



# Professional time study app for MHE speed testing

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- Engineer Consulting Firm

## Case Study: UMT Plus software used in Material Handling Equipment calibration

### Country:

Canada

### Type of organization:

Engineering Consulting Firm

### 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 UMT Plus software developed by Laubrass 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.