

Factory Productivity Advice - Peter Tresidder & Empower Factory Productivity & Job Scheduling Software - Case Study

(Melbourne, Victoria, Australia)(19/01/2017)

Empower - For progressive Joiners, Engineers and all Other Manufacturers.



"PC's on the factory floor and Empower Software delivered the following results: daily and weekly factory Downtime reduced by on average 50%, times on manufacturing jobs, therefore labour cost of jobs, reduced enormously, more jobs were delivered on time, job profit and annual profit increased enormously, stops all factory staff non sense of not working efficiently and concealing poor performance in their manual time sheets, factory staff manage and increase their own performance... "

Current Business	Factory Productivity Advice to all forms of joiners, engineers and all other manufacturers
Client Base	All forms of manufacturers
Credentials and CV	Diploma Of Competitive Manufacturing (MSA51108) Manufacturing Business Ownership, 28 years Factory Productivity Advice - On Call, 2 years

	Cabinet Makers Association, 15 years (CMA Australia)
Clients time recording I have seen prior to Empower Software	<p>'Lie sheets' and 'cheat sheets' that factory staff fill in at the end of the day. Factory staff can be repeatedly advised to fill in their time sheets as they work through the day however they always default quickly back to filling them in at the end of the day. In one business we ran manual time sheets in parallel with Empower Software for a month however at the end of the first week we found the times on jobs recorded by Empower were highly accurate to the minute and were shocked to find the times recorded on jobs on the manual time sheets most were out by 33% to 100% in most cases. We discussed this with factory staff to find the inaccuracy of manual time sheets resulted from the following reasons; at the end of the day factory staff not being able to remember their start and finish times on many jobs, staff forgetting jobs they worked on therefore forgot to record the job and time, staff forgetting to record jobs and time they assisted other staff on their jobs, staff not recording Downtime jobs and associated time and the time instead being 'swept under the carpet' and instead being added to other manufacturing jobs to make up their 8 hour day and staff advising us that other staff were bringing down times on some manufacturing jobs to that they believe we wanted to see and putting down time to either Downtime or other manufacturing jobs to make up their 8 hour day.</p>
Future viability of Joinery, other Manufacturing and Engineering Industries in Australia and NZ	<p>Australian manufacturers and engineers can not compete, in most cases with Asia wage rates of \$2 an hour, little health, safety and environment compliance costs, and substantial Asian government export subsidises provided to their manufacturers. As a result, like Europe and the US many Australian manufacturing and engineering industries have been decimated over the last 15 years by Chinese manufacturers supported by the Chinese government. The majority of Australian manufacturing and engineering will continue to have a very tough time in the future. Australian manufacturers and engineers need to invest heavily and commit fully to all practical factory productivity initiatives in order to survive and compete. PCs on the factory floor and job and staff tracking</p>

	software is one essential factory productivity initiative for all Australian manufacturers and engineers.
Year you became aware of Empower Software	2007
What is involved in implementing Empower Factory Productivity & Job Scheduling Software	Establishing PCs on the factory floor and job and staff tracking software is quick and simple to put in and get working. I recommend a thorough review and detailed documentation all your manufacturing processes prior to implementation of any factory productivity and job scheduling software
Need to have each and all staff highly accountable and highly productive Need for Production Management to have a tool to allow them to have individual staff member times on jobs reported live and accurately	Maximum accountability and achieving expected daily productivity is required of every individual factory staff member is an absolute necessity for Australian manufacturers and engineers Maximum accountability and achieving expected daily productivity is required of production management is an absolute necessity for Australian manufacturers and engineers
Need for Manufacturers to be manage their labour times and costs tightly?	Labour time per job and labour cost per job is manufacturers and engineers core business. If you sell and manage your labour properly you maximise your profit. If you don't sell and manage your labour properly you minimise your profit.

What I like about Empower Factory Productivity and Job Scheduling Software

PC's on the factory floor and Empower Software delivered the following results:

1. daily and weekly factory Downtime reduced by on average 50%
2. times on manufacturing jobs, therefore labour cost of jobs, reduced enormously
3. more jobs were delivered on time
4. job profit and annual profit increased enormously. For example as a guide, a 10% increase in your factory productivity will increase in your annual profit by 30%+. A 20% increase in your factory productivity will increase in your annual profit by 60%+.
5. stops all factory staff non sense of not working efficiently and concealing poor performance in their manual time sheets
6. factory staff manage and increase their own performance
7. provides production management and owners with the information to reward factory staff who perform consistently, and speak openly, fairly and frankly with factory staff who don't perform consistently
8. accurate live times on jobs that factory staff cannot refute in discussions
9. accurate history of times taken on jobs to ensure future quotes are accurate
10. tracks all teams of staff in the business including factory staff, pre production staff in the office and site staff

Empower Support?

11. Empower's software development policies are firstly, all client requested improvements are developed free of charge and secondly all developments 'go into the boiling pot' and all clients get all developments every fortnight. So every

Empower client benefits on going from all the good ideas from 200 other Empower clients. So in effect all Empower clients are in one factory productivity association all working at improving their production software and business. As a result the software is being further developed at quick rate.

Return on Investment?

12. The price of Empower is a small amount weekly, for example \$130 per week, for tracking 10 factory staff, dropping to \$44 per week in 2 years. The average 10 factory staff manufacturer using PCs on the factory floor and Empower will as a guide generate an additional 70 hours production per week at \$80 per hour charge out is \$5,600 additional income per week. If in the \$5,600 additional income per week the associated materials cost was \$1600 (28%) then additional profit would be \$4,000 per week.

Factory Productivity Increases?

13. Speaking with a wide range of manufacturers and engineers with PCs on the factory floor and Empower factory productivity and job scheduling software over 9 years the factory productivity increases exceeds 25%

My Over Riding Advice?

14. I would not under any circumstance run any manufacturing or engineering business without PCs on the factory floor and good factory productivity and job scheduling software.

Please phone me I welcome discussing the above or any questions you have with you.

Peter Tresidder
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Accredited Advanced User of Empower Factory Productivity & Job Scheduling Software (8 criteria).	
1. Years in Joinery Industry	40+
2. Years in full time Production Management / General Management in Joinery Industry	30
3. Years marketing and implementing Empower Software	5 Now Retired
4. Number of Joinery clients using Empower Software	7
5. Number of Joinery or Engineering factories implemented Empower Software on consultancy basis	7
6. Advanced User of Empower Software (rated by Empower Software HQ - 1 to 5, 5 being highest)	5
7. Sound track record of achieving significant factory productivity increases on factory floor in all roles using Empower Software (rated by Empower Software HQ)	See case studies for Peppertree Furniture, Comace Furniture, Pfitzner Furniture
8. Joinery Experience by Industry	Commercial Furniture / Solid Timber Furniture / Commercial Joinery