



HOW CAN YOU DEFEND YOUR  
DECISIONS AND STRATEGIES?





THE CHALLENGE:

## WATER TREATMENT HAS A HIDDEN IMPACT ON BUSINESS AND SUSTAINABILITY GOALS

It's difficult to strike the right balance with water treatment. You need to safely optimize the performance of your cooling and heating systems—while also conserving water, energy, and chemicals to sustainably operate as a good corporate citizen. Water treatment happens behind the scenes, yet the public is paying closer attention as water scarcity is increasing. And water safety regulations are growing more stringent as *Legionella* is becoming more easily traceable.

All of this scrutiny is making industrial best practices less defensible. For example, under-cycling water helps reduce damage to your equipment, but it uses excess water. Feeding biocide on a schedule helps prevent corrosion and deposition, but it's not intended to impact human health risks. Without clear correlations, operational decisions that seem sound can lead to unintended consequences for your brand.

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But when you partner with Buckman Digital Water, you'll be able to **triage decisions based on defensible outcomes.**

**This is what it takes...**



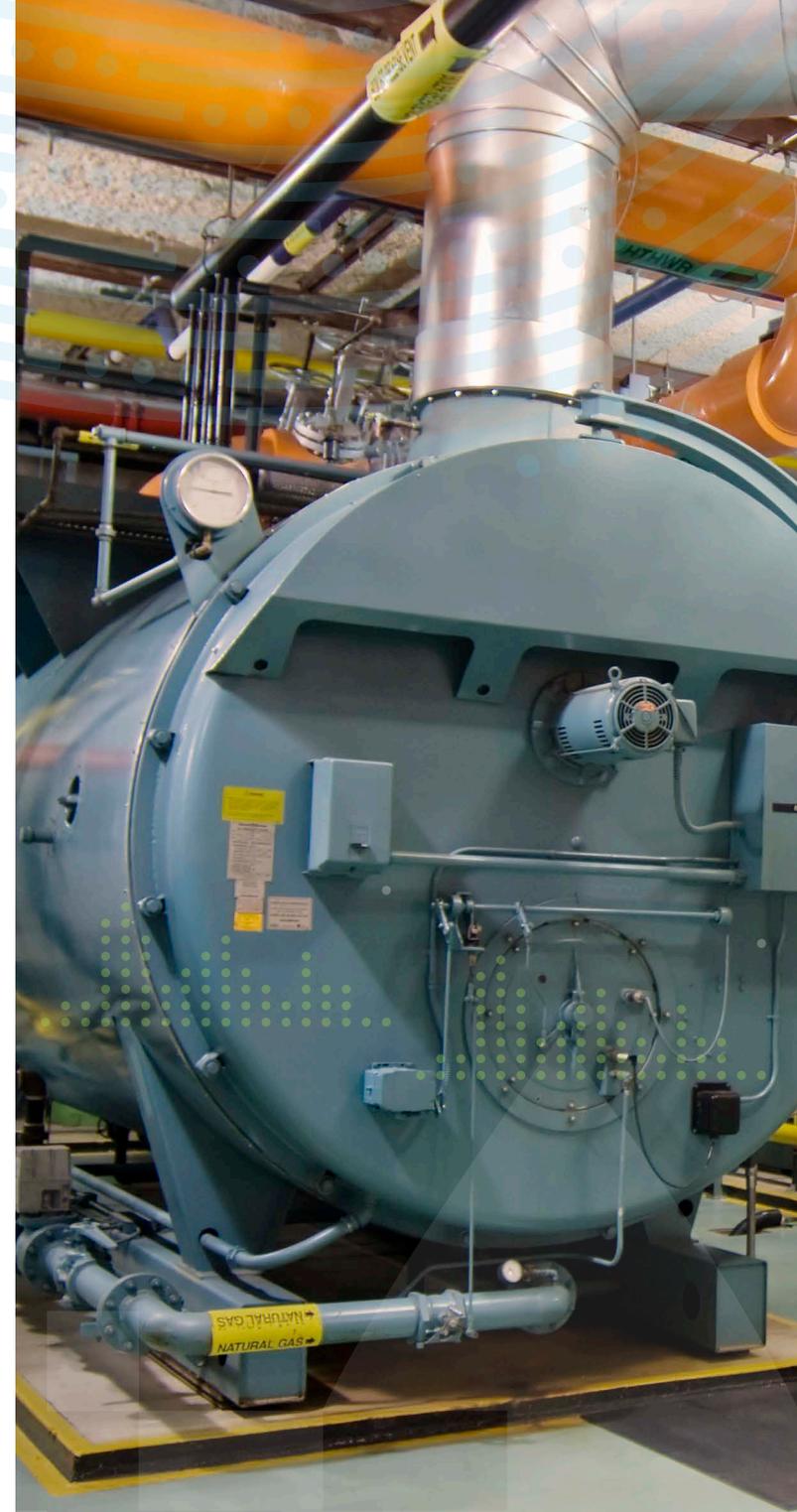
## SAFELY CYCLE YOUR SYSTEM HIGHER WITHOUT INCREASED LABOR COST

Cycling your water helps you conserve, but it also concentrates minerals and forces you to watch the system more closely. With Buckman Digital Water, you can safely cycle your system higher without increased labor cost. That's possible with our data on outcomes. In addition to technical data, you'll capture and quantify the impact you're making on business metrics like water and energy usage, production, asset efficiency, and more.

For example, with Ackumen™ Program Predictor, you can determine safe cycles of concentration with a program tailored to your system, not general water makeup for your location. When in operation, the Ackumen™ platform gathers more accurate data so that you know exactly where you're running in terms of conductivity and pH levels. This way, you can conserve water without worrying about operational tradeoffs.

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Get more **data on outcomes** with capabilities for capturing and quantifying the impact of good or bad water treatment, such as Ackumen™ Insights Lab and Ackumen Program Predictor.





## TRACK YOUR USAGE AS YOU GO

Forecasting your budget is difficult when your water treatment program keeps changing to meet business needs. With Buckman Digital Water, you can track your total spend on a daily, weekly, or monthly basis instead of waiting for the bill. The key is the spend and usage transparency you get with our technology, like the Ackumen™ Smart Dispenser and analytics from the Ackumen Insights Lab. You'll see exactly how much water, chemistry, and energy you're using—not just months after the fact, but as it happens.

