Updates	Laborious manual searching	✓ Automated flagging of downstream contractual impacts
Clarifications	Physical scrolling/browsing	✓ Built-in hyperlinks to original source sections
Traceability	High risk of missing hidden requirements	✓ Built-in traceability reports
CDRL Identification	Manual contract review	✓ Instant display of all relevant contract references
Sub-contractor Flow-down	Discovered after signing	✓ Immediate assessment of requirement impacts
WBS Generation	Separately built scopes with gaps	✓ Automatically generated Work Requirements Specifications
Change Management	Prone to human error	✓ Built-in Baselines for frozen snapshots during reviews
Permissions	Non-existent at requirement level	✓ Full management control per object

# Architecture and Conceptual Flow

Classification Framework: ID  
(Unique identifier) & Obj Type



Source Requirement Modules

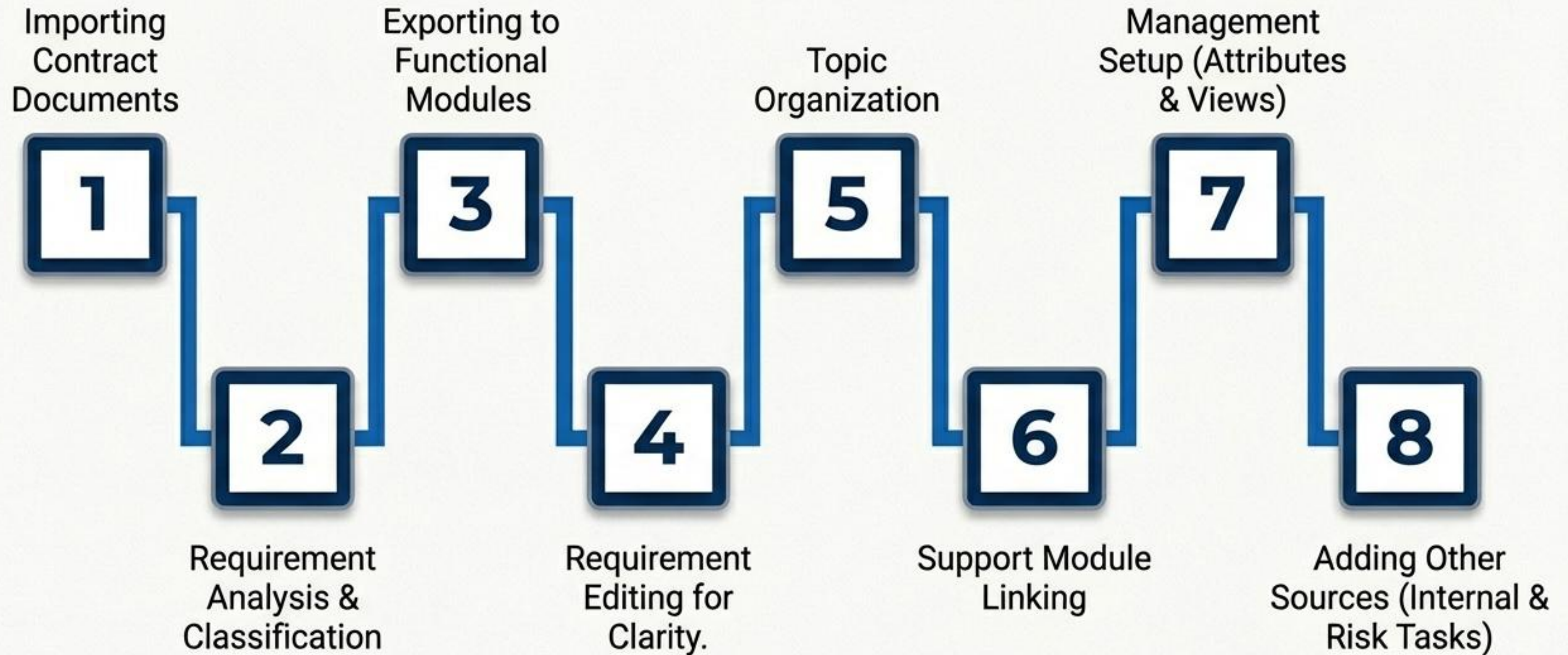
Technical Requirement  
Modules (Specification)

