

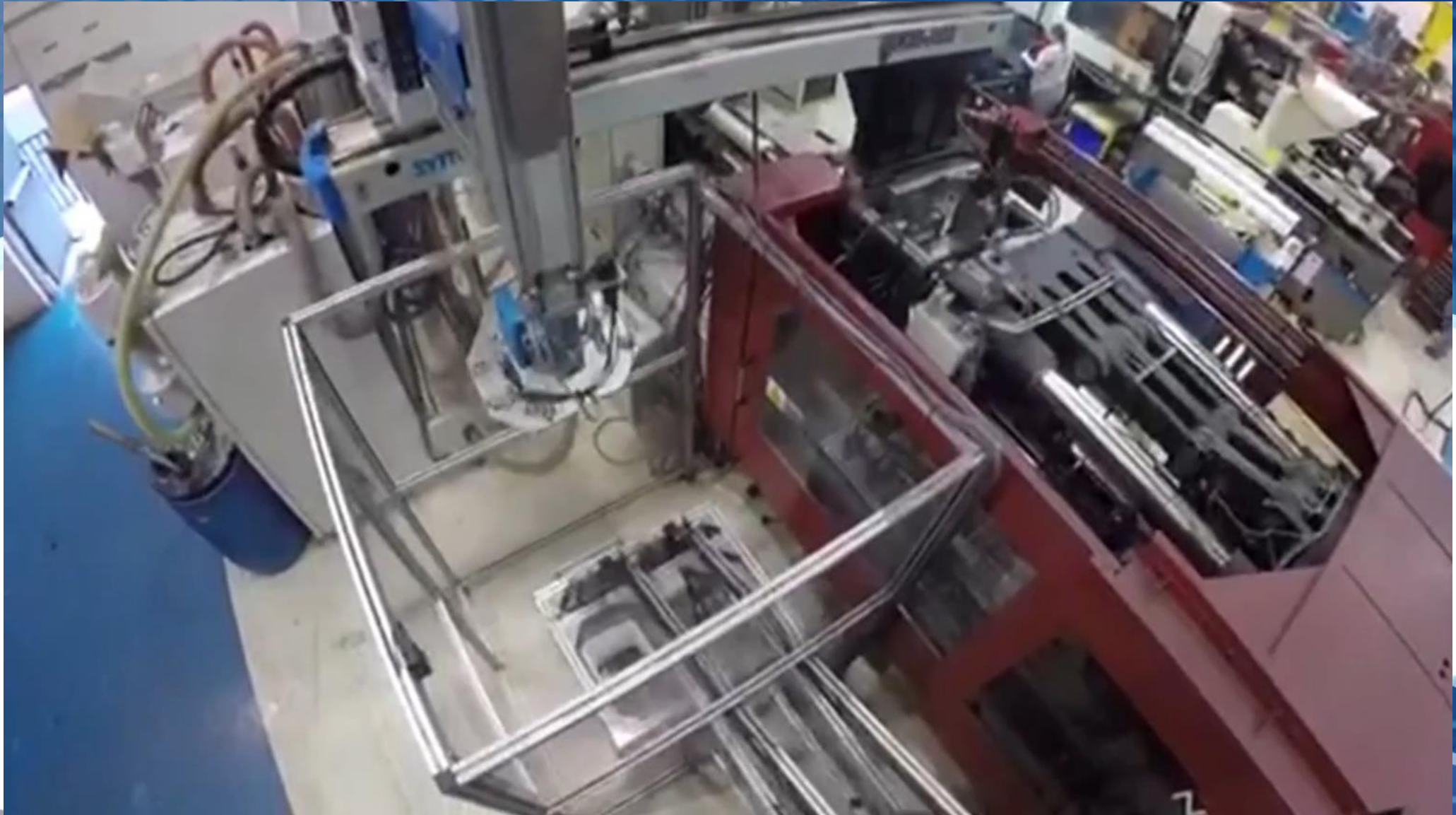
37th PCHRD Anniversary International Conference on Health Research and Industry 4.0

