



YGL 4.0 ERP INTEGRATION TO INDUSTRIAL MACHINE@PSDC

YGL assisted PSDC in setting up the first 4.0 ERP integration to German industrial machines in Malaysia.

Factories who are interested to study Ind4.0 machine integration may visit the PSDC LAB @Bayan Lepas, Penang .





BUSINESS INSIGHTS

HOW ERP IMPROVE YOUR BUSINESS GROWTH

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- ☐ REAL-TIME MONITORING IMPROVE THEIR BUSINESS
- ☐ MAKING INVENTORY RECONCILIATION MORE EFFICIENT
- ☐ ACCURACY OF TRACKING PRODUCTION TIME, DOWNTIME, TOTAL PARTS CREATED, REJECTS AND PARTS TO BE PRODUCED
- ☐ TRACKING MACHINE UTILIZATION, SCRAP AND DOWNTIME REPORTING

Manufacturing is a digitally driven business, where analytics, mobile apps, quality management and real-time monitoring are pivotal technologies that enable faster growth. Manufacturers provides insights into how these technologies are enabling more profitable revenue growth, reducing costs, time-to-market and improving quality. It's evident from the survey results that high-performance manufacturers combine analytics and Business Intelligence (BI), mobility, quality management applications, and real-time monitoring to gain a clear, 360-degree view of their shop floors. High growth manufacturers with plant locations proliferating on a global scale are setting the ambitious goal of having 360-degree views of their shop floors anywhere in the world at any time.

Manufacturers are maturing quickly in their adoption and use of analytics and BI. The majority expect to access dashboards and reports on tablets and smartphones anywhere, anytime. According to the manufacturing respondents, having accessibility to analytics and BI reporting on tablets and mobile devices is essential to running their production operations. High-performance manufacturers in the survey have assimilated analytics, BI, mobility, and advanced Manufacturing Intelligence into daily operations. They're relying on analytics and BI to predict outcomes and plan production with a much greater level of precision than ever before. This survey's goals include determining which factors have contributed to manufacturing growth over the last 12 months, how manufacturers measure product quality, determine the level of importance they place on mobility, assess their level of interest and adoption in analytics, and gain insights into how they are using real-time monitoring.



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ERP CAPACITY PLANNING IN MANUFACTURING

We Make It Work

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Capacity planning is the best manufacturing practice because it means that a company uses resources based on how many items can be expected to be made. When done within an [ERP platform](#), this gives a company several advantages such as:

- With Capacity Planning, a company can more accurately manage throughput more efficiently over time and can consider seasonality and other surges and proactively address them within the organization as they occur.
- Because data, routing, BOMs, and other components of the ERP system can be utilized, capacity planning has access to past data to help understand labor costs, inventory, and other costs associated with adding capacity if needed.
- Because a company has medium to the long-term understanding of its capacity, it can plan increases to reduce lead times and allow for a balanced product mix. This improves

Today's ERP systems allow manufacturers to be more agile and flexible in their decision making. They also allow them to operate with a level of accuracy, efficiency, and sophistication on par with larger companies. And for those that chose to utilize capacity planning within their ERP system, there are many benefits to doing so.



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Looking for e-Kanban and YGL
ERP4.0 integration in Industry 4.0.

e-KANBAN AND YGL ERP4.0 to
improve your lean manufacturing

YGL ERP serves the supply chain
best by forecasting and predicting
demand based on historical and
current data.

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We Make It Work