SOW Requirements Module  
(Management)

Supporting Modules

Definition Modules

# The 8-Phase Implementation Workflow



# Ecosystem Consistency: Support and Definition Modules

## GFE Modules

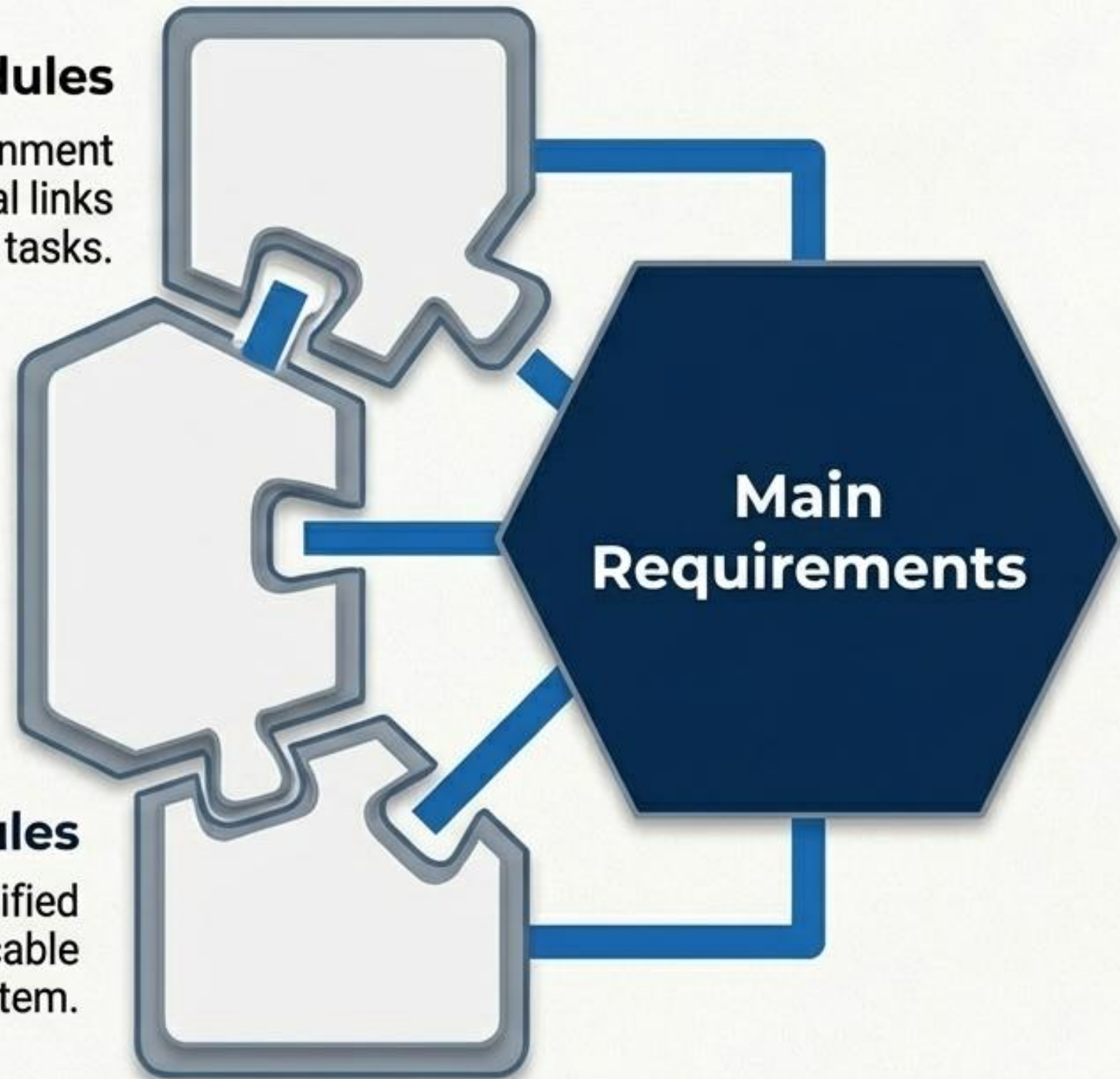
Dedicated modules for tracking Government Furnished Equipment, establishing direct logical links from external physical items to specific SOW tasks.

