

Chuck

From: Keith Howard, Zebulon Solutions LLC [keith@zebulonsolutions.com]
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To: chuck@zebulonsolutions.com
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Zeb's Quarter

My namesake, Zebulon Solutions, is three years old this here month.

Seems like just yesterday that Chuck, Keith and I sat on them folding chairs in an empty room and plotted this here company out.



Congratulations!

[Zeb](#)



Ode to the Quality Department

We have spoken about quality and the importance of it in the past but recently it has reared it's *challenging* head once again. Quality is one of the components of doing business that doesn't find a place in our hearts until we have a problem. Engineers loath it as it causes the design development process to slow down to complete the DFMEA. Operation managers despise it as it takes away their operators for key days to complete the PFMEA. Then there is all that documentation and processes and quality submissions to the customer. Finally, there is the cost. Oh my, and what having that quality department does to the bottom line! That is until the product validation goes through with no major issues, line setup goes almost too smooth and the warranty issues after six months are negligible. Doing the math, quality planning pays for itself in the long run by eliminating design respins, rework and irritated customers. Quality planning works....

** Happy Birthday!
* Happy New Year from
Colorado*



Give us a call, we can help.

Zebulon Solutions started as a services company centered on assisting companies like yours to getting your products into production faster, cheaper and above all smarter. This is what we have done for collectively more than 100 years. But, for now, enjoy the slow down and the Holidays. You deserve the break. Good work.

Keith

Featured Blog

PPV-Hidden money in outsourced manufacturing

There are three letters that anyone who outsources manufacturing should know: **P.P.V.**

Stands for Purchase Price Variance. It's an accounting term actually, used to account for the difference between the the actual price paid to the vendor(s) and standard cost of a purchased component or assembly. PPV is a balance sheet item and accumulates debits and credits of these differences. Eventually PPV is "emptied" to the P&L, either for good or bad.

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Chuck

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