

PLEDGE TO PROGRESS Sustainability Hackathon

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Your Team Name : **The Ideation Works – Digital Platform**

Your team bio :

- **Jawahar Govindaraj**, CTO, Head of Engineering
- **Tanisq Govindraaj Jawahar**, Software Intern

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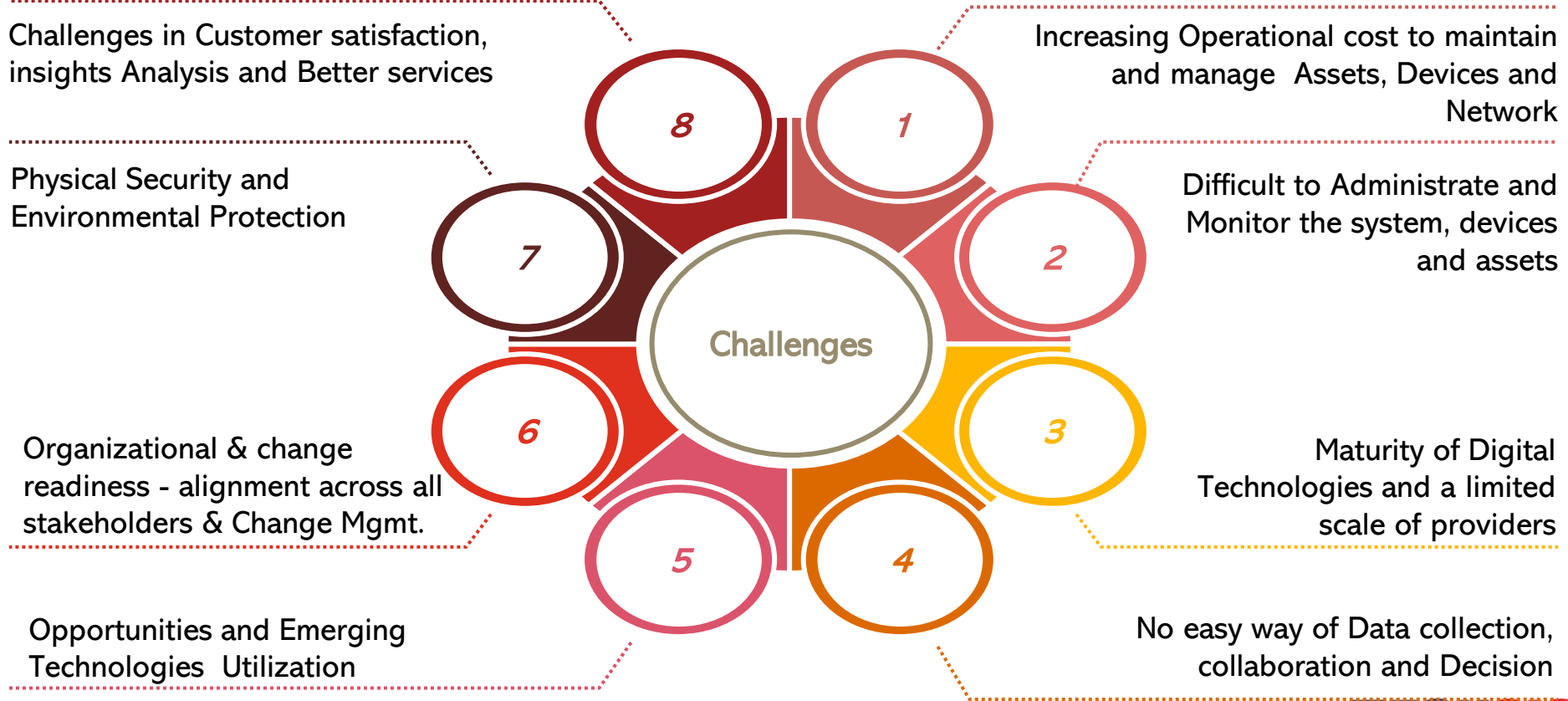
Problem Statement?

Since the advent of the industrial revolution, pollution rates have been increasing multiple folds each year. Mainly industries, vehicles and equipment contribute significantly to greenhouse emissions, leading to increased CO2 emissions and global warming and climate change.

ESG frameworks are important to sustainable investing that can help individuals or other corporations determine whether the company is in alignment with their values and government policies.

- There are limited Platforms available in the market to Design, Develop, Deploy, Report, Monitor, Track, Measure, Governance the ESG & Sustainability
- Cost effective ESG & Sustainable Industry Solutions
- No common generic solutions with all ESG policies and regulations
- Effective utilization of Digital technologies and services to connect with different industries, corporates, Govt and Institutions
- No Citizen developer friendly platform utilizing Low Code / No Code Technologies