## CDRL Modules

Comprehensive tracking of every project deliverable, strictly defining Internal Responsibility, Internal Participation, and Delivered To entities.

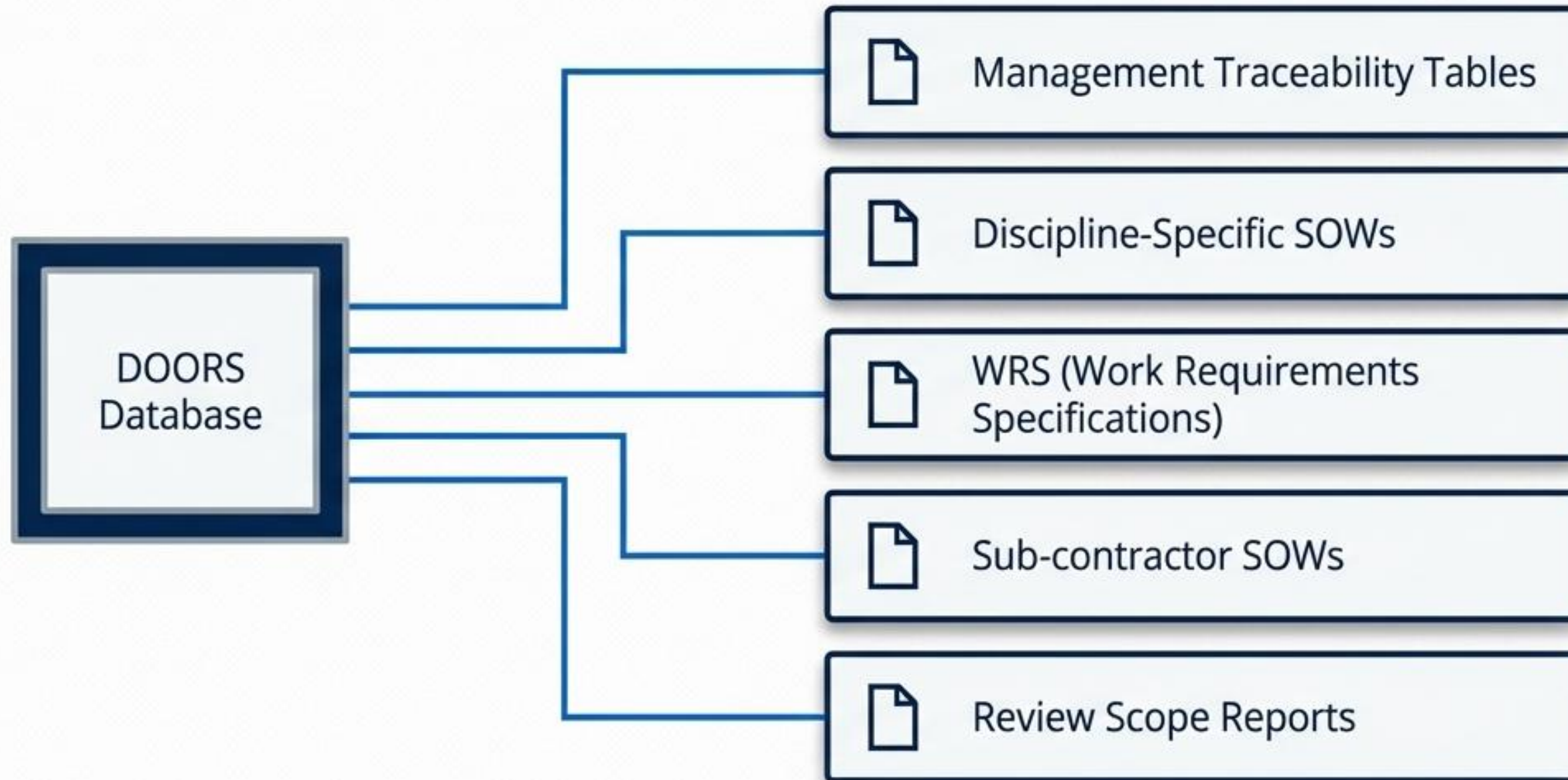
## Definition Modules

Standardized databases establishing unified Abbreviations, Glossaries, and Applicable Documents linked directly to the DM system.



