Salam sejahtera dan Salam Satu Malaysia.

1. Saya berasa amat gembira kerana dapat bersama hadirin sekalian pada majlis pembukaan ASEAN IoT Innovation Forum 2016.

2. Sebagaimana yang tuan-tuan dan puan-puan sedia maklum, IoT merupakan satu fenomena besar yang mampu memacu gelombang transformasi digital, seterusnya muncul sebagai satu sumber baharu pertumbuhan ekonomi negara.

3. Memandangkan majlis ini turut dihadiri oleh peserta dari luar negara, izinkan saya meneruskan ucapan ini dalam Bahasa Inggeris.

Distinguished speakers, ladies and gentlemen,

4. The Internet of Things is changing the world today, very much the same way the Internet did in the 90s, and it is going to continue transforming societies and economies aided by major factors such as growth in cloud computing and Big Data analytics and connectivity between smart devices and machines.

5. On the invitation of the Organisation for Economic Co-operation and Development (OECD), I participated in the 2016 Ministerial Meeting on the Digital Economy: Innovation, Growth and Social Prosperity in Cancun, Mexico.

6. Indeed, I was proud to be invited as a panellist in a panel session on "Tomorrow's Internet of Things" chaired by my Korean counterpart Minister of Science, ICT and Future Planning, Mr. Yanghee Choi, where I spoke on the most promising opportunities for the Internet of Things (IoT).

7. I said it there and I will say it here that we are proud to acknowledge that Malaysia is one of the few countries in the world to recognise the potential of IoT and one of only nine countries globally to have developed a working roadmap on IoT.

8. We are all aware of the key innovations and developments that sparked the past three Industrial Revolutions; ranging from the invention of steam engine, the use of electricity, and computerisation.

9. In the latest industrial paradigm shift, also known as Industry 4.0, the Internet of Things (IoT) is poised to play a revolutionary role in improving the connectivity and communication between people, services and things.

10. We are at the beginning of a revolution that is fundamentally changing the way we live, work and communicate.

11. The Fourth Industrial Revolution is starting taking shape, whether we like it or not. And one of the main pillars of this revolution is the Internet of Things or IoT.

12. As we speak, IoT is proliferating at an exponential rate and is already revolutionising a wide spectrum of socio-economic sectors in countries across the world. Malaysia is no exception.

13. According to the market research firm Gartner, at the global level, by 2017 more than 50 percent of the IoT revenues will come from startups.

14. This supports my firm belief that our main focus should be to strengthen the capacities and capabilities of IoT-based SMEs; as they are the key drivers of the IoT industry.

15. This also aligns with the objective of today's event, which is to derive and drive synergies, learnings and key insights from the ASEAN IoT community.

Ladies and gentlemen,

16. Malaysia is in the midst of implementing a National Internet of Things Strategic Roadmap, in which we have identified interoperability as one of the critical areas to spur IoT in the country.

17. Through this roadmap we have determined that the IoTmarket potential in Malaysia is set to generate a GNI of RM 9.5 billion by 2020 and achieve RM 42.5 billion by 2025.

18. As within one year since we launched our roadmap, several IoT-based projects have been piloted and launched in Malaysia. Allow me to name a few:

   - We have employed IoT solution in Smart Lock-Up, a solution that monitors the safety in the police lock-up implemented by the Royal Malaysian Police.

   - We have deployed a community social innovation platform called I-Comm, for community to develop community applications such as flood monitoring and its scope will be expanded to cover tourism application as well.

   - For Agriculture, IoT technology is the key component to assist the export of premium durian to China and other premium product.

   - In Transportation, IoT technology has enabled the Taxi booking applications such as iTeksi and GrabCar.

19. I certainly will look forward for many more innovative IoT solutions to coming out from Malaysian ecosystem.

20. Under my leadership, as IoT technologies mature in our country, we hope to expand our services to ASEAN markets and ultimately introduce top five Malaysian IoT companies to the international arena.

