# ControlIQ Transforms

## It's a disruptive solution built to change how industrial systems are managed.

Whether you operate a single system or need insight across a multi-site enterprise with many systems, THOR ControlIQ delivers intelligent, connected control designed to optimize performance, reduce costs, and make your life easier. Available in three performance tiers*, ControlIQ grows with your needs — from essential monitoring to full-scale, real-time operational management.

*\* See THOR CONTROLIQ ELITE sheet for details*

## Tier 2 – THOR ControlIQ

**Essential control. Remote access. Data at your fingertips.**

- **Two Configurations: Modbus connected single or dual inline sensors** (no power pack required). Inlcudes prewired flow switch.
    - **Single Inline Sensor** – Simplifies operations with **reliable data on one key parameter** (e.g., Conductivity) for baseline **control and analytics.**
    - **Dual Inline Sensors** – Expands visibility with **three parameters at once** (e.g., Conductivity + pH + ORP), unlocking **deeper analytics and smarter control** in a single system.
- **Standard I/O:** Comes with **4 digital** and **4 analog inputs** to connect meters, sensors, and other field inputs.
- **Versatile Control:** 4 Powered relays offering **wide range of feed types** (bleed, scheduled/timer, cycles, setpoint, spike and more).
- **Plug-and-Play Setup:** Ships **fully programmed** — just install, power on, and you're running (customer to complete Programming Profile Form).
- **Mobile Ready:** Includes **free-to-use mobile apps** (iOS/Android) for real-time visibility and adjustments.
- **Secure by Design: Server-grade security** with OTP authentication.
- **Connected Out of the Box:** Integrated communications — no gateway required.

**Perfect for small-to-medium applications** that need reliable, connected control without complexity

## Tier 2 – THOR ControlIQ Plus

**More insight. More features. More control.**

- **Inline Sensors:** Supports up to **8 Modbus inline sensors** for advanced monitoring.
- **Expanded I/O:** Provides **8 digital** and **8 analog inputs** for broader system connectivity.
- **Expanding Sensing Capability:** Ready for advanced probes such as **fluorometer, tagged polymer, turbidity, inline corrosion sensors, and more.**
- **Coupon Holders:** Integrated support for corrosion/scale monitoring under real conditions.
- **Digital Flow Monitoring: Flow rate sensor with no moving part**s — nothing to stick, jam, or seize. Automatically **logs flow data** to support your coupon program and ensure compliance.
- **Multi-Application Support:** Operates **multiple systems simultaneously** (e.g., two cooling towers). THOR L800 comes standard with **8 powered relays** — and is **expandable** for additional relays as system needs grow.
- **Enhanced Reporting:** Deeper data logging, trending, and analytics for decision-making.

**Built for operators who need compliance-ready data, advanced sensing, and multi-system flexibility.**
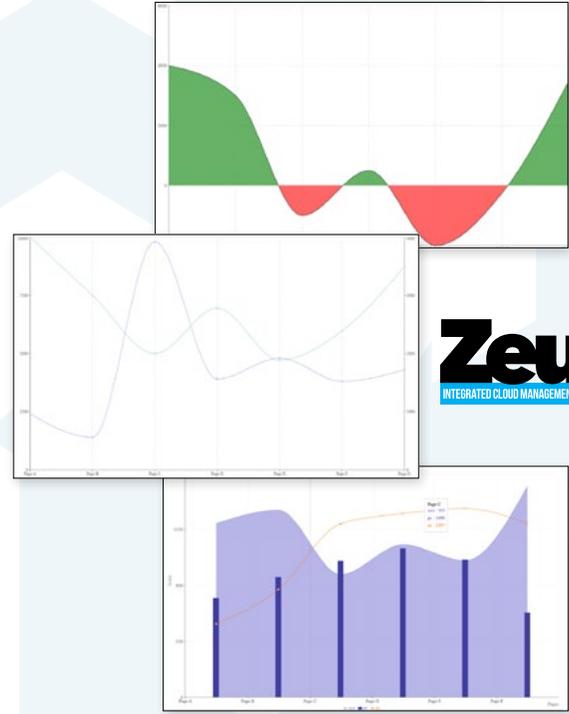


THOR ControlIQ



THOR ControlIQ Plus

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2/26

## Core Benefits Across All Tiers

- **No Gateway Required:** Save cost, space, and installation time.
- **Automatic Firmware Updates:** Save time, eliminate site visits and USB sticks, and ensure every THOR is always up to date.
- **Hassle-Free Notifications:** No email servers to configure; alerts just work.
- **Remote User Management:** Add, edit, or remove users anywhere, anytime.
- **User Logs:** Record every login, every setting change, every action.
- **Calibration Logs:** Maintain a continuous history of sensor calibrations.
- **Sensor Information at a Glance:** Firmware version, days in service, part number — always available (Modbus connected sensors).
- **Modbus Sensor Connection:** Simple **M12 thread-on connection** with power and data in a single cable. Captures complete sensor metadata that analog inputs cannot provide. **No power pack required — just thread on and go.**
- **ZEUS Cloud Software:** Fully integrated with **SNAPSHOT graphing tools** for instant trend analysis.
- **Mobile Apps (Android/iOS):** Full visibility and programming control from your phone.
- **Best-in-Class Manufacturer Support:** Direct from the team that built it.
- **Secure by Design:** OTP access and encrypted communication.
- **Data Ownership:** Your data, securely stored and always accessible.

**Zeus**
INTEGRATED CLOUD MANAGEMENT SOFTWARE

## *Why use out-of-date technology? Step up your game.*

| Feature / Tier | THOR ControlIQ | THOR ControlIQ Plus | THOR ControlIQ Elite |
|---|---|---|---|
| Basic Conductivity Measurement | ✔ | ✔ | ✔ |
| Optional Dual Sensor (pH & ORP) | ✔ | ✔ | ✔ |
| Built-In Communication | ✔ | ✔ | ✔ |
| Optional Analog Output | ✔ | ✔ | ✔ |
| Graphing & Data Logging | ✔ | ✔ | ✔ |
| Digital Flow Monitoring | — | ✔ | ✔ |
| Ethernet, Modbus TCP/IP | ✔ | ✔ | ✔ |
| Coupon Holders | — | ✔ | — |
| Inline Free Chlorine Sensing | — | — | ✔ |
| Precision Oxidizer Control | — | — | ✔ |
| Expanded Reporting Tools | — | ✔ | ✔ |
| Best-in-Class Manufacturer Support | ✔ | ✔ | ✔ |
| Secure OTP Access | ✔ | ✔ | ✔ |

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