R.E. MASON
Emerson Impact Partner

MODERNIZATION UNDER PRESSURE:

HOW ONE FACILITY TURNED RISK INTO $37.5M IN ADDITIONAL REVENUE

For years, a major manufacturing site continued operating on an obsolete, unsupported control system. Each delay in modernization increased the risk of catastrophic failure. One failed component could cripple the plant for days, weeks, or even months.

But production demand kept winning. The outage window needed to replace the obsolete system seemed impossible... until it wasn't.

A SMARTER APPROACH TO MODERNIZATION

R.E. Mason designed a modernization strategy focused on one priority: **protect production while upgrading the system.** Using Emerson modernization tools and a dedicated project team, the plan minimized outage duration without compromising safety or quality.
The approach included:

- **Reduced cutover effort** by limiting field rewiring and eliminating key risk points.
- **Full offline simulation** to test logic, validate performance, and ensure readiness before shutdown
- **A 24/7 cross-discipline strike team** supporting controls, instrumentation, electrical, and operations throughout the outage

FINISHING EARLY. STARTING STRONG.

The modernization was completed **one full week early.** Instead of sitting idle during what should have been the final outage week, the plant produced **12 batches.** After startup, operators quickly returned to full output running **22 batches.**

A $37.5 MILLION ADVANTAGE

The early restart and above-plan performance delivered:

- **27 additional batches**
- **$1.39M per batch**
- **$37.56 million in added revenue**

Beyond the financial gain, the project eliminated the extreme risk of operating on an unsupported system.

MORE THAN A MODERNIZATION

The revenue impact was substantial but the real value was confidence. R.E. Mason helped the customer move from operating on the edge of failure to running on a **modern, reliable, fully supported platform,** without sacrificing production to get there.

READY TO TURN YOUR MODERNIZATION CHALLENGE INTO A COMPETITIVE ADVANTAGE?

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