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Industry Talk 2
(by CyberSecurity)

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CyberSecurity Malaysia

CyberCSI	MyCert	CyberSAFE	CyberGURU
-Digital forensics service -law enforcement like seizing evidence from crime scene -Gathered and analyse the -Present the results to the court	-The Malaysian Computer Emergency Response Team -handle incoming malware cases and invulnerability -Detect and share the information with other countries	-Cyber Security Awareness For Everyone -Raise and provide awareness to the student, Small Medium Enterprise (SME) and the private sector on cyber security	-A professional training service -Offer training programmes with certification to Malaysian

Industry 4wrd

Malaysia Issues & Challenges
Demand: Awareness, Innovation, Digital Readiness & Connectivity, Skill Enhancement, High Cost of Investment, Practices
Supply: Governance, Funding & Incentive, Ecosystem Support, Training Providers, Standards & Digital Integration, Infrastructure.
Addressing the Issues & Challenges
A - Attract stakeholders to Industry 4.0 and attract investor prefer manufacturing industry of Malaysia.
C - Create the right ecosystem for Industry 4.0 to be adopted and align existing and future development
T – Transform Malaysia's industry capabilities in both a holistic and an accelerated manner.

Industrial Revolution (IR4.0)
What?
-Evolve the manufacturing industry with progressive infusion of automation
How?
-Advanced digitalisation, advanced technologies, efficient resource utilisation
-Higher value-added process
Why?
-Enhanced efficiency
-Ultimately driving competitiveness
-Bring the market value to the services provided by us

WAY FORWARD

The national policy will benefit most sectors, especially Small Medium Enterprise (SME), in improving production efficiency.
-Produce local talents and high-skilled workers to improve the quality of labour in the manufacturing sector.
-Generalisation of the education of science technology among students.

EXECUTIVE SUMMARY

From the industrial talk, some notable information is enabling technologies will enhance human lif. The most crucial aspect is the changes in the criminal. With the enabling technologies like AI, people can utilise that in facial recognition to identify the criminal suspect. Besides, cybersecurity also assists the investigation of criminal cases. For example, Malaysia has a digital forensic service called CyberCSI that assists law enforcement in seizing evidence and collecting data from the crime scene. Then, they will extract the data and analyse it to export into a report then present it to the court.
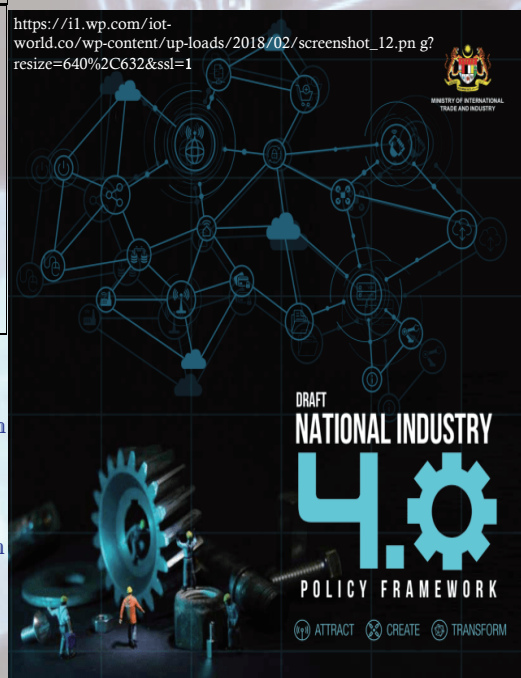
INTRODUCTION

Based the talk by Ms. Sarah Khadijah Taylor from CyberSecurity on 2nd November 2021, the speaker has introduced us to the agency CyberSecurity Malaysia under KKMM. There are several of central departments which are CyberCSI, MyCERT, CyberSAFE and CyberGuru. Besides, the main theme of the talk is about a national policy called Industry4WRD published and launched by MITI to facilitate the digital transformation in Malaysia. The talk cover the national policy is about, how it should be worked on, and why it launched it. There are also meaningful contents related to IR4.0 in the talk, such as transformation drivers of Industry 4.0 and enabling technologies. The issues and challenges that Malaysia faces and how to solve them with the policy that developed, which is Attract (A), Create (C) and Transform (T). At last, the speaker shares some of her experience in the digital forensics department, which is meaningful for us.

https://i1.wp.com/iot-world.co/wp-content/up-loads/2018/02/screenshot_12.pn g?resize=640%2C632&ssl=1

REFLECTION

As a step forward of Malaysia into IR4.0, MITI launched Industry 4wrd, a national Policy on Industry 4.0. Firstly, seven significant transformation drivers of Industry 4.0 were mentioned to improve Malaysia's manufacturing sector, such as efficiency, productivity, quality, and international acceptance of products on the global market. These enable us to compete with other markets from different countries. Besides, enabling technologies such as AI, big data analysis, augmented reality and so on played an essential role in transforming IR4.0 in Malaysia. The fundamental of the IR4.0 could be done only if with the development and improvement of the enabling technologies. Apart from that, there are a few issues and challenges in the field of demand and supply. The policy is developed by MITI called A-C-T - Attract, Create and Transform to encounter the issues and challenges.