



EWI

# CASE STUDY

EWI has streamlined their laboratory operations and supported sustained growth over the past decade with Wavefront LIMS.



## Introduction

EWI stands at the forefront of engineering consultancy, operating a state-of-the-art manufacturing technology laboratory that serves as a cornerstone for industrial innovation. With their comprehensive testing capabilities and deep technical expertise, EWI empowers clients to identify and implement optimal solutions for complex manufacturing challenges.

Over the years, as their operation expanded, EWI recognized that maintaining their position as an industry leader required a laboratory information management system (LIMS) that could match their exceptional standards for precision and efficiency.

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“[Wavefront] had a lot of experience working with mechanical and metallurgical testing labs.”

- Brad Nagy, Engineering Manager

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## The Journey to Wavefront

EWI's data management journey began with Microsoft Excel spreadsheets, which initially met their basic needs. However, as their operations grew more sophisticated, the limitations of this approach became apparent.

## EWI - At a Glance



- **Employees:** 100+
- **Location:** Columbus, OH
- **Primary Industry:** Manufacturing Technology
- **Primary Services:** Engineering Consultancy, Welding, Materials Testing, Metal Forming, NDE



The company first attempted to address these challenges by commissioning a custom-built system, but this proved to be both costly and ineffective, leading them to revert to their Excel-based workflow.

Brad Nagy, Engineering Manager at EWI, recognized that maintaining competitive advantage required a more robust solution. After evaluating several LIMS providers, Nagy arranged an on-site demonstration with Wavefront Software. Drawing on decades of experience supporting advanced materials laboratories, Wavefront demonstrated a deep understanding of EWI's unique challenges and requirements. The company's approach stood out for two key reasons: the system's exceptional configurability and its competitive pricing structure.

The decision to partner with Wavefront Software was made over a decade ago, marking the beginning of a lasting relationship that continues to support EWI's growth and evolution.

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“The customer service aspect of [Wavefront] was great.”

- Brad Nagy, Engineering Manager

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## Benefits

Wavefront LIMS has delivered substantial value to EWI through its unique combination of flexibility and power. The system's user-side configurability has proven particularly valuable, enabling EWI's team to:

- Create and modify fields, tests, and workflows without coding expertise
- Automate order creation from quotes, eliminating redundant data entry
- Adapt the system to evolving laboratory needs in real-time

When more complex customization has been required, such as integrating with external systems, Wavefront's technical team has worked seamlessly with EWI's IT department to implement sophisticated interfaces. This collaborative approach has significantly reduced manual data management requirements while enhancing system functionality.

The partnership has yielded measurable improvements in both efficiency and productivity, with Wavefront's LIMS serving as a crucial enabler of EWI's continued success. The system's intuitive interface, coupled with responsive support and powerful automation capabilities, has helped EWI maintain its position as an industry leader while scaling operations to meet growing demand.



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“If you’re looking for something that’s not going to break the bank, that is going to be really good people to work and with and have good customer service, this is the company to call.”

- Brad Nagy, Engineering Manager

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## Summary

EWI's journey with Wavefront LIMS exemplifies how the right laboratory management solution can transform operational efficiency and support sustained growth. From transitioning away from basic spreadsheet management to implementing a fully integrated, configurable system, EWI has leveraged Wavefront's expertise and technology to maintain their position as an industry leader in engineering consultancy.

The partnership between EWI and Wavefront demonstrates the long-term value of choosing a LIMS provider that offers both technological excellence and deep industry understanding. Through user-friendly configurability, robust automation capabilities, and responsive technical support, Wavefront LIMS has proven to be an invaluable asset in EWI's continued success.

Would you like to discover how your laboratory can achieve similar success? Learn more about how Wavefront LIMS can streamline your operations and support your growth objectives. Schedule a personalized demonstration today by contacting our team here: [Schedule a Demo](#).

To learn more about Wavefront LIMS and our features for Advanced Materials Laboratories, visit the advanced materials page on our website: [LIMS for Advanced Materials Labs](#)

## Wavefront Software

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