

# **Debrich Joinery & Empower Workshop Productivity & Scheduling Software App - Case Study**

(Sydney, NSW, Australia)(13/10/2020)

Empower Manufacturing and Engineering Software. Job and Staff Time Tracking & Job Scheduling - Using 2nd hand PCs on Your Factory Floor



*“On Empower Software we track our 3 teams of staff including all our workshop staff, our design staff and our installation staff off site*

*Job times reported down to task level is key. Our Job stages which we have times on every Job are 1) Design 2) Machine 3) Assemble and 4) Install*

*I estimate our jobs are completed in 15% less labour time overall therefore 15% less labour cost on our jobs*

*Four ingredients of high quality information from Empower Software 1) real time reporting 2) accurate to the minute times 3) Job times down to task level and 4) reporting individual staff involved in each task on the Job and their actual times involved. With this high quality information in most cases we can fairly and accurately pin point issues and discuss the issues openly and positively”*

Core Products Manufactured (or Core Business)	Complete Residential Joinery Solution including kitchens, vanities, bedroom cabinets, wardrobe units, vanities, entertainment units, outdoor kitchens, cellars, etc
% Production is custom made - one off designs (each job different to the last)	100% of our joinery is to each client's/Architect's designs so every job is always custom one off and always different
Any Key Background Information	
# Factory Floor Staff	12
# Total Staff	27
Annual Revenue (approx)	\$5m to \$6m revenue annually
Factory and Office Size m2	1100 square metres
# Machinery types	2 Weeke CNCs
Geography Serviced	Sydney
Staff Times on Jobs Recording prior to Empower	“Cheat sheets” my workshop staff at the end of the day had to remember and record manually all the jobs they worked on. They also had to remember and record (and in many cases guessed) the start and finish time of each job therefore the time they spent on each job was distorted
Years in Business	26
Associations and any positions held	Australian Cabinetmakers & Furniture Association (ACFA)
Staff Groups Tracked on Empower	On Empower Software we track our 3 teams of staff including all our workshop staff, our design staff and our installation staff off site
Year we started using Empower	2015
# Tablets on the Factory Floor with Empower on	2 touchscreen PCs for workshop staff to access their jobs and start and finish on each job
# Of our Managers using Empower	2
# 50 inch TV Monitors Office / Workshop Walls	1 50 inch TV monitor on our office wall. We will look at another 50 inch TV monitor for workshop floor wall in the future. Presentation of all jobs, all staff and on times live on 50 inch TV monitor for all to view throughout the day is invaluable reporting
Estimated Productivity Increase achieved using Empower Software	I estimate our jobs are completed in 15% less labour time overall therefore 15% less labour cost on our jobs

**What I like about this technology?**

Key Points we have found Empower Workshop Productivity and Scheduling Software:

- 1 Empower's job times reported in real time is key
- 2 Job times reported accurate to the minute is also key
- 3 When we Job Cost a Job after job completion to see how we have gone on the Job and, for example, our Actual Time on Job is 40 hours and our Budgeted Time is 37 hours, which is a 3 hour “blowout” on the job, we have high quality information to assess and discuss with other management and workshop staff to determine whether I quoted the Job wrongly in the first place or I quoted the Job right and the workshop staff did not perform as they should have on this particular Job.

Four ingredients of high quality information from Empower Software 1) real time reporting 2) accurate to the minute times 3) Job times down to task level and 4) reporting individual staff involved in each task on the Job and their actual times involved. With this high quality information in most cases we can fairly and accurately pin point issues and discuss the issues openly and positively

4 Job times reported down to task level is key. Our Job stages which we have times on every Job are 1) Design 2) Machine 3) Assemble and 4) Install

Anyone is welcome to phone me to discuss this case study  
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**PLEASE FORWARD THIS EMAIL TO A COLLEAGUE IN NEED OF HIGH WORKSHOP PRODUCTIVITY OR SCHEDULING**

Please forward this email to someone you know who owns or is management in any Joinery, Engineering or other jobbing Manufacturing business throughout Australia or New Zealand. Particularly to those people and businesses who might be struggling to manage their jobs and their labour or struggling to retain previous or expected profit levels.

We hope the insight above of a leading manufacturing and engineering business above is of interest and helpful. Please advise by reply if you wish to opt out