



Learn how a manufacturing plant in Montreal has combined our time study software with their Kaizen approach to almost double the amount of trucks that they are able to produce.



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Case Study: UMT Plus Time Study software for Manufacturing

The Continuous Improvement Department at a leading truck manufacturing plant is seeing results from their Kaizen-related efforts. Their goal is to double the number of trucks that they manufacture in a day, by optimizing their resources while maintaining excellence in quality performance. As part of their improvement project, they needed to know the precise amount of time being spent on non-value-adding tasks at each assembly station, in order to optimize their operation.

The Challenge

At this plant, in Montreal, work measurement studies used to be done the traditional way with a stopwatch and a paper form to evaluate value-added and non-value-added tasks during their process. **"We needed a better system,"** the Senior Production Coordinator explained.

"When we were using stopwatches it was very hard to collect task times, having to hold the stopwatch and write the information at the same time. The results were not accurate, and the data collection was not easy."

The Solution

After researching their possibilities, the Continuous Improvement Department opted to invest in UMT Plus, the highest quality work measurement tool that leverages handheld devices. This software, developed by Laubrass, facilitates and optimizes the data collection process. After customizing their study to suit their needs, five handheld computers were uploaded with the required information and given to employees. **After a mere two hours of training, they were sent into the plant where they evaluated some 70 assembly workers in just three days.**

"Now with UMT Plus, it's simple, you just need to click on the appropriate icon, and your time is logged."

The Result

Once the tasks have been accurately timed on their mobile device, the results are uploaded to the computer without having to do any data entry, **"It's so simple,"** says the Project Coordinator. Another benefit of using the software that they have noticed is that the employees on the assembly line prefer to see phones or tablets rather than a stopwatch. ***"It's easier to demonstrate that we are just aiming to reduce the non-value-added activities in our assembly operation to improve efficiency. It's not as intimidating as the stopwatch system."***

"UMT Plus has made our work measurement process easier and definitely more accurate."

Using the data from the UMT Plus work measurement studies, this manufacturing plant has been able to identify where to implement solutions, ultimately increasing their productivity.