

Tagline: "The Digital Twin of the BahyWay Ecosystem."

Status: Planned (Post-v1.0)

License: Enterprise / Premium Only

Core Concept

A specialized Knowledge Graph layer that visualizes the **Architecture** rather than the **Data**. It answers the question: *"How is this system built and running right now?"*

Key Components

1. The Code Crawler (Static Analysis)

- Scans **src** folder (C#, Python, SQL, Akkadian).
- Reads "Passport Headers" to link Callers to Callees.
- **Result:** Nodes representing Actors, Services, and DTOs.

2. The Infra Scanner (Dynamic Analysis)

- Queries Docker/Kubernetes API.
- Maps running containers to the Code Nodes.
- **Result:** Visualizes which code is running on which hardware (NAS vs Cloud).

3. The Governance Overlay

- Visualizes Policy Rules (e.g., "GDPR Strictness").
- Highlights components that are non-compliant or missing headers.

Business Model

- **Locked** for Standard Users.
 - **Unlocked** via License Key (**LicenseService**).
 - **Value:** Essential for Compliance Audits (Banking/Gov) and Root Cause Analysis.
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