

Operational intelligence between truck rolls

Wireless sensing, dashboard-ready telemetry, and targeted automation for water infrastructure.

Improve visibility and control without replacing existing supervisory control systems.

POINT OF CONTACT

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WHERE MODULINK CREATES VALUE

01

Condition-informed renewal planning

Use operating evidence from selected pipes, pumps, and valves to prioritize inspection, maintenance, and replacement.

02

Visibility between site visits

Monitor pressure, flow, level, temperature, intrusion, flooding, and other compatible field measurements.

03

Earlier warning of damaging operation

Capture duty-cycle patterns and transient behavior that low-rate telemetry may miss.

04

Targeted water, energy, and maintenance

Surface meaningful changes so staff investigate the right asset at the right time.

05

A board-ready business case

Start small, measure outcomes, and scale only where utilities see credible payback.

RECOMMENDED FIRST ENGAGEMENT

Prove value before scaling

Select one measurable problem and one to three representative sites. Run a 3-6 month pilot with fixed scope, baseline measurements, and agreed success criteria.

FIELD HARDWARE AND SOFTWARE

INDI LORA

DISTRIBUTED SITES

Long-range monitoring and compatible remote actuation.

- Private LoRaWAN to Modulink Basestation
- 2 × 4-20 mA inputs and 2 × 0-10 V inputs
- Line-powered operation with no battery option in the current generation
- Relay and analog interface for compatible field equipment
- Shared alarm and operator workflows in one platform

INDI WI-FI

PLANT + HIGH RATE

High-rate monitoring and local response.

- Site Wi-Fi
- 2 × 4-20 mA inputs
- H-bridge interface for compatible motor and actuator equipment
- 12/24 V line-powered installation
- Shared dashboards and alerting through existing site IT boundaries

THE MODULINK CAPABILITY LAYER

- Self-hosted operation under utility control
- Works alongside existing control systems and historians
- Mobile dashboards, history, alerts, and workflows
- Rules, schedules, and state-aware automation
- Purpose-built and utility-specific Modulink Skills

FIELD SIGNALS

TERMINALS

BASE STATION

SKILLS

Deploy one focused use case, prove the operating value, then scale.

