



### Our Speakers:



Yeap Kah Phaik,  
Project Director of  
YGL Convergence  
Berhad



Lan Wei Keong,  
Director of Soft Rock  
Technologies Sdn Bhd



Isaac Yong,  
R&D Director of YGL  
Convergence Berhad



Puan Kasturi Devi Appanna  
from Malaysia Productivity  
Corporation (MPC)

### Specially Invited Speaker:



Yeap Kong Chean, CEO of YGL Convergence Berhad

### Webinar

YGL has conducted our first webinar topic **Navigate Your Smart Manufacturing** on 22nd April 2020. A total of 96 participants registered comprising from various of industry players, training providers and government officers in the session.

We would like to express our utmost gratitude to the speakers [Mr. Yeap Kong Chean](#), Senior Project Manager & Consultant [Ms Yeap Kah Phaik](#), Senior Project Manager & R&D Developer [Mr. Isaac Yong](#), Director [Mr. Lan Weng Keong](#) and Assistant Manager [Puan Kasturi Devi Appanna](#) from MPC.



YGL TEAM

# GREETINGS

Happy Chinese New Year

## The Future of ERP **Starts** with Industry 4.0

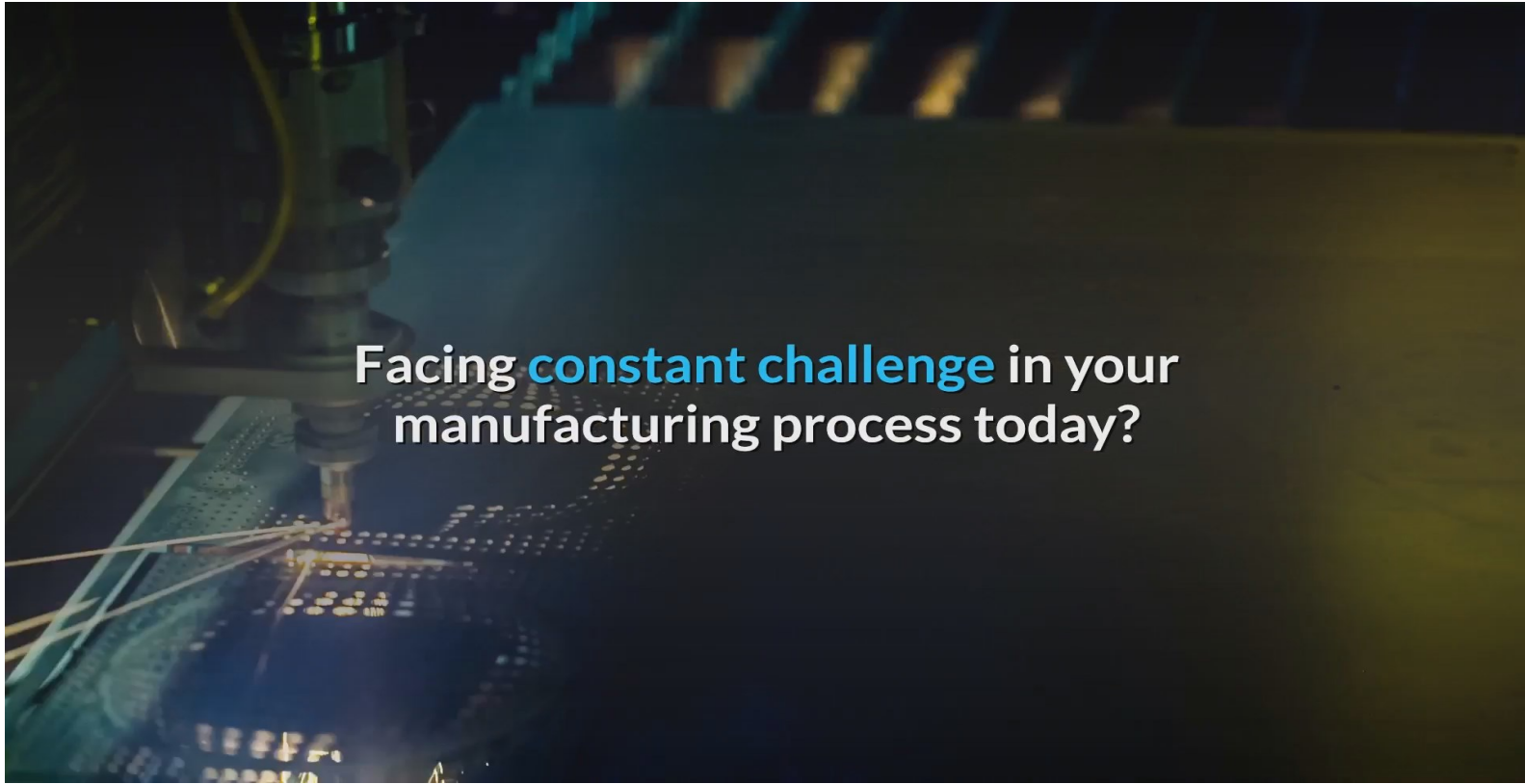


### The Future of ERP starts with Industry 4.0

ERP was initially based on industry and manufacturing and geared predominantly to mass production, an inflexible process that limits the variety of products available to consumers. With mass production, the products produced on one production line are identical, making it very difficult to introduce variety and range to satisfy diverse needs. This type of manufacturing was in direct opposition to customization, a more expensive proposition. Mass production lends itself to only a limited amount of customization, and only when the customer is willing to make it worthwhile for the manufacturer/producer. A minimum order threshold needs to be reached for a new line in order to cover starting costs.

### Industry 4.0

This is, consequently, a useful time to introduce the term and concept of Industry 4.0. Industry 4.0 was first introduced by the German government when they launched a project under the name to digitize manufacturing at the Hannover Messe in 2011. The term clearly hints at the fact that today, the world is undergoing another industrial revolution, brought on by the major shift in power between consumers and producers. This is a direct result of the digitization of everything.



Facing **constant challenge** in your manufacturing process today?

## ERP Follows Suit

ERP, in today's competitive and global marketplace, must adapt to the demand for a leaner manufacturing process, as well as more sharing of information between the manufacturing floor and business systems, in order to achieve new levels of efficiency. ERP providers are obliged to take into account innovations such as the Industrial Internet of Things (IIoT), which is revolutionizing manufacturing by leveraging intelligent, connected devices in factories. Better data and process integration are providing even more opportunities to fine-tune their operations.

ERP systems are known for their ability to manage large amounts of transactional and operational information. This data is typically used to forecast short- and long-term production needs. Today's on-demand consumption models paired with customers' desire for highly customized products require real-time, or live, data. There's enormous potential for real-time information exchange between the business layer and the production layer that could increase operational efficiency, and enable organizations to become more flexible and responsive to customized, changing demands.

Major technological advancements such as cloud computing, the Internet of Thing (IoT), cognitive computing and robotics – to name a few – enable ERP to assist manufacturers with just-in-time data. Live data insights can be applied to production strategies that cater to an on-demand consumption model.





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## ERP is Being Reshaped

The changes that are predicted for ERP are considered to be game-changers. Enhancements like an assistive and conversational user interface will become a primary differentiator in the selection of many ERP systems and associated applications. These interfaces and their underlying intelligence are the differentiating qualities that will profoundly distinguish their system identity.

There's no doubt among ERP producers and their customers that the digital transformation of the economy is reshaping many software applications. Systems that use new technologies — such as machine learning, cloud deployment and predictive analytics — to manage data will become industry leaders and, sooner than later, the norm.



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