INDUSTRIAL 4.0: PAST, PRESENT, FUTURE

Industrial 4.0 sometimes refer as Fourth Industrial Revolution and is the use of modern intelligent technology to automate

traditional manufacturing and industrial revolution and is the use of modern intelligent technology to automate traditional manufacturing and industrial practices.

Our topic is about industrial 4.0 which consist of the past (people using mechanical power), present (technology like clouds, data, etc), the future (will there be industrial revolution 5?). Why is this important is because we are living in a world that transcended from using mechanical power to robotic power. This is how we are going to evolve from time to time using this power as our first step to the future. We can see many benefit and improvement for our daily lives in this time. So for the future it is very beneficial for us to learn more about the revolution industry so that we are not left behind with the vast undates. are not left behind with the vast updates.

Director, Southern Strategic **Economic Region, TM**

Redzuan Shah Bin Yusoff















Future



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3D Printing



Education 4.0

- Applications had been developed in Era Commerce 4.0
- Shopee, Lazada and others. Advantage is service providers use machine learning technology to study your shopping behaviour.
- Dark side is they cannot nt it on a wide

The development of technology in Education 4.0 enable the students and teachers to use internet for the teaching and learning

Digital Infrastructure, Connectivity and

Services provided to Malaysia

- Digital Government
- · Digital Economy
- · Digital Society

Data Centre 56 Pace

- Organize the cloud services to store, process and distribute data and applications. The use of large-scale
- analytics can also help organizations make influential decisions, such as providing new providing real-time insights.
- provide a safer. sustainable and
- enriching community. For example, Telekom Malaysia has provided 5G services to the government for smart
- tourism in Langkawi. They are now pushing the Digital Nation agenda to provide better services to

As times goes, technology continue to advance and industrial revolution have come to the fourth generation. The life of people nowadays become more convenient compared with before. For Moreover, environmental-friendly electric car was invented that is fully autonomous and could be connected to clouds. Hence, we need to always keep abreast with times by equipping ourselves with times that the property of the country of the count with skills and techniques that enable us to adapt with the new technology such as artificial intelligence and the higher technology in future.

As we all know, The Fourth Industrial Revolution is the continuous automation by using new smart technology, of conventional production and industrial processes.

The purpose of the report is basically to know more about the implementations of Industrial 4.0 that consists of the past, present and also future as stated. It is very significant to know the benefits and the growth of the technologies based on IR 4.0. The main keywords of this report as said by Mr Redzuan are mostly on the revolutions of Industrial 4.0 that are responding to changes to improve innovation speed and are very consumercentered, resulting in faster design processes. Next, we also can see the improvements on education and commerce based on undergone IR 4.0. Last, it also explained how the future will revolve on Industrial 4.0 in helping to get a better technology for many companies that focus on developing IR 4.0.

As a result, the benefits in the case of the Fourth Industrial Revolution are increased efficiency, reliability and process quality, increased security for workers ,enhanced decision-making with data-based tools, improved competitiveness that meet consumer needs, etc. (Industry 4.0: Which technologies will mark the, 2020)

In conclusion, Industrial 4.0 is the product of a technological breakthrough turning point which the path to Industrial 4.0 will be an evolutionary process. The cornerstone for the revolution was laid and IR 4.0 is being moved forward by IoT, cloud, big data, and more. It is necessary for us to know more on what is happening in the development of the current technology as well as in the future in order to build a competitive advantage.

example, we are familiar with online shopping, food delivery service and e-learning recently.

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Made by: Shahril Bin Saiful Bahri, Gui Yu Xuan, Phang Cheng Yi, Nurzarifah Binti Azizan