Internet of Medical Things

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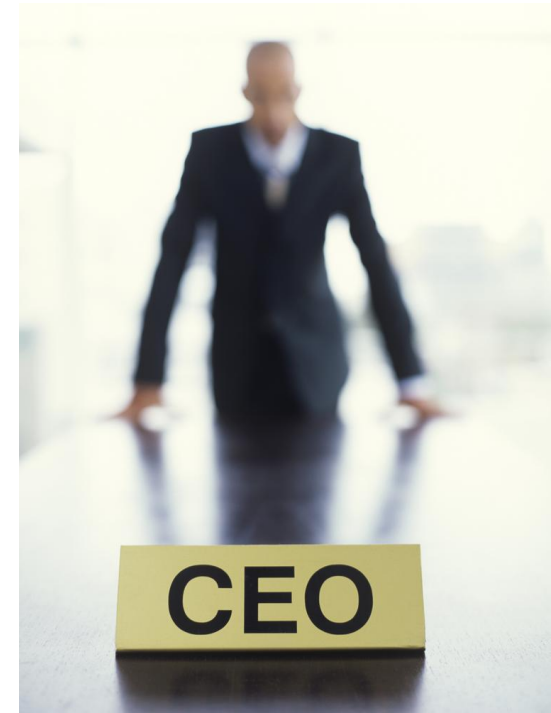
Philippine International Convention Centre, Pasay City, Manila





Messages from CEO

- I have been invested a lot of money to upgrade my factory, is my factory compliance to Industry 4.0 standard?
- We collecting Big Data, but how to use it?
- Why I have to pay extra money for addition service? 'automation' should able to fix everything?
- I expected to increase revenue after upgrade my facilities, why still not?

