

Technology Information System and Fourth Industrial Revolution

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Introduction

- IR 4.0 is the infusion of automation in the manufacturing industry and constantly evolving
- How? - Advanced digitization, Advanced technologies and Efficient resource utilisation
- Why? - Enhanced efficiency

Content of talk

- **Are Malaysia ready for future IR 4.0?**
- Yes ! Prediction shown that Malaysia has been prepared & comparable to the other high tech country like US, Germany, Japan and Korea.
- **3 Factors lead to future of manufacturing in Malaysia**
- Global value chains and geographies of production are continuing to shift
- quality of labour and higher productivity, but not low labour cost
- New technologies are disrupting and fostering a technology based model of production.



Malaysia issues & Challenges

- Demand - (Awareness, Innovation, Digital Readiness & connectivity, Skill Enhancement, High cost of Investment, Best Practices)
- Supply - (Governance, Funding & Innovative, ecosystem Support, training Providers, Standards & Digital Integration, Infrastructure)

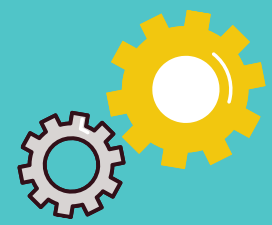
Cybersecurity Malaysia committed to provide :

- People - upskilling, certification and job attachment program, awareness program
- Process - to develop process that is accepted by international standards, Develop process method, SOP and guidelines.
- Technology - to setup labs and test product, Product development & testing, pilot project



summary

The future technology must develop all the 4th IR to maximize the efficiency of the technology revolution in this 21st century. There are so many challenges that our country needs to enable the technologies such as Malaysia must have the best practices by hiring professional guider to produce people who can lead in this field. The awareness in technologies, innovation, digital readiness & connectivity and skill enhancement are the demand of an organization in technology today. So, to bring Malaysia forward Cyber Security Malaysia has provided a way to hone someone's skills by creating knowledge among workers, developing the process that is accepted by international standards and many more to make sure they are ready enough to face the future challenge.



Reflection

- ✓ As we can see today, technology has already been the most important thing that we must have especially when we go to work or even we are in school, we also need to use technology to help us in anything.
- ✓ We as Malaysians must take part in the development of technologies so that we will not be left behind in the field of computing , innovation of technology and information system with other countries.
- ✓ Since the future will depend on technology , so only people who have the basics of IT can make all necessities become a reality which they have to make the world better and make life easier by the use of technology.



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