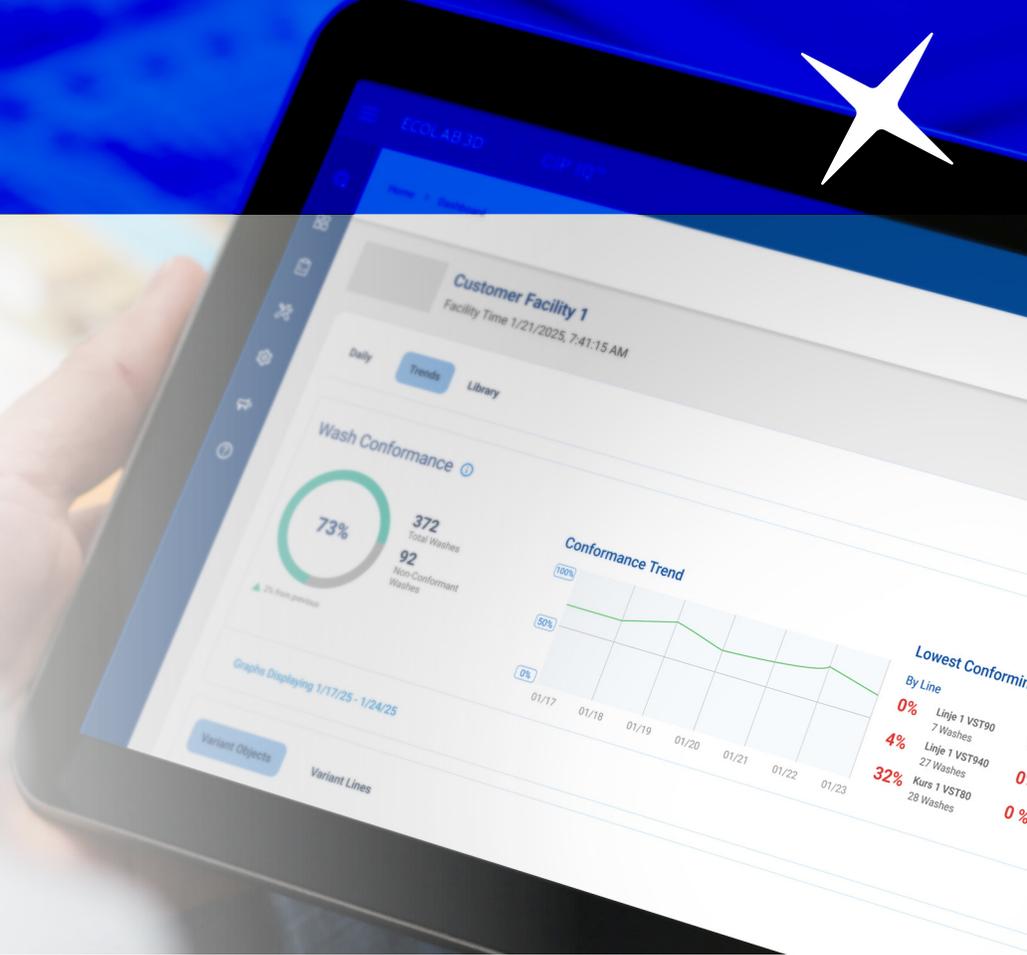




# Ecolab® CIP IQ™

## Don't just run. **OUTRUN.**

Built specifically for Food and Beverage, CIP IQ™ is an AI-enhanced solution for a smarter CIP. Drive quality and safety with 15% more efficiency and higher capacity.



### Your CIP processes keep you up and running **But they eat into your production schedule**

With CIP IQ, you create more capacity you can use to produce more – or give you valuable time back in you and your team's schedules.

**Optimize wash time**

**Higher capacity**

**Eliminate unnecessary washes**

**Reclaimed hours**

**Enhance operational efficiency**

**Lower energy, water and labor costs**

### **Own your production with Ecolab® CIP IQ™**

While other tools offer fragments, CIP IQ is built with the full feature set you need to reduce risk, reclaim time, and increase capacity – wash by wash to make every plant your best plant..

- **Real-time CIP system visibility** across your entire plant
- **Wash conformance scoring** to ensure compliance and quality
- **Alerts for missed or abnormal wash events**
- **AI-powered insights (Ecolab Virtual Agent)** detect wash anomalies, forecast washes and accelerate troubleshooting
- **Detailed wash summaries and trend reporting**
- **Membrane and soil load insights** (with optional modules)

# Capacity-boosting insights

By digitizing and analyzing every clean-in-place cycle, this AI-enhanced platform uncovers hidden opportunities to reduce downtime, enhance sustainability and improve product quality.

The dashboard displays several key sections:

- Wash Conformance:** A circular gauge shows 73% conformance. A table lists 372 passes and 92 non-conforming passes.
- Conformance Trend:** A line graph showing performance over time.
- Lowest Conforming:** A table listing specific tasks and their conformance rates, such as 'Task 11' at 0%.
- Variant Report:** A table with columns for Flow, Temperature, Concentration, and Duration, listing various tasks and their parameters.
- Consumption:** A bar chart showing usage breakdown for Washes, Total Cost, Water, Thermal, Chemistry, Electricity, and Time.

### Wash Conformance

Shows % of washes performed according to SSOP

### Critical Exceptions

Flags high-impact issues for quick action

### Currently Washing

Real-time view of CIP activity, including triggered exceptions

### Consumption Report

Monitor water, chemistry, thermal energy and electricity usage across your plant

## A track record that speaks for itself

OUTCOME	% REDUCTION	VALUE	MONETIZED
<b>OPERATIONAL PERFORMANCE</b>			
<b>Asset Protection</b>		Gaskets, valves, pumps, etc.	\$30K
<b>Capacity (Time)</b>	15%	230 hours	\$345K (@ \$1.5K/hour)
<b>ENVIRONMENTAL IMPACT</b>			
<b>Water</b>	10%	1.6M gallons	\$13K (@ \$4/100 gal)
<b>Energy</b>	10%	11,000 kwh	\$2K (@ \$0.02 KwH)
<b>Product Optimization (Chemistry)</b>	15%		\$56K

Based on simplified average results from customer sites, which are specific to those individual customer when full Ecolab recommendations were implemented. Results will vary for other customers based on factors and circumstances in their operations.

## Ready to outrun your current CIP process?

Ready to uncover hidden opportunities to reduce downtime, enhance sustainability, and improve product quality? visit [ecolab.com/CIPIQ](https://ecolab.com/CIPIQ) to learn more.