

Utility & Water System Governance

Solution Brief

SCADA-level enforcement for smart water, waste management, and energy distribution systems. Claviger operates at the control layer, directly intercepting and verifying critical infrastructure commands before execution.

Smart Grid Governance: Load balancing algorithms are constantly generating control signals. Claviger verifies each signal against stability constraints, cost efficiency targets, and renewable integration policies before transmission to grid controllers.

Water System Control: AI systems managing water treatment, distribution, and quality monitoring operate under SCADA governance. Valve positions, treatment chemical additions, and pressure management are all verified for safety and regulatory compliance.

Automatic Lockout: When an AI command violates policy, Claviger blocks execution before it reaches SCADA systems. This provides defense-in-depth protection against both malicious commands and AI drift.

