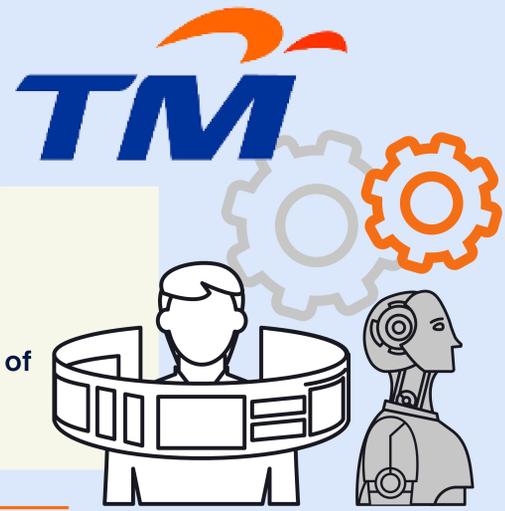


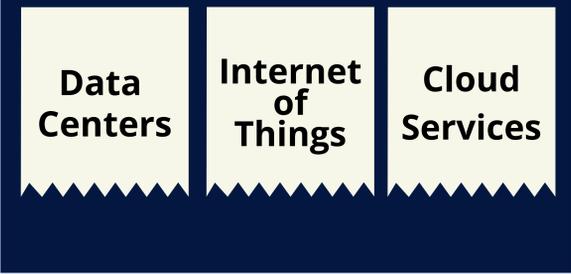
# 4.0 INDUSTRIAL REVOLUTION



## About TM

Telekom Malaysia Berhad (TM), is the national connectivity and digital infrastructure provider and Malaysia's leading integrated telco that offering a comprehensive suite of communication services and solutions in fixed (telephony and broadband), mobility, content, WiFi, Cloud, Data Centre, cybersecurity, IoT and smart services.

## WHAT TM DO TO SUPPORT 4IR ?



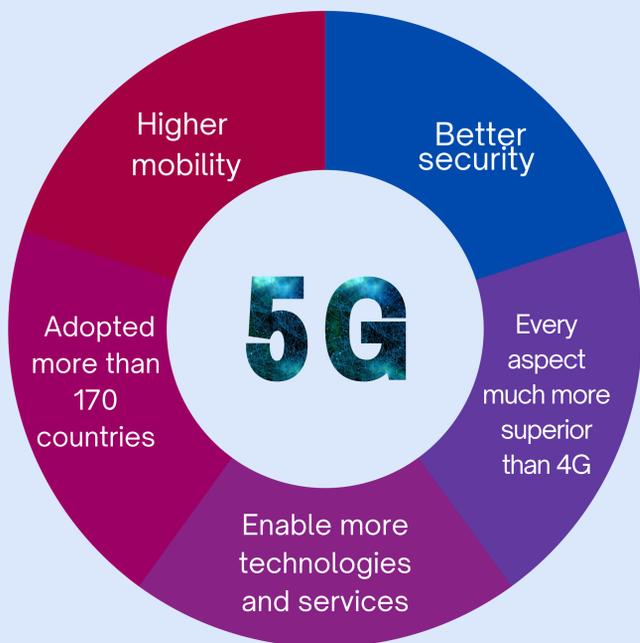
## ADOPTION AREA WITH 4IR



- Cloud/digital
  - servers in the Internet which can store files in the data centers but not in the devices or hardware
  - exp: google drive ,one drive, office 365,...

### • Smart cities

- The urban / cities area that use information and communication technologies for system and services to improve efficiency and quality of life in the area.



### • 5G

- Fifth generation technology standard for broadband cellular networks, which cellular phone companies began deploying worldwide.

## 5G opens up a wide range of use cases such as

- eMBB (enhanced Mobile Broadband)
- urLLC (Ultra Reliable Low Latency Communications)
- mMTC (massive Machine Type Communications)

## 5G use cases focus on job in Creation , Talent Development, Safety and Security.

Exp :

- Smart retail analytics
- Smart water system
- Smart tourism app
- Smart parking
- UNESCO 8k virtual reality
- Smart safety and security

## DIGITAL TRANSFORMATION

### Digitalization of Services

- IT infrastructure digitally
  - AWS
- Enterprise/consumer apps digitally
  - DROPBOX
- Television services digitally
  - NETFLIX
- Telco services digitally
  - SKYPE
- Payment services digitally
  - PAYPAL
- Taxi services digitally
  - GRAB
- Gaming digitally
  - NINTENDO
- Music digitally
  - SPOTIFY
- Education digitally
- Others innovation
  - AIRBNB

## OUTCOME OF DIGITAL TRANSFORMATION

- Innovative business model
- Competitiveness
- Customer experience
- Efficiency



## REFLECTION

We are now able to comprehend the importance of 4IR because of the abundance information gained from the industrial talk.

Due to the expansion of 4IR we could empower and create values for businesses through borderless digital possibilities, connecting Malaysians everywhere inclusively, protecting the nation's sovereignty and critical infrastructure from the intrusion or disaster and much more.

This will greatly elevate the efficiency of a country thus helping the human race to evolve in a much coherent manner.

## SPECIAL RECOGNITION TO : Telekom Malaysia (TM) & Group Members



Nur Immal Hayati  
A21EC0111



Lu Qi Yan  
A21EC0049



Muhammad Izat  
A21EC0082



Aisyah Nadzri  
A21EC0011



Thuvaaritha  
A21EC0137