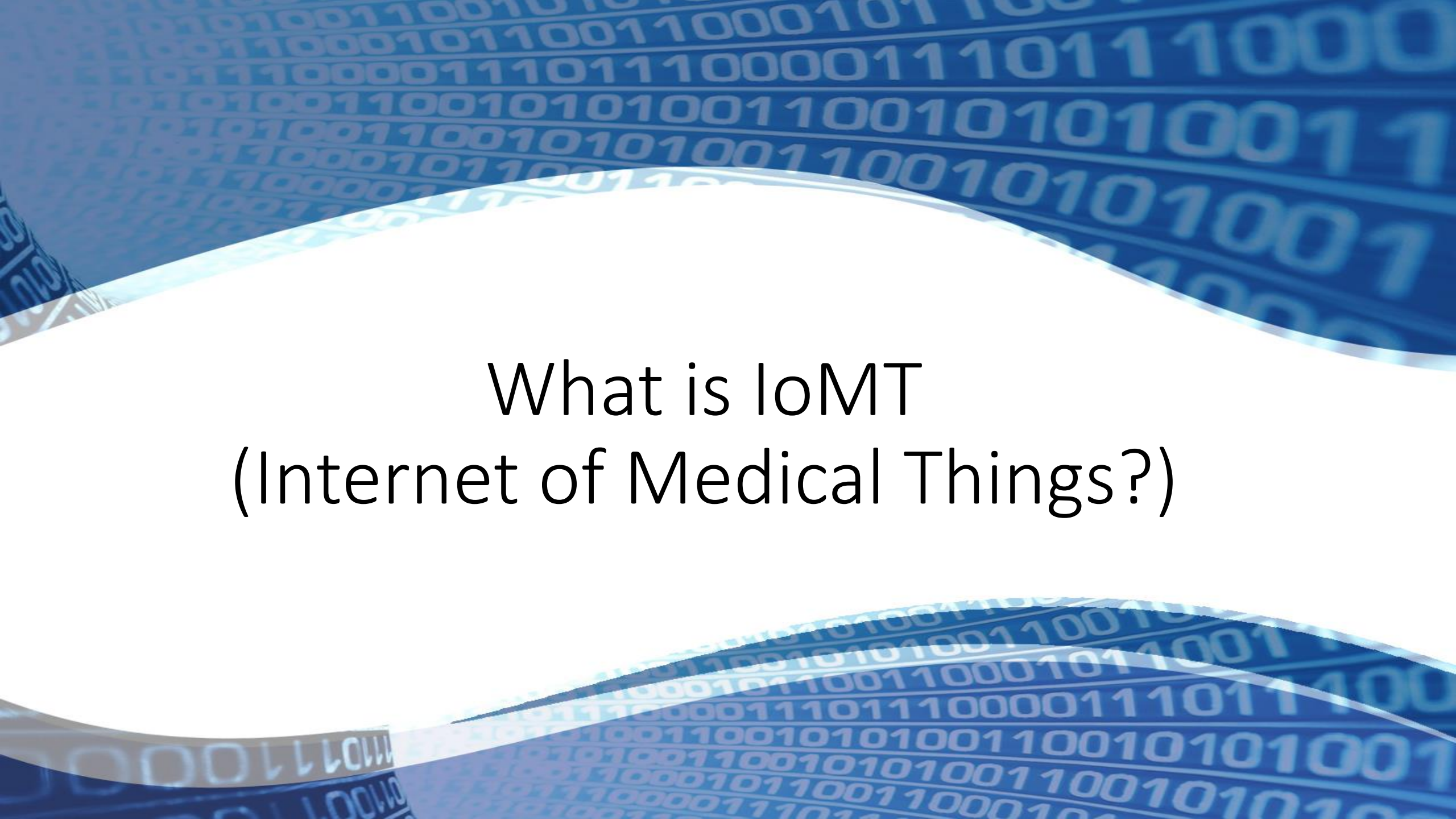


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What did I learn from that
conversation?

- There is no one-off solution
- Is the technology offering solution? Or generating problem?
- What is the knowledge required?



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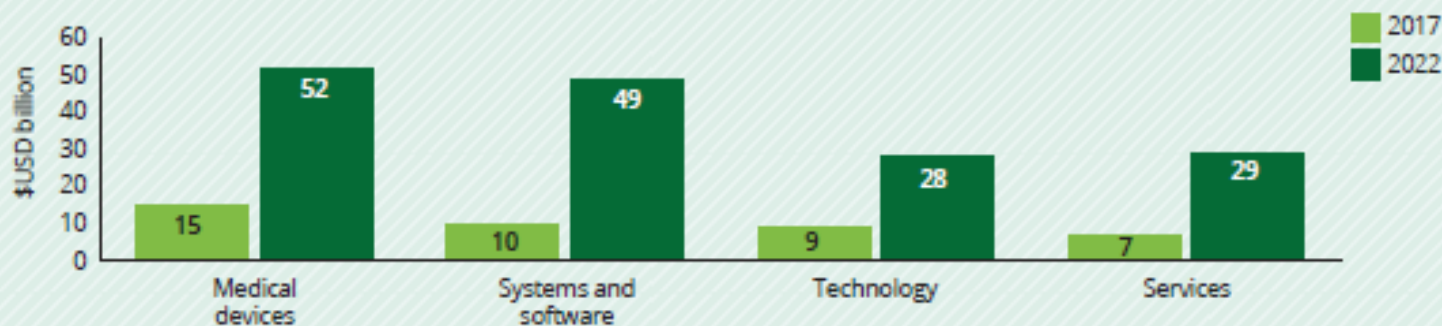
What is IoMT (Internet of Medical Things?)

IoMT or internet of medical things is a sub division of IOT which deals with **interconnected medical devices/ equipment** and **Medicare connected to Healthcare IT**. Medical devices equipped with Wi-Fi or Near field communication technology allow machine to machine **communication** that is the basis of IoMT.



