

# Testing Speed, Faster

*Learn how an engineering consulting firm improved their tests for calibrating Material Handling Equipment (MHE).*

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**Type of organization:** Engineering Consulting Firm

**Country:** Canada

**Problem:** Testing the speeds of Material Handling Equipment (MHE) is tedious and time consuming, requiring a stopwatch, paper, and seemingly endless hours of manual data entry.

**Objective:** Find an improved method for data collection and eliminate manual data entry, which will allow the firm to spend time with the client on other value added activities.

**Methodology:** Time studies using handheld computers.

**Measures:** With the help of UmtPlus™ software developed by Laubress Inc., the Engineering Consultants programmed the various testing criteria required to benchmark the speed of the Material Handling Equipment.

**Results:** On average, the Engineering Consultants found that their study time per piece of equipment was reduced by 60%, and the manual data entry time was eliminated.

With one click, all of the collected information was instantly compiled, allowing the final data analysis to be completed within days, instead of weeks, of completing the speed testing. The results stunned the continuous improvement team.



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Laubress Inc facilitates and optimizes the process of conducting audits, inspections and work measurement studies for improvement initiatives, by leveraging handheld computing tools and Tablet PC.



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