

Longveld Engineering & Empower Factory Productivity Software Case Study

(Hamilton, New Zealand)(29/02/2016)



Core Products Manufactured (or Core Business)

Longveld is a world class manufacturer of primary processing systems for air, water steam and food. We are experts at food grade sheet metal fabrication of specialist process and packing equipment, tanks, silos, ducting electrical cabinetry, conduit and trunking Stainless fabrication and welding. We have over 10 years' experience in road tanker fabrication. Longveld has a long standing contract to fabricate, retrofit and maintain Fonterra's milk tanker fleet and we carry out tanker wine repairs for Alexander transport. We also manufacture Dairy Hot Water and Iron out filtration systems for on-farm application.

For more detailed information please refer to our website www.longveld.com

% Production is custom made - one off designs (each job different to the last)	Approximately 95% of our work is customer engineered.
Any Key Background Information	<p>We have been using both MYOB Exonet as our accounting software since 2003 and in 2008 we purchased Empower Factory Productivity Software. The Empower software gave us the ability for all workshop staff to book their time directly onto jobs electronically and we were able to upload these times on a daily basis directly into our accounting software, thus saving a large amount of administration time and giving us more timely information.</p> <p>We are currently progressing the Empower cloud version and also working on a link so that information flows in both directions, this will enable us to automatically upload jobs from Exonet into Empower saving more administration time.</p>
# Factory Floor Staff	46
# Total Staff	61
Annual Revenue (approx)	Approximately \$10m
Factory and Office Size m2	3,500 metres
# of CNCs	N/A
Geography Serviced	We are located in the Waikato but service the whole of New Zealand. We have also completed projects destined for the export market.
Staff Times on Jobs Recording prior to Empower	<p>Prior to Empower we had a manual system whereby our factory staff completed daily timesheets at the end of each day.</p> <p>The significant drawbacks of the manual system that we used to use were:-</p> <ol style="list-style-type: none"> 1. The amount of administration time to key all the times into our Job Costing system 2. The potential risk of error from both employee inserting an incorrect job number to the person keying in the data misreading the job number. 3. The time delay in having accurate information on jobs, it could take up to 3 days for the process to be completed. <p>The potential time delay would make it very difficult for management to act in a timely fashion to check resources with a view to bring a job back on track.</p>
Years in Business	Commenced business in 1993
Associations and any Awards	<p>2009 Westpac Waikato Business Excellence – Business of the Year Winner and Manufacturing Excellence Winner.</p> <p>2002 Deloittes - Ranked 44th in the 50 fastest growing companies in NZ</p>
Staff Groups Tracked on Empower	All our workshop staff
Years using Empower	2008
# PCs on the Factory Floor with Empower on	8
# Of our Managers using Empower	4
Estimated Productivity Gains using Empower	<p>Whilst it is not easy to quantify exact % factory productivity increase using Empower Software I believe we have achieved significant factory productivity increases in the following areas:</p> <p>Factory Staff seeing on the factory PC:</p> <ol style="list-style-type: none"> 1. daily job list and workload 2. budgeted time for each job on job start 3. time through the job as job progresses to keep on track 4. completed time against budgeted time to monitor their own performance 5. any other staff currently logged onto their job <p>Management seeing on the PCs in the office:</p> <ol style="list-style-type: none"> 1. daily job list and workload – to ensure enough work is loaded

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| | <ol style="list-style-type: none">2. time through the job as job progresses to keep on track3. completed time against budgeted time on each job4. any other staff currently logged onto their job5. ability of production manager to speak to staff live on the factory floor about time on current job |
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Key Points on Empower Software:

Empower Management System that our Management use

1. Our main use of Empower Software is for seeing live and accurate times all our jobs to drive factory productivity and job profit
2. We also view Empower screens live to make sure the optimum number of factory staff are on each job and to make sure one is wrongly logged onto a job

We have found Empower a very good and comprehensive labour and production management system. On-going development of Empower is always occurring and support from Empower HQ is good and prompt. I have no reservations in recommending Empower other engineers and other manufacturers.

Please feel free to phone me to discuss Empower Software

Mark Callen

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PLEASE FORWARD THIS EMAIL

Please forward this email to someone you know who owns or is management in any Joinery, Engineering or other 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.