

HOW IoT WILL TRANSFORM MANUFACTURING?



Internet of Things

IoT in manufacturing forms the foundation of industry 4.0. The two distinct roles IoT can play is by creating a "Connected" ecosystem and and by tapping into data collected or generated by your products, making them "Smart" products.

Per IDC survey

55%

Of Manufacturers have introduced IoT Initiatives

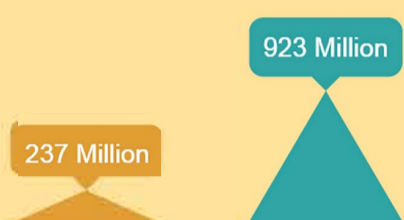
By 2018

40% Of **top 100**

will rely on connected products to provide product as a service

Per BI Intelligence Estimates, 2015

2015 2020



Increase in Installed Base of Manufacturing IoT Devices

Manufacturers' spend by 2020

\$267 billion

Per PwC Survey

34%

Of US Manufacturers believe it is "extremely critical" to adopt an IoT strategy in their operations

35%

Of US manufacturers are currently collecting and using data generated

by smart sensors to enhance manufacturing/ operating processes

BENEFITS OF IMPLEMENTING IoT

Next-Gen Operational Intelligence

Predictive Analytics

Unified KPIs

Connected Operations

Asset Tracking

Real-time Asset Health Monitoring

82%

Increased Efficiency

49%

Fewer Product Defects

45%

Increased Customer Satisfaction

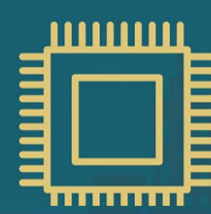
BARRIERS TO IMPLEMENTING IoT

Threat of Cyber Attacks



Reluctance to Implement Automation Leading to Job Loss

Difficulty Determining ROI



Technical Difficulty Integrating IoT in Factory

HOW TO OVERCOME THE OBSTACLES?



Finding the Right 'Tech Partners'



Predictive Maintenance



Efficient Use of 'Smart Device' Data



Robust Data Security