

TURNING A CRITICAL BOTTLENECK INTO A BREAKTHROUGH WIN.

When a mission-critical industrial operation began falling behind schedule, the pressure mounted. Delays impacted both production targets and the people responsible for delivering one of the industry's most complex processing efforts. A persistent bottleneck was limiting throughput and threatening timelines. That's when the team partnered with R.E. Mason to take a new approach—one focused on data, collaboration, and sustainable improvement.

FROM HIDDEN CONSTRAINTS TO CLEAR INSIGHT

The operation's filtration system had long been the choke point in the process. Traditional troubleshooting had reached its limits, and incremental fixes weren't moving the needle.

The team collaborated with R.E. Mason to unlock deeper process understanding. By combining advanced data analytics with hands-on subject matter expertise, the teams began developing targeted use cases that revealed what was truly happening inside the process, insights that simply weren't visible before. As confidence grew, so did momentum.

EMPOWERING ENGINEERS WITH DATA AND ACTION

R.E. Mason worked side-by-side with site SMEs to:

- Apply **Seeq Data Analytics** to identify root causes driving filtration issues
- Perform **valve loop tuning** with the lead contractor to stabilize and optimize control performance
- Translate analytics into **practical process changes** the operations team could act on immediately

The filtration system was stabilized, constraints were removed, and the former bottleneck disappeared.

MEASURABLE IMPACT WITH MISSION-LEVEL RESULTS

The improvements delivered tangible, business-critical outcomes:

- **8% increase in overall throughput**
- **\$250 million in estimated cost savings**
- **Operations targeted to be completed 3 months earlier than planned**

What began as a focused troubleshooting effort evolved into a broader digital transformation. The customer continued investing in Seeq, successfully navigating the cybersecurity approval process for SaaS deployment and expanding adoption across the organization.

A FOUNDATION FOR WHAT'S NEXT

This story isn't just about fixing a bottleneck, it's about enabling people with the right tools and partners to solve their toughest problems, faster. By leveraging **R.E. Mason's control and process expertise**, the customer now has a repeatable framework for continuous improvement.

When your process can't wait, insight makes the difference. What bottleneck could your team eliminate next with the right data and expertise?