

# Resilient infrastructure through clear architectural separation

The JUMBO BLOCK® architecture follows a core principle required for modern critical infrastructure: **Local exposure without local control.**

Sensors installed at the site are strictly limited to **measurement and data transmission.** They have **no capability** to control, configure, or influence system behavior.

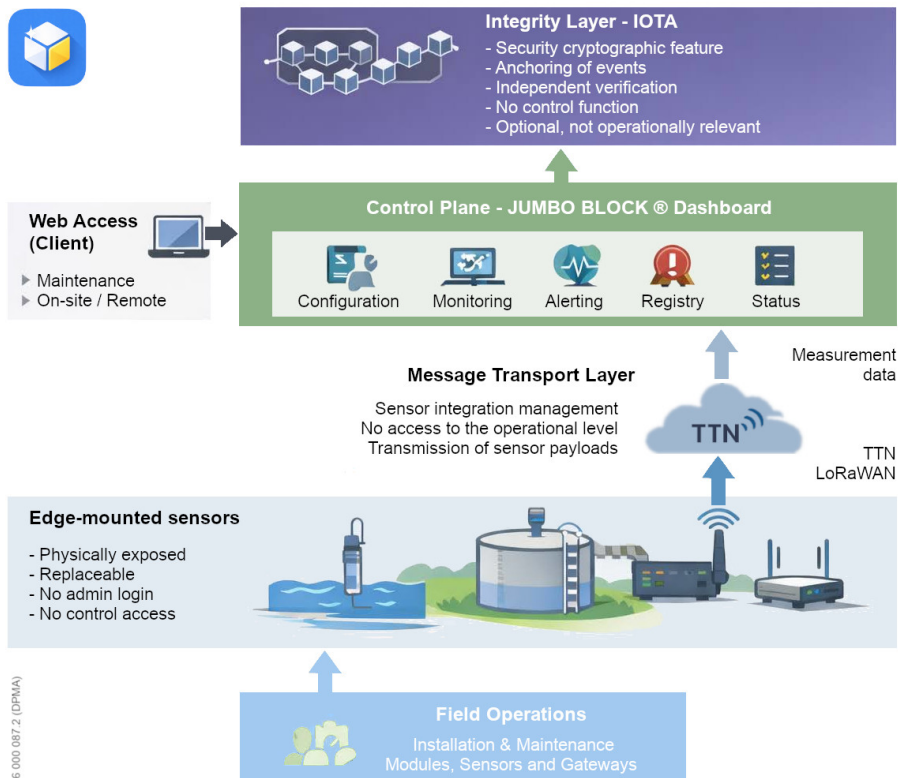
All operational control is centralized within a **protected dashboard environment**, which can be operated independently of the physical installation site and secured according to organizational requirements.

If required, system events and data integrity can be independently verified via an **external cryptographic integrity layer (IOTA).**

## Why this matters for operators and authorities

- Physical damage does **not result in loss of operational control**
- Failures become **visible immediately** instead of remaining undetected
- Recovery procedures are **standardized and fast**
- Governance, responsibility, and **accountability remain centralized**

## Critical infrastructure-compatible resilience through architecture



**Architectural principles:** The system measures. The dashboard controls. IOTA verifies. Maximum controllability, resilience, and recoverability with minimal vulnerability.

**Damage at the site does not mean loss of control.**  
The system remains **manageable, verifiable, and resilient.**

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