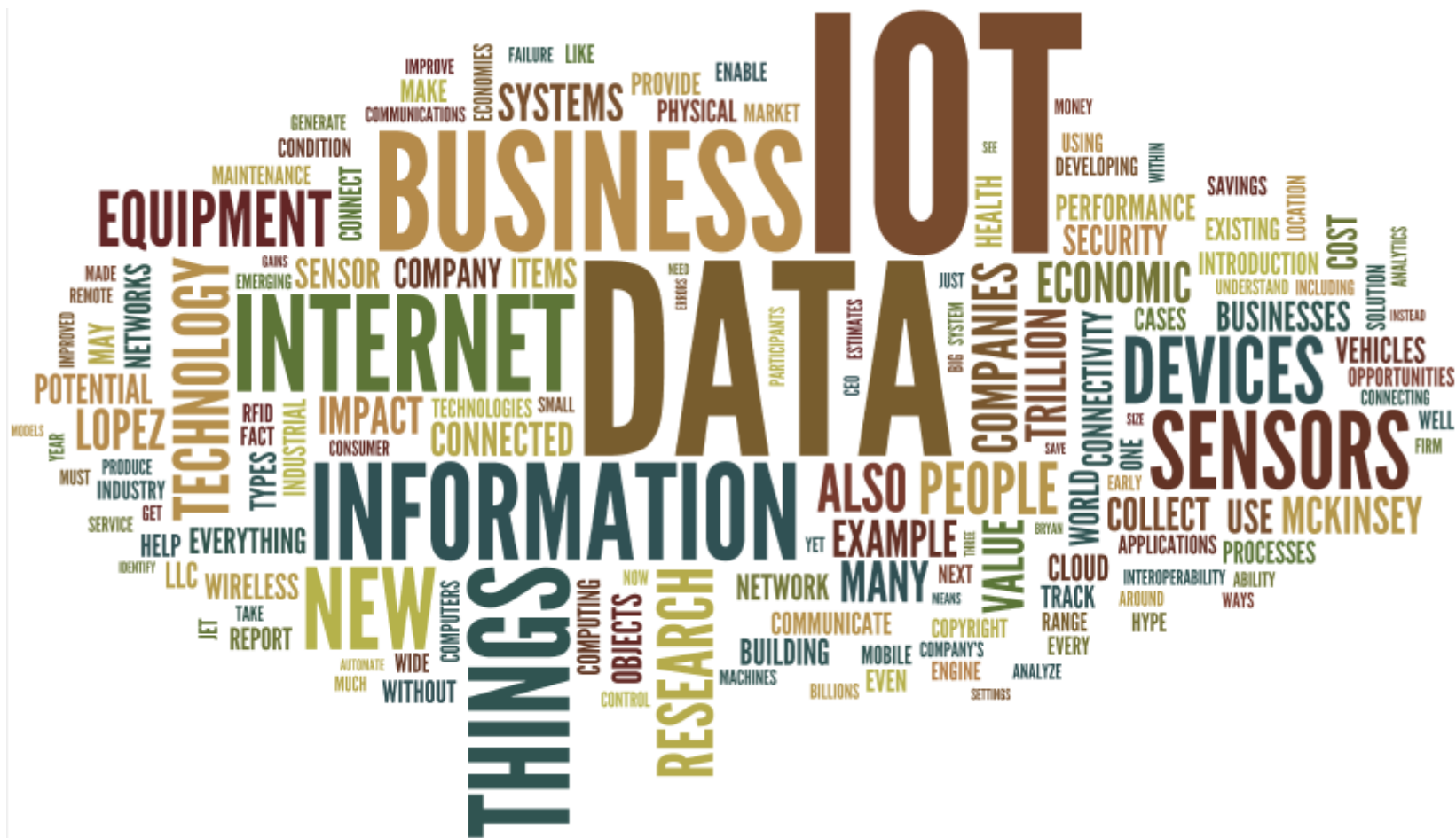
Significant IoMT market growth predicted

The overall IoMT market is expected to grow from \$41 billion in 2017 to \$158 billion by 2022



