Xorcery AAA Platform

Alchemy – Aurora – Astral

The Xorcery AAA Platform is a next-generation data infrastructure designed to help organizations connect, store, and visualize data with speed, transparency, and security. Built on modular open-source components, the platform provides a seamless path from raw data ingestion to advanced temporal intelligence.

Platform Components

1. Alchemy – Data Connection Engine

Alchemy is the entry point to Xorcery AAA. It makes integrating data sources simple, flexible, and fast.

- **Seamless connectivity:** Ingest both live streams and stored datasets from virtually any source.

- **Configurable pipelines:** Set up flows with lightweight YAML/JSON configuration, no heavy coding required.

- **Real-time processing:** Build reactive pipelines for instant monitoring and analysis.

- **Domain integration:** Plug directly into specialized industry tools, unifying their outputs into one ecosystem.

Explore Alchemy on GitHub: [Xorcery Alchemy](#)

2. Aurora – Temporal Event Store

Aurora acts as the **memory** of the platform, capturing every event and change over time. Instead of overwriting data, it records the full history — enabling reconstruction, traceability, and deep analysis.

- **Time-travel queries:** Revisit past states to see exactly how things evolved.

- **Graph-based projections (Neo4j):** Map relationships across entities, signals, and events over time.

- **GraphQL API:** Query the temporal graph with precision by timeframe, relationship, or event type.

Core XORCERY AAA Repository: [Xorcery AAA](#)

3. Astral – Visualization Layer *(in development)*

Astral will provide **intuitive visualization and exploration tools** to make data and relationships directly understandable. Designed for analysts and decision-makers, it will bridge data science and operational use cases.

4. Contextual ABAC – Secure Data Access

Xorcery AAA also implements contextual attribute-based access control (ABAC).

Every data access request is evaluated in context — factoring in:

- **User attributes:** roles, relationships, jurisdiction

- **Data attributes:** sensitivity, classification, source

- **Situational context:** time, location, purpose

This ensures granular security without limiting flexibility.

Learn More & Explore

- **Landing page:** xorcery.dev

- **Exoreaction website:** exoreaction.com

- **Video snippets & demos:** GitHub Video Library

- **LinkedIn – Company page:** Exoreaction

- **LinkedIn – Thought leadership posts:**

    - AI Decision Support & Temporal Intelligence

    - Platform insights & updates

    - Temporal event store applications