When you can track and predict your usage better, you can optimize how you spend. For example, you might buy ahead at a time of year when pricing is advantageous. Or you might predict that you'll run short in six months, so that your upper management isn't blindsided by that future budget request. The bottom line is that you can defend how you're managing the business's resources.



With Buckman Digital Water, you'll have **spend and usage transparency**, easily available information and analysis from our smart technologies, Ackumen™ Insights Lab and Ackumen mobile app.



## VERIFY YOUR CHEMICAL FEED

*Legionella* concerns are driving increased scrutiny around water treatment safety. With Buckman Digital Water, you can verify your chemical feed—in other words, you can prove that you're doing what it takes to minimize microbial growth. That's possible with our health and safety tools, like our OxiSure™ technology that shows you the correct amount of biocide to feed based on your system's needs, not on a standard schedule.

And our Ackumen™ Smart Dispenser tracks what you dispense. Not only can you show that you kicked on the relay, but you can also show a measurable change in water stream to prove the chemical actually made it into the water. By using these tools, you're minimizing the likelihood of microbial growth that causes human health hazards. You're also optimizing your chemistry spend by making sure you don't overfeed biocide. And you're tracking usage so closely that chemicals can ship automatically before they run out.

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Start using more powerful **health and safety tools** that give you the capabilities for microbiological control and worker safety, including OxiSure™, Ackumen™ Connected Lab, and Ackumen Smart Dispenser.

# TRIAGE DECISIONS BASED ON DEFENSIBLE OUTCOMES

Even though every facility needs water to operate, it's hard to prove how effective water treatment can make a real difference at the business level.

With Buckman Digital Water, you can triage your operational decisions based on defensible outcomes.

**As a result, you'll be able to:**



Conserve water without worrying about operational tradeoffs



Defend how you're managing the business's resources



Optimize your chemistry spend and track usage so closely that chemicals can ship automatically before they run out

**To get started, please see our website for more information.**

