Trends in Internet of Things (IOT)

Current Context and Challenges

- Technologies like e-SIM, Edge Computing, Drones, Connected Homes, Blockchain, LPWA, AI, ML, and Automation will trend heavily over the next few years and display tremendous growth.
- e-SIM will drive growth in IoT and reach a CAGR of 26.3% between 2019 and 2025.
- IoT solutions based on Blockchain technologies will witness growth of up to $6.0766 billion in 2023.
- EDGE Computing will grow from $185.8 billion in 2017 to $838.6 billion by 2022 and make IoT a better, safer option.
- Low Power Wide Area (LPWA) technologies that allow for the connection of billions of devices at once, will grow to 3 billion in 2025, up from 59 million in 2016, and we will start to see the exponential boom of this technology in 2019.
- Worldwide spending on AI and ML will grow from $12 billion in 2017 to $57.6 billion by 2021.

- Digital SIMs will need OTA (Over The Air) maintenance to allow the devices and their connectivity to be properly managed regardless of their geographical location.
- Manufacturing operations, freight monitoring, smart grid, smart home, telecommunications, remote healthcare monitoring, and digital signage and other IoT use cases in retail are among the IoT use cases where spending remains high and will offer plenty of opportunities for growth.
- Drones will need realistic global laws and legislations along with safety guidelines as more commercial machines and their uses arrive to market.

Opportunities

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Next-Gen IOT Solutions from Tech Mahindra

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