21. To the top management of MIMOS that is the KPI I am setting for MIMOS to achieve. The timeframe is negotiable but the target, the national goal or our dream for IoT in Malaysia is non-negotiable.

Ladies and gentlemen,

22. In order to succeed, we need to first, strengthen the capabilities and capacities of technoprenueurs in developing IoT-based application and services.

23. Secondly we need to develop an IoT industry ecosystem which is conducive to accelerate the implementation of IoT technologies.

24. Allow me to elaborate a little bit. Technopreneur development is identified as one the key strategies for Malaysia to be a strong participant in the global arena.

25. Greater emphasis, is required, in growing service-based IoT entrepreneurs, like Uber or GrabCar, to harvest the massive potential IoT market opportunities.

26. In developing the industry ecosystem, we need to get all the IoT players to come together for solutions to demonstrate its value to convince the user and investors to adopt the technology.

27. Hence, four focus market segments which align to the existing government initiatives have been identified as springboard for innovators use to leapfrog for widespread adoption of their IoT solutions. Those are:

    - Agriculture being the strategic segment will utilise IoT to boost income the B40 (below forty percent income level) community by enhancing the sectorial productivity while preserving national food security.

    - Both Healthcare and Manufacturing segments are identified as growth segment, with the former aims to improve healthcare service delivery, and the latter with objective to enhance the supply chain efficiency and reduce the gap between small & medium enterprises and multinational corporations.

    - The transportation segment is identified to serve the community's needs by improving the efficiency and service levels of transport operations.

28. Finally, strategic and active promotion of the Malaysia ecosystem via various government agencies' community will generate demand, which in turn will broaden the market beyond Malaysia.

29. We could position the Malaysian IoT ecosystem as the IoT value-based partner of the world, to create the country new economic source and new jobs for Malaysian.

Ladies and gentlemen,

30. IoT requires close collaboration and teamwork among people, programs, process and services to share secure data across the nation, region and globe.

31. IoT requires collaboration between various vendors and across a plethora of market spaces.

32. In this respect, it is essential that we must work together; share, and collaborate.

33. There is a need to harmonise or unify the various standards and protocols. I believed with IoT Open Innovation Platform which will be launched today will play a key role in facilitating these activities, not only at country level but also regionally.

34. To position Malaysia as the Premier Regional IoT Development Hub, MIMOS Berhad, the Open Innovation Framework was established to develop the interoperability of standards.

35. It is not a standardization initiative but rather a framework to harmonise IoT technologies, enabling multiple systems to interoperate.

36. I must commend MIMOS for taking the leadership role to develop the Open Innovation Platform, known as Mi-MIST in order to enable the industry to rapidly develop IoT applications. Hence, accelerate the IoT ecosystem to the market.

37. We need more game changers like this moving forward to ensure Malaysia IoT industry to be competitive in the global arena.

Ladies and gentlemen,

38. In closing, indeed, there is much more that can be done. I must reiterate MOSTI's commitment to target IoT as a mainstream industry.

39. MOSTI will take every possible measure to promote and diffuse IoT, and drive its implementation in all strategic economic sectors and in all layers of society.

40. As driver of the National IoT Strategic Roadmap, MOSTI encourages every party to join hands in seizing the IoT opportunities. In this context, I encourage the industry to develop more and more innovative IoT solutions.

41. To our guests from abroad, Malaysia will share our ideas and inspirations with our friends in the region, and I invite you to do the same. Let us have conversations on how collectively we can capture this enormous opportunity.

42. I am positive that through the collaboration within the industry players, together we will be able to harness IoT as a new source of economic growth.

43. Before I end, thank you once again for joining us here. We look forward to your active participation to drive the roadmap agendas.

44. On that note, it is my pleasure to open ASEAN IoT Innovation Forum 2016 in conjunction with MyIoT Week 2016. I wish you a fruitful and enriching engagement.

Sekian. Terima kasih dan salam sejahtera.