

A CASE STUDY

DIGITAL BUSINESS BUILDING FOR INDUSTRIAL MECHANICAL & ELECTRICAL MANUFACTURING COMPANY



BACKGROUND

All companies these days are moving towards Digital Business and IIoT to rapidly uncover new opportunity and markets. It enables the company to engage with the customers and how people interact with the devices.

IIoT enables organizations to build smart capabilities into the devices for cost optimized optimal usage and building security elements. Happiest Minds engaged with the customer in understanding business need, put together technology blueprint.

A CONSULTATIVE APPROACH

- With varied experience in building and implementation of IIoT, helped customer to put a unified secured digital roadmap across different product lines
- Helped in identifying features and set directions towards building extendable IIoT platform which can be leveraged in other business units

- Identification of right mode of communication channel between devices to cloud, devices to edge and device to device to create a connected eco-system
- There were some gaps in their hardware and firmware, this could be identified by our experience in hardware space.
- Keeping the need in mind, proper evaluation were done between cloud native services vs. build to ensure extendibility, scalability and security. Open framework
- Discussed the importance of agility in the engineering process to create a phased delivery roadmap
- Being a trusted technology advisor, we proactively shared apprehensions about certain requirements and pointed out potential challenges.



VALUE DELIVERED

- Technology blueprint across hardware, firmware and digital platform
- Led to downstream engineering activities in hardware and cloud platform in a phase manner
- A platform helping the customers internal staff and the customer to optimize their businesses

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ABOUT HAPPIEST MINDS TECHNOLOGIES

Happiest Minds Technologies Limited (NSE: HAPPSTMNDS), a Mindful IT Company, enables digital transformation for enterprises and technology providers by delivering seamless customer experiences, business efficiency and actionable insights. We do this by leveraging a spectrum of disruptive technologies such as: artificial intelligence, blockchain, cloud, digital process automation, internet of things, robotics/drones, security, virtual/augmented reality, etc. Positioned as 'Born Digital . Born Agile', our capabilities span digital solutions, infrastructure, product engineering and security. We deliver these services across industry sectors such as automotive, BFSI, consumer packaged goods, e-commerce, edutech, engineering R&D, hi-tech, manufacturing, retail and travel/transportation/hospitality. A Great Place to Work-Certified™ company, Happiest Minds is headquartered in Bangalore, India with operations in the U.S., UK, Canada, Australia and Middle East.