

SCADA System Oversight

Solution Brief

Cryptographic verification of critical control decisions before execution. Claviger operates at the SCADA layer, directly intercepting commands from AI systems and verifying them for safety.

Real-Time Control Verification: Valve positions, pump speeds, and pressure settings are verified before transmission to PLCs. Commands that would create unsafe conditions are blocked automatically.

State Validation: The current state of the physical system (tank levels, pressures, flows) is continuously validated. Impossible state transitions trigger immediate investigation.

Anomaly Detection: When the physical system enters unexpected states despite governance verification, Claviger detects this anomaly and alerts operators.

Defense-in-Depth: Claviger provides multiple verification layers. Compromised AI systems cannot cause dangerous SCADA commands because the governance layer enforces safety constraints.

