

XQ IoT AI Industrial Shield

Secure Industrial Data. Trusted AI Insights. Operational Efficiency.



XQ MESSAGE

XQ IoT AI Industrial Shield securely connects people, data, and AI across edge and enterprise environments. Through persistent protection, granular governance, and real-time access controls, XQ delivers trusted operational intelligence while ensuring sensitive data remains secure, controlled, and compliant at every stage of its lifecycle.



Solve mission challenges

Constant pressure to optimize operations without compromising security.

Common roadblocks include:

- **Vulnerable Perimeters:** Securing OT and IoT data across highly distributed, remote assets.
- **Operational Waste:** Relying on costly site visits and truck rolls for routine diagnostics.
- **Data Silos:** Eliminating the friction between field operations, engineering, and business teams.
- **AI Risk:** Harnessing the power of AI without accidentally exposing proprietary operational data.
- **Regulatory Friction:** Accelerating digital transformation while satisfying strict compliance and governance mandates.



Apply innovative solutions

Protects data throughout its lifecycle, empowering safe AI for real-time, cross-team decision making.

Ubiquitous Data Security

- **Persistent Protection:** End-to-end encryption for data in transit and at rest.
- **Environment Agnostic:** Total protection: edge, DBs, data lakes, and cloud platforms.
- **Granular Governance:** Strict, policy-based access controls tied directly to the data.

AI Data Loss Prevention (DLP)

- **Real-Time Monitoring:** Scans prompts, queries, and AI-generated outputs.
- **Leak Prevention:** Blocks exposure of intelligence.
- **Workflow Compliance:** Enforces security and governance policies across AI.

Natural Language Operations

- **Plain-English Queries:** Ask questions of your industrial systems.



Achieve desired outcomes

- **Slash Site Visit Costs:** Remote, secure access to operational data allows for off-site diagnostics, drastically reducing contractor dispatches.
- **Decrease Downtime:** AI-driven analysis identifies issues earlier, accelerate investigation, and predictive maintenance initiatives.
- **Improve Operational Understanding:** Natural language interfaces allow personnel to ask questions such as:
- **Accelerate Decision Making:** Convert massive volumes of IoT and OT data into meaningful business and operational insights in seconds.
- **Democratized Insights:** Transform raw telemetry into actionable intelligence, instantly aligning operators, engineers, and executives.

Innovation Powered by XQ

We're your partner. Get access to our robust and scalable zero trust data-layer solutions that solve mission challenges.

Reach out to get started

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