Key Challenges – ESG & Sustainability



User Segment & Early Adaptability

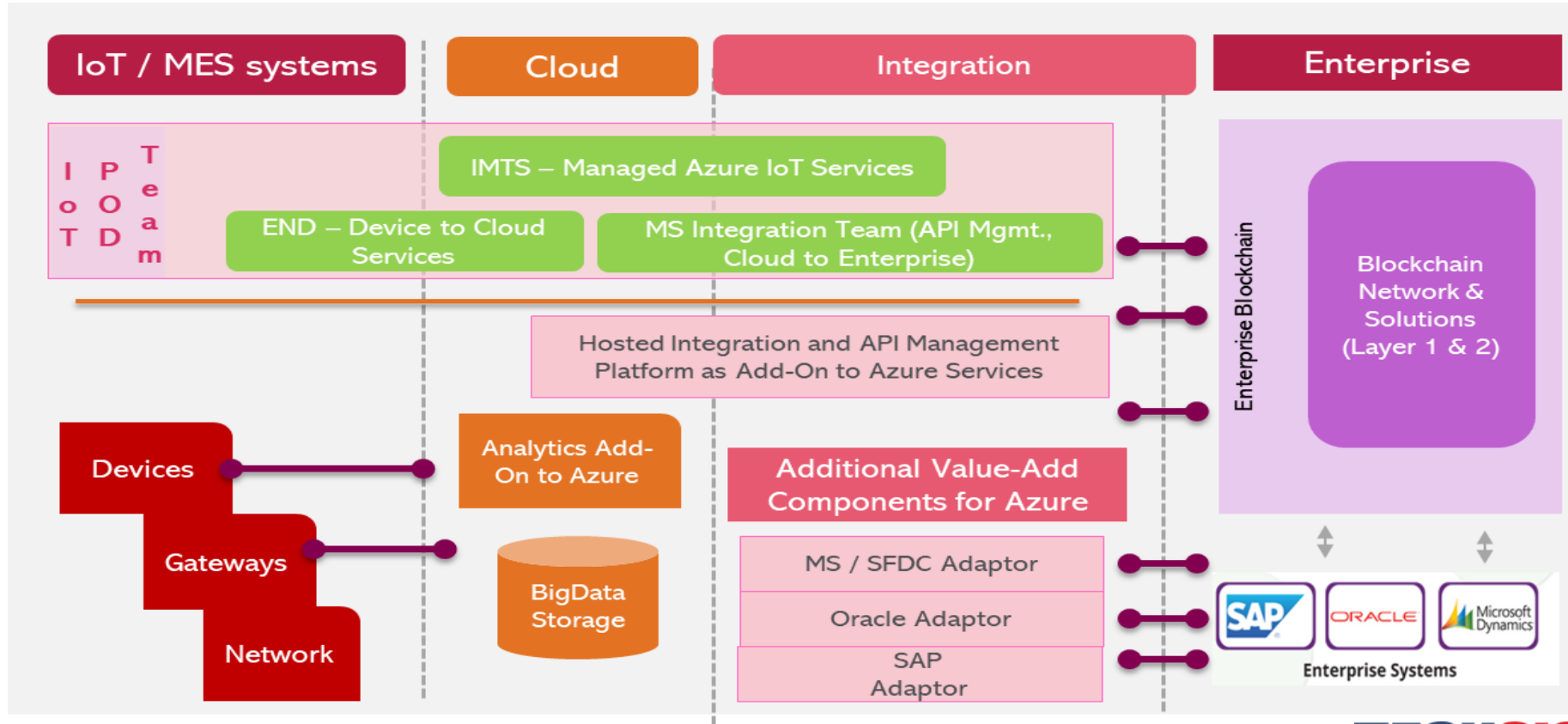
Early adopter of the platform can be

- High tech Companies, who involves in Digital Transformation & Innovation
- Fortune 500 companies
- Manufacturing, Process, Oil, Gas, Energy clients in USA, Canada, MEA, UK & EU
- Existing Microsoft users (M365, Dynamics, Azure etc)
- Government and Public limited companies
- Start-ups and small scale cost effective industries.

What is the ESG & Sustainability – Digital Platform ?

The Digital Platform to cover the end-to-end life cycle of ESG & Sustainability digital asset management that can be used to Design, Develop, Transform, Deploy, Track, Maintain, Monitor, Carbon trading and support Digital assets in the form of NFTs, Tokenomics, Cloud, IoT, Big Data, Reporting, Data & Decisioning, Web 3.0 which is backboned by Blockchain / DLT Technologies.

Overall Schematic Diagram



Tools or resources – MS Azure

- Azure tools or resources which are likely to be used by you for the prototype, talk about methodology, architecture & scalability
- Planning to utilize the full MS Azure suites
- MS Azure Cloud (Public / PVT / Hybrid)
- The solutions can be hosted (SaaS, PaaS, IaaS, TaaS)
- Other MS Components like
 - MS BigData / NO SQL
 - MS Power Platform
 - MS Power BI
 - IoT Solutions
 - Data & Decision

Key Benefits

The solution has many advantages like

- Cost Effective – Easy subscription model (Pay per usage or subscription)
- Blockchain is a Peer to Peer (P2P), shared, immutable and Distributed ledger technology (DLT)
- It's highly secured, tamper proof and uses cryptographic techniques.
- It is not controlled by any single entity
- Censorship resistance (no middleman / intermediary)
- High data privacy / Transparency maintained.

TECHGIG

Thank You

- Jawahar Govindaraj
- Tanisq Govindraaj Jawahar