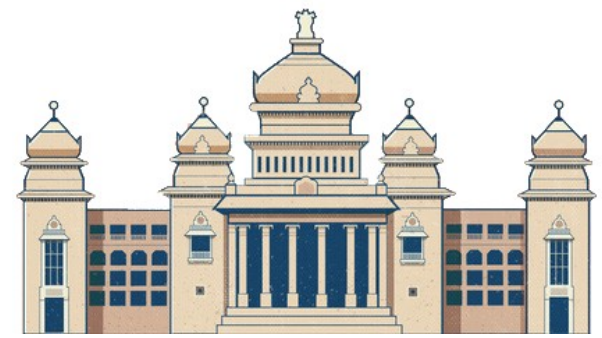


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IoT - Challenges and Opportunities in Indian Market

Panel Discussion Moderator
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- Ishwardutt Parulkar, Cisco

The IoT Landscape in India

- DeitY envisions
 - To create an IoT industry in India of USD 15 billion by 2020 (Around 5-6% of global IoT industry)
 - To develop IoT products specific to Indian needs in all possible domains
 - To have strong emphasis on R&D, Demo Centres, Standards, Governance, etc.
- Focus Areas
 - Smart (City, Water, Environment, Health, Agriculture, Waste Management, Safety, Supply Chain, ...)
- Investment
 - 100 Smart Cities -> INR 7060 Crores

Indian Market Perspective

- Getting Devices Connected in Indian Infrastructure
 - Extreme temperatures, High levels of humidity and dust, No clean and continuous power supply, Inadequate telecom coverage
- Security and Privacy
 - Govt. policy regarding user privacy in IoT networks. Prevent theft, tampering of devices and data.
- IoT business models
 - Affordability to a billion population
- Technology and Standards
 - An IoT solution will involve many stakeholders. Alignment to Global standards
- IoT applications
 - SMEs, Startups

Panel Discussion Theme

- Are Indian IoT requirements different or similar with global IoT requirements?
- What are the challenges faced by the Service providers?
- What is the startup leverage in Indian market?
- What are the opportunities for the Indian Electronics Industry?
- What are the emerging trends and directions for below IoT enabling technologies?
 - Big Data and Analytics
 - 5G
 - SDN and Cloud Computing

References

- Govt. of India - Draft IoT Policy
 - [http://deity.gov.in/sites/upload_files/dit/files/Draft-IoT-Policy%20\(1\).pdf](http://deity.gov.in/sites/upload_files/dit/files/Draft-IoT-Policy%20(1).pdf)