# Management Outputs and Project Control

The system enforces a **Single Point of Responsibility** and defines precise **Required Task Results** for every item.



# The Dual Framework: Technical vs. Management Requirements

## Technical vs. Management Requirements

Complex source documents rarely separate technical specifications from administrative obligations. DOORS intentionally separates these concerns while maintaining immutable logical links.

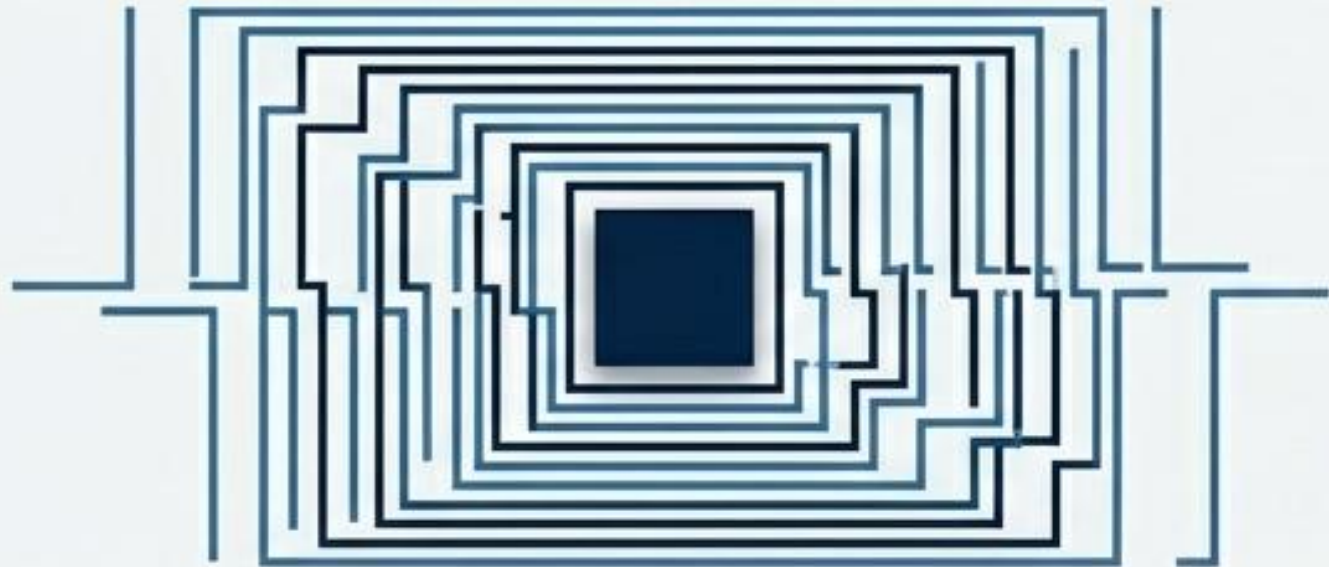


**System Integration:** DOORS acts as the **master of requirement logic**, while **integrating flawlessly** with MS Project to handle schedule and cost variables.

# Strategic Capabilities and The Winner's Card

## Total Impact Analysis

Complete systemic awareness. A single contractual change at the top level automatically ripples through the entire structural hierarchy, flagging every affected sub-system, sub-contractor, and deliverable.



## Customer Confidence (The Winner's Card)

The ability to generate absolute, rigorous proof of complete contract coverage. This unmatched traceability is the ultimate leverage in maintaining authority and trust in highly complex, strict client relationships.



**Summary:** Management Requirements Management is conceptually identical and operationally equal in importance to Technical RM. DOORS provides the structural discipline and generic flexibility required to tame massive project complexity.