

## INTRODUCTION



The Fourth Industrial Revolution (4th IR) has already begun, changing the way we work to make it faster and more optimized with the use of technology. There are 11 enabling technologies that enable the existence of the 4th IR.



## EXECUTIVE SUMMARY

This poster is about 4th Industrial Revolution (4th IR) that has been shared in the industrial talk which took place on 1st November 2021. This talk was delivered by Mr. Nazmi Edham, Head of Product Design of TM Commercial. This Industrial talk is a part of Technology & Information System Subject (SECP1513). This industrial talk highlights more about the adaptation areas within 4th IR. Many important elements such as 11 use cases has been introduced to us. Apart from that, the speaker also explains about the services provided by TM and what are the upgrades that has been done in the services that they provide during this 4th IR.

## REFLECTION



We learned about the importance of the 4th IR in our lives. Without technological transformation, we will never find the best way to make our lives better either at home or at work. The 4th IR technology helps humans to do the job accurately in a short time with limited effort. Therefore, by knowing the importance and advantages of 4th IR in improving our lives, we can take more action in applying 4th IR technology in our daily activities. We also learn to value our current technology by leveraging it and it also prepares us to adapt to new technologies in the future as technology changes faster.

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# TECHNOLOGY INFORMATION SYSTEM & 4TH INDUSTRIAL REVOLUTION

5G



- The next generation of mobile network evolution
- An unifying connectivity fabric for society
- Much more superior technology as everything is being connected to it (e.g. video call, text messages)
- Opens up a wide range of use cases such as Enhanced Mobile Broadband (eMBB)
- Uses cases focus on job creation, talent development, safety and security such as smart agriculture and smart parking
- TM - Upgrade their customer interaction channel
  - Build twin core data centre to support the development of region



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## CLOUD / DIGITAL

- Provide various of digitalization services such as gaming and education services to benefits many consumers
- Digital infrastructure and foundation is important to build a successful digital transformation
- Digital Insight (product, business or customer analytics) is important in shaping the engagements
  - We are able to build the transformation by aggregating the supply chain or businesses through serving the partners and customers
- 4th IR - Increasing execution performance with mobile and connected workforce



## SMART CITY

- Smart services needs full commitment from local government and private enterprises in implementing smart city
- Vehicle services is a collaboration of multiple party or public-private partnership
- Existing services enhancement upgrades the existing service and refresh the maintenance contract
- 4th IR - Digital solution : Managing logistic performance and efficiency with smart fleet
  - Driving production volume and speed up sales transaction and managing overall manufacturing performance with smart manufacturing solutions
  - Smart water Integrated Management System (SWIMS)