







**JANUARY 2021** 









## 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.









Manufacturing is a digitally driven business, where analytics, mobile apps, quality management and realtime 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 combine manufacturers 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.

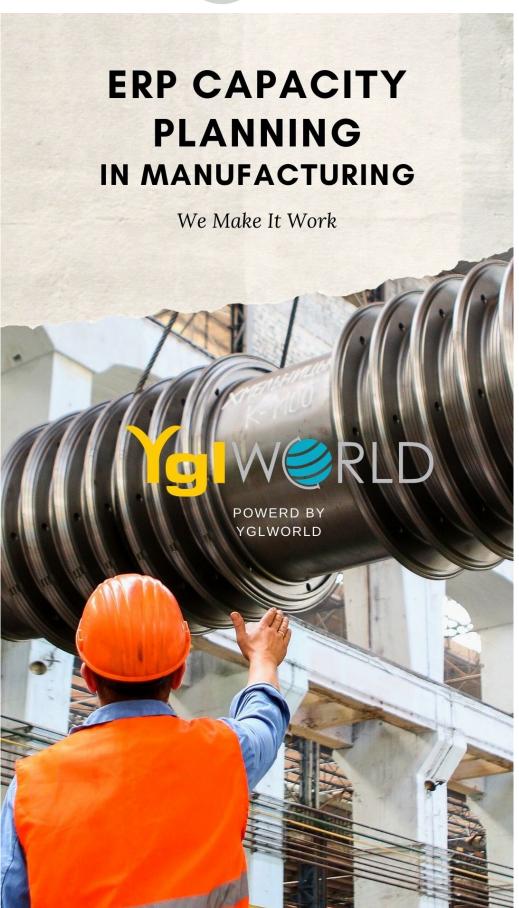
Manufacturers are maturing quickly in their adoption and use of analytics and BI. The majority expect to access dashboards and reports on tablets and smartphones anywhere, anytime. According to the manufacturing respondents, having accessibility to analytics and BI reporting on tablets and mobile devices 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 how manufacturers months, 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 realtime monitoring.







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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 <a href="ERP platform">ERP platform</a>, 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 decision their 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.









Ygl Penang

No. 35, Scotland Road 10450 Penang Malaysia

Tel No : 604-2290619

Ygl R&D Centre Penang

No. 5, Lintang Bayan Lepas 1 Bayan Lepas Industrial Park Phase 4, 11900 Bayan Lepas Penang, Malaysia

Tel No : 604-6303373

Ygl Kuala Lumpur Suite 9-10, Wisma UOA II, Jalan Pinang 50450 Kuala Lumpur Malaysia

Tel No : 603-2166 5928

Ygl Singapore 65, Chulia Street #46-00 OCBC Centre Singapore 049513

Tel No : 65-66706881

Ygl Hong Kong

Workshop A2, 7/F., Hop Hing Industrial Building, 704 Castle Peak Road, Kowloon Hong Kong

Tel No: 852-2609 1338 Fax No: 852-2607 3042

Ygl Suzhou

Room 2205, Building 5, Phase 2, Wuzhong Comprehensive, Bonded Zone Suzhou, Jiangsu China

Tel No : 65685687

Ygl Shanghai

Unit 1502, Kerry Everbright City Tower 2 218 West Tianmu Road Shanghai 200070, China

Tel No: 0086 22 6353 8210

E-mail: info@yglworld.com