

Video Recording Industrial Talk 2, 2
November 2021, Tuesday, 3.00 - 4.30 pm

MALAYSIA PERSPECTIVE BY CYBERSECURITY MALAYSIA



Industrial Talk 2



TIS Group 9



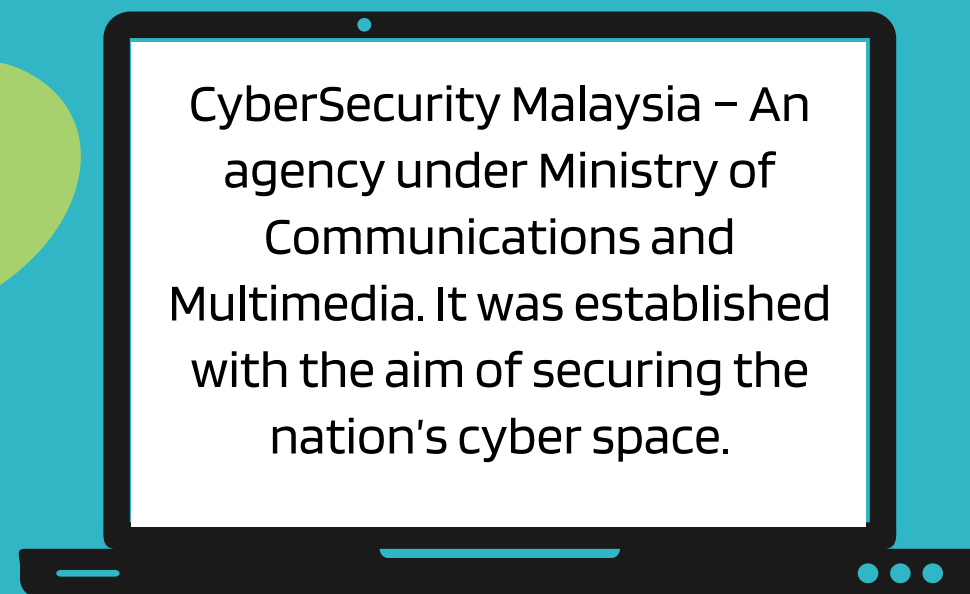
Introduction

• In the IR 4.0 era, Malaysia has faced many issues and challenges in order to be adapted and compete with others' developed countries. This talk will present us what are the issues and how Malaysia creates policy to address these issues and challenges.



• Industry 4.0 Transformation Drivers

- Global economic order
- Technology advancement
- Knowledge & skills
- Global supply chain
- Competitiveness
- Regulations
- Customer behaviour
- Others



Impacts for 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

1. Demand
 - Awareness
 - Innovation
 - Digital Readiness & Connectivity
 - Skill Enhancement
2. Supply
 - High Cost of Investment
 - Best Practices
 - Governance
 - Funding & Incentive
 - Ecosystem Support
 - Training Providers
- Standards & Digital Integration
- Infrastructure



Framework

1. Vision

- Strategic partner for smart manufacturing & related services in Asia Pacific
- Primary destination for high-tech industry
- Total solutions provider for advanced technology

2. National Goals

- • Labour Productivity Growth
- • Manufacturing Contribution to Economy
- • Innovation Capacity
- • High-Skilled Jobs

3. Shift Factors

- • People
- • Process
- • Technology

4. Enablers

- • Funding
- • Infrastructure
- • Regulations
- • Skills & Talent
- • Technology

• Malaysia Moving Forward

- Upskilling and Reskilling
- Inclusive involvement of SMEs
- Significant evolution in innovation
- Focused funding support
- Good digital infrastructure





Reflection

- This talk can increase our awareness about Industry Revolution 4.0 that currently ongoing in Malaysia and global. Moreover, it gives us some hints about how we as a university students prepared ourselves to increase our own employed values in this era. We can also gain a lot of information about what initiatives or policy that Malaysia takes to be able on par with others developed countries.



Executive Summary

- With the current IR 4.0, Malaysia has faced many obstacles to become one of the countries that provide technology-based manufacturing and manpower.
 - Thus, the government of Malaysia has established the policy A-C-T (Attract-Create-Transform) to solve the problems and challenges that arise. The issues and challenges can be classified to two main problems which is demand and supply.
- Moreover, Malaysia has also set the framework to enable the policy move faster and stabler. In this process, Malaysia has been moved forward to upskill and reskill the existed manpower, inclusive involvement of SMEs, provide good digital infrastructure, and focused on funding support.



POSTER CONTENT BASED ON INDUSTRY TALK 2



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