



Catalyst

Orchestrate the Mission. Power the Network.

Catalyst is a future-ready platform that connects systems, sensors, and decision-makers through a secure, virtual data mesh. It unifies fragmented data without relocating it, giving you precise control over who can see and use what, when, and how.

From the edge to the enterprise, Catalyst transforms disconnected systems into a unified network of action. Built on Zero Trust Architecture with post-quantum encryption, it delivers real-time data access and partner-specific visibility across federated environments, making security a feature, not a barrier.

PLATFORM HIGHLIGHTS

- ✔ **Federated Security & Access Control**
Built on the Zanzibar authentication model, Catalyst delivers fine-grained, role-based access at global scale, empowering data owners to control every interaction.
- ✔ **Unified Data Fabric**
Catalyst eliminates silos by standardizing data access through a GraphQL federation gateway, enabling seamless integration with no duplication and no delay.
- ✔ **Post-Quantum Encryption**
Utilizing Kyber PQ-TLS, Catalyst ensures resilient, future-proof data transport even in contested environments.
- ✔ **Configurable Data Catalog**
Mission data is indexed, discoverable, and secured through a dynamic catalog designed to scale with operations, regardless of format or location.
- ✔ **Tool-Neutral Integration**
Catalyst fits your stack, empowering partners to use preferred tools while enabling full participation in a shared mission ecosystem.
- ✔ **Built for Innovation**
Whether onboarding a new sensor, linking to a foreign partner, or deploying a tactical node, Catalyst makes it fast, secure, and repeatable.

Trusted. Integrated.
Mission-Ready.
Orbis Catalyst



Contact us for additional information, demonstrations, and pricing.

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