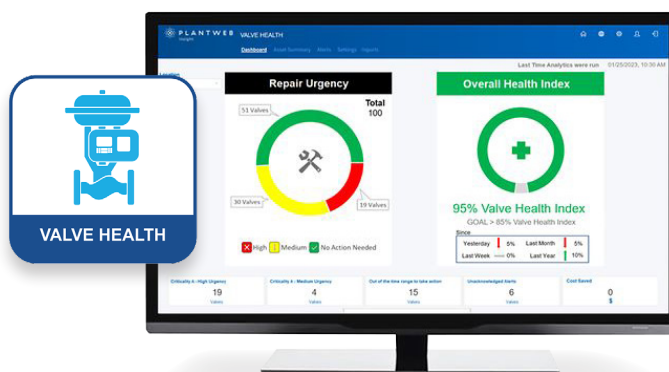


## VALVE CONDITION MONITORING

### Prioritize Maintenance Decisions. Improve the Reliability & Performance of Your Plant.

#### Take Your Valve Condition Monitoring to a Whole New Level with the Plantweb™ Insight Valve Health Application

Valve condition monitoring is the process of continuously assessing the operational status and health of industrial valves—to ensure proper valve functioning, prevent unexpected failures, and optimize overall system performance.



The Valve Health Application can be easily implemented and accessed anywhere, digitally transforming your data into actionable information for improved decision-making. The application generates five health indicators, including:

- Repair Urgency Status
- Valve Health Index
- Financial Impact
- Criticality
- NE107 Alert Status

The overall health of the full fleet of valves can be viewed with the Valve Health Index, which is calculated using the inputs of the other four indicators and displayed on a dashboard. The dashboard also displays trends of past health, valve problem explanations, recommended actions, and a suggested time frame to take action.

“The Valve Health App offers significant advantages for industrial plants by streamlining control valve maintenance and optimizing PID loop performance. Traditionally, monitoring valve health involved performing online or offline valve diagnostics and interpreting results or relying solely on reactive maintenance after failures occur. The App simplifies this process by continuously analyzing valve data and generating a Valve Health Index, based on an algorithm of Fisher’s valve expertise. This allows for proactive maintenance scheduling and prioritizing resources on valves in need of attention.”

—Jeff Ulrich, Senior Account Manager, ECI



## Key Features

- **Automatic Monitoring**  
Continuously monitor device alerts and run analytics on live parameters to identify issues, preventing problems before they occur.
- **Control Valve Expertise**  
Knowledge from our control valve experts is incorporated into the application with recommended actions and time frames.
- **Web-Based Platform**  
Securely access your data from anywhere, at any time.
- **User-Friendly Dashboard**  
Allow users to quickly see which valves are in most need of attention and what steps are needed to restore health.
- **Easy Integration**  
Seamlessly integrates with your existing wireless infrastructure, allowing you to expand the capabilities of your current system.

## Contact Our Experts to Take Your Condition Monitoring to the Next Level

Founded in 1956, ECI specializes in providing best-in-class process control systems, automation products, pumps, and related solutions for manufacturing and industrial customers in the oil and gas, chemical, power, food and beverage, mining and metals, life sciences, pulp and paper, refining, petrochemical, OEM, and nuclear industries. In addition, ECI’s experts and certified technicians provide reliability solutions, plant lifecycle services, process solutions, automation, and valve repair services for a wide variety of products. The company is proud to be your local Emerson Impact Partner serving Western Pennsylvania, West Virginia, Western Maryland, and Ohio.