

## Today

Value Proposition (Smart Manufacturing) What we are doing What we expect from current initiatives Value Proposition 4.0 "It is a capital mistake to theorize before one has data. Insensibly one begins to twist facts to suit theories, instead of theories to suit facts."

— Arthur Conan Doyle, Sherlock Holmes



What's going on? Where do I go? What can I expect?

### **IOT: Challenges**

### **NOT FOCUSED ON BUSINESS OUTCOMES**

• Priority misplaced on devices and connectivity, not business processes; Clear ROI not articulated

### **PROJECTS STALL AND FAIL**

- Complexity due to several moving parts
- IoT data not being converted into business insights

### LACKS ENTERPRISE CONTEXT

 Not integrated with Supply Chain, Transportation, and ERP processes

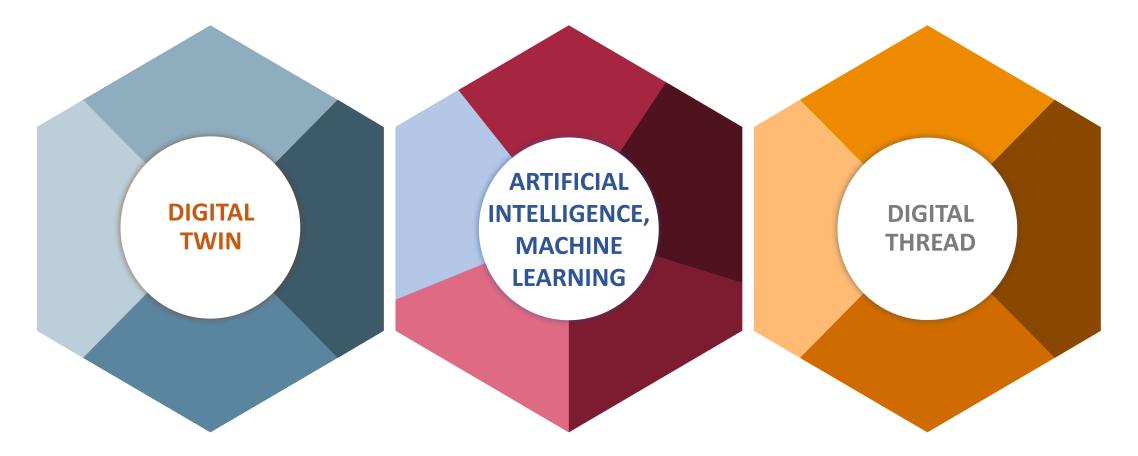


#### ORACLE

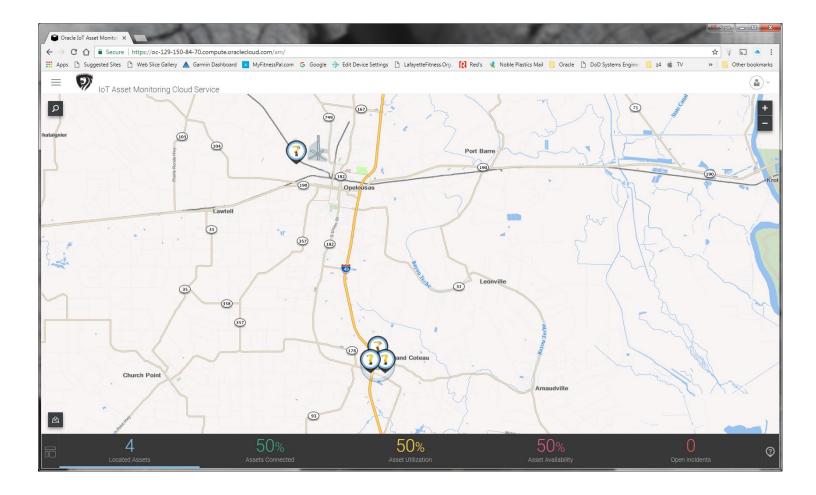
### Value Proposition 3.0

Waste Reduction Utility Improvement Customer Experience Tools





## Establishing the system

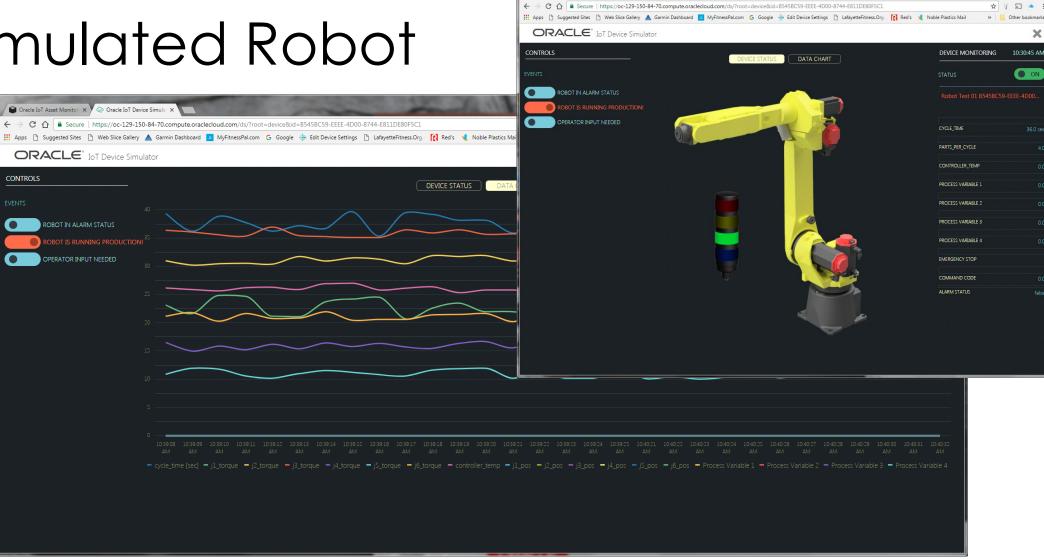




IoT Asset Monitoring Cloud



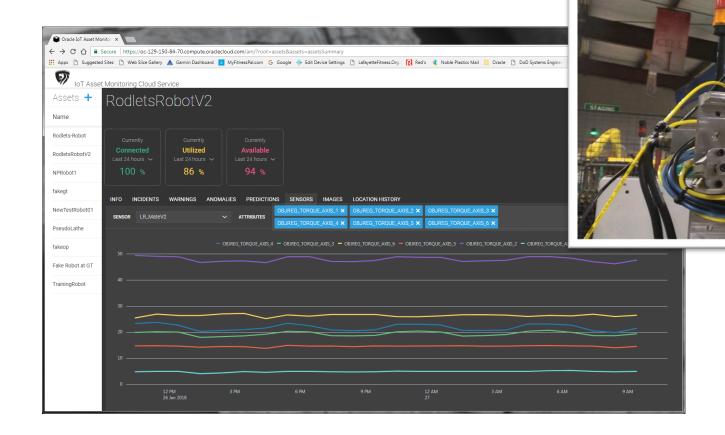
## Simulated Robot

