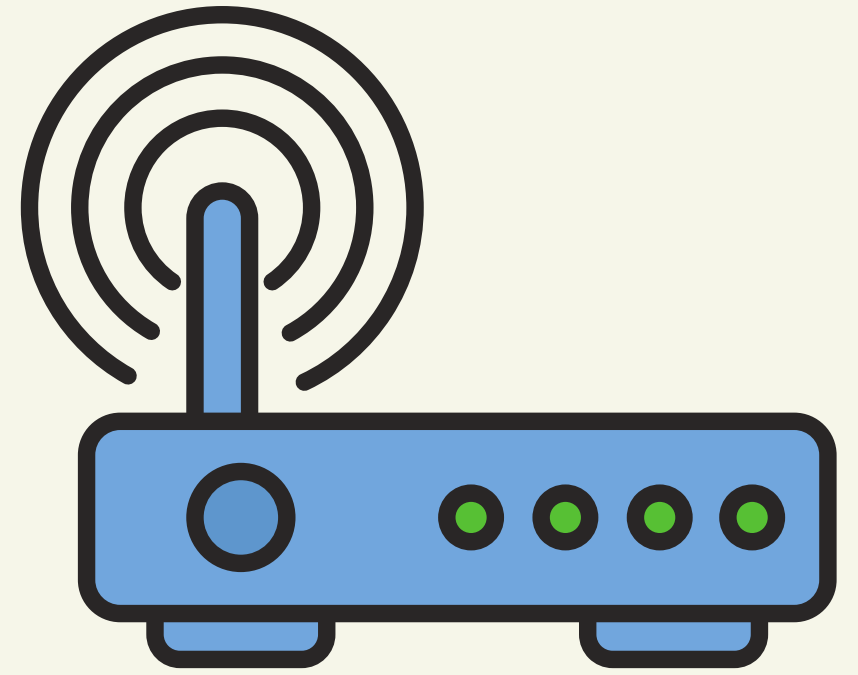# TM Humanizing Technology
Technology Information System and 4IR
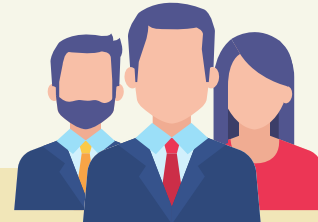
INTRODUCTION

Telekom Malaysia Berhad (TM) known as nasitional connectivity and digital infrastructure provider also Malaysia's leading integrated telco set to enable Digital Malaysia by offering a comprehensive suite of communication services.

TM has been at the forefront of each telecommunication technology evolution of the nation and will continue to do so. It provides the communications backbone of Malaysia and is a digital hub for ASEAN, with the widest convergence connectivity network and digital infrastructure.

BUSINESS CLUSTERS

- Unifi
- TM ONE
- TM Wholesale

HOW 4IR RELATE WITH TM?

The core idea of the 4IR Application Centers is to create a centralised ecosystem that bring together various digital technologies to demonstrate the possible applications in real life manufacturing process. This initiative will be able to educate the manufacturer and facilitate technology adoption which eventually improve their productivity and products' quality.

TM STARTED JOURNEY OF SUPPORT EVOLUTION OF 4IR

- **Data Centers :**
  - Prime Locations
  - Hyper connected & Neutral
  - Global standard & certification

- **Cloud Services :**
  - Virtual Private cloud / Hosted Private Cloud
  - TM ONE
  - Azure Stack

- **Internet Of Things (IOT) :**
  A system of physical thing to embedded software, electronics and connections to allow better exchanging information with others device.

ADOPTION AREA WITHIN 4IR

① Cloud / Digital :
- Market force are driving transformation in business across all verticals, such as :-

- IT infrastructure digitally.
- Enterprise / Consumers apps digitally
- Telco services digitally
- Gaming digitally
- Music digitally
  Education digitally

-Successful Digital Transformation Requires A Strong Digital infrastructure foundation

-Increasing execution performance with mobile & connected workforce

② Smart Cities :
- Technology to intuitively adapt and respond of the need of the cities.

- Managing logistic performance & efficiency with Smart Fleet

- Driving production volume & speed up transaction and managing overall manufacturing performance with Smart Manufacturing Solutions.

-Smart Water integrated management system (SWIMS)

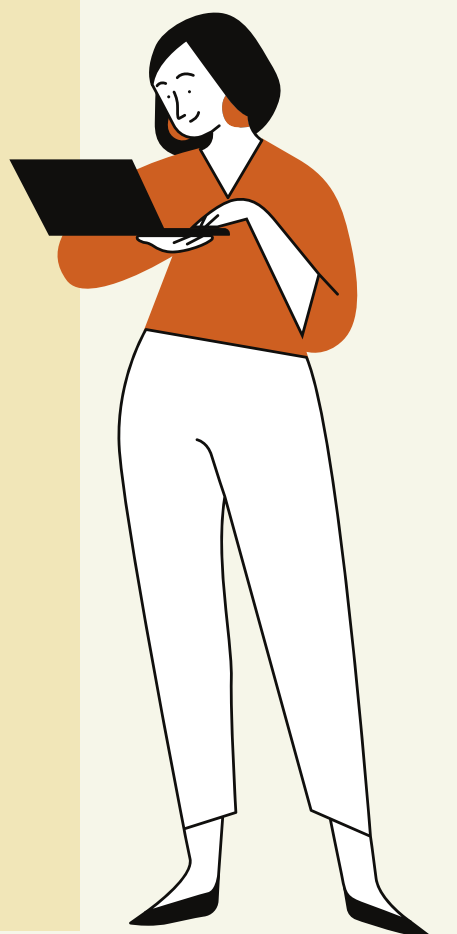-Multiple approach in adopting Smart services for Smart Cities

③ 5G :
- 5G is the next generation mobile network evolution - a unifying connectivity fabric for society and an extensive mobile ecosystem to new industries.

- Open up a wide range of use cases.

- Enhanced Mobile broadband eMBB
- Massive machine type communications mMtc
- Ultra-reliable and low latency communications uRLLC

- 5G Use cases Focus on Job creation talent development, safety and security.

SUMMARY

4IR is very Fourth Industrial Revolution is paving the way for transformative changes in the way we live and radically disrupting almost every business sector including Telecom Malaysia (TM). TM using 4IR benefits to connect all people around the country more easier. It also empowering and creates values for local business based on borderless digital possibilities that brings benefits for the residents.

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