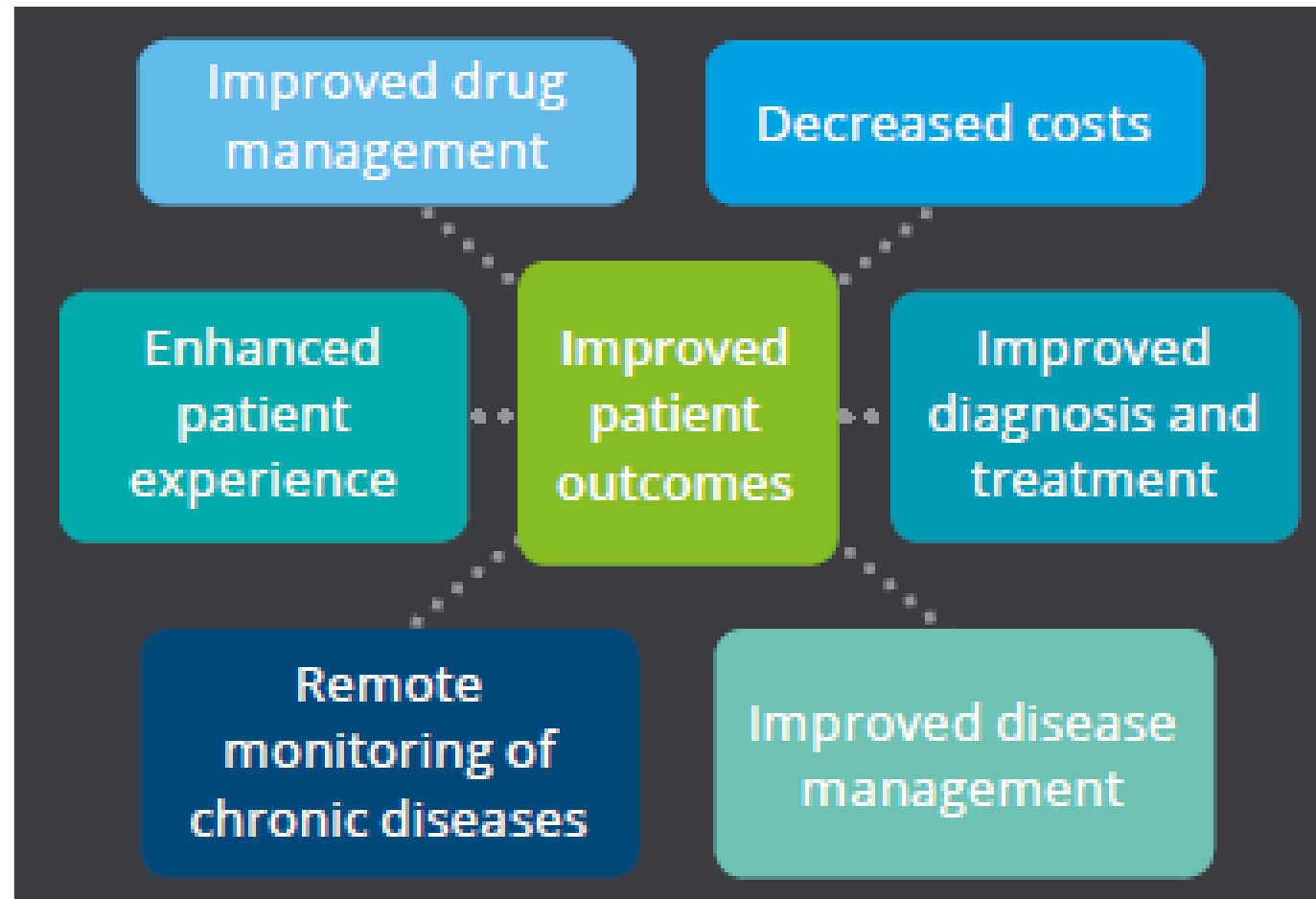
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What IoMT means to us?



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What are the benefits of IoMT?



- Improved treatment outcomes as a result of round-the-clock patient monitoring and care deliverance
- Decreased Medicare costs as real time and remote monitoring of patients is made possible, resulting in fewer clinic visits
- Visible improvement in disease management as patients are given care by careful real-time monitoring
- Enhanced patient experience as an individual gets complete and customized treatment and care
- Improved Drug management is another scenario that is possible as a result of IoT growth, where devices and applications can assist in drug research, deliverance and adherence.

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Are we ready for IoMT?



The Enterprise

The Infrastructure

The Information

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What do we need for future?

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From
Internet of Medical Things to
Intelligence of Medical Things



Internet

Intelligence

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IOMT Proactive 3P Healthcare Strategy (Prevention, Prediction, Protection)

IoMT for Prevention

NHS's Vision: Long-term plan to focus on prevention 'could save 500,000 lives'



IoMT for Prediction



PredictionHealth
smarter healthcare

IoMT for Protection

