



IR 4.0: Industrial Talk 2 by Cybersecurity

Introduction

 Industrial Revolution 4.0 refers to a new phase of the Industrial Revolution

 It concentrates intensely on interconnectivity, automation, machine learning and real-time data.

Benefits of IR 4.0 :

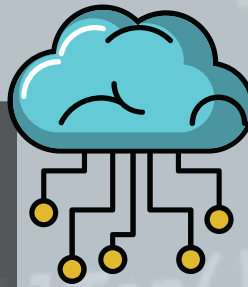
- Offer a wide scope of competitive advantages
- Enhancement of operational efficiency
- Product and service improvements
- Market expansion and the establishment of new markets
- Improving people's lives in general




IR 4.0 in CyberSecurity Malaysia :




- Generate workers that are knowledgeable by enhancing their abilities through a variety of programmes
- Create a process method that is recognised by international standards
- Setup laboratories to develop and test product



Factors influencing Malaysia's manufacturing sector's future :

 Global value chains and production regions are still shifting

 Labour quality and higher productivity, but not inexpensive labour costs

 New technologies are disrupting and promoting a production model that is based on technology

NFT

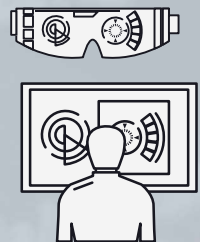
- Non-fungible token
- digital proofs of ownership (bought or sold online)
- recorded on a blockchain (same techno as cryptocurrencies)
 - altering or counterfeiting NFTs will be more difficult

Reflection

The 4th industrial revolution had many positive effects towards human life. By maximize the use of technology in industries, it's facilitate us to do our works especially for those who have business. For example, they can use augmented reality apps to promote their business. The augmented reality apps can create unique customer experiences that blend the best of digital and physical worlds.

EXECUTIVE SUMMARY

The fourth revolution industry is a process that has been initiated by the emergence of technology such as artificial intelligence, augmented reality and autonomous robots. The 4th IR transformed economies by transforming them from being based on farming and handicraft into ones that are based on large-scale industry. New machines, new power sources and new ways of organizing work made existing industries more productive and efficient.



The advancement of technologies

Artificial Intelligence

Simulation

Big data analytics

Augmented reality

Additive manufacturing

Autonomous robots

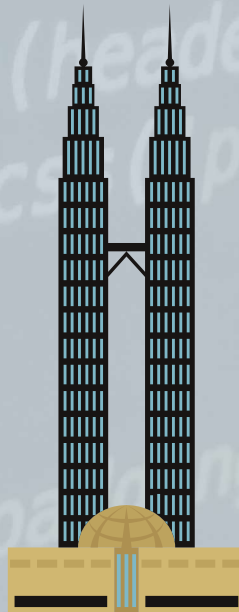
System integration

Advanced materials

Cybersecurity

Internet of Things

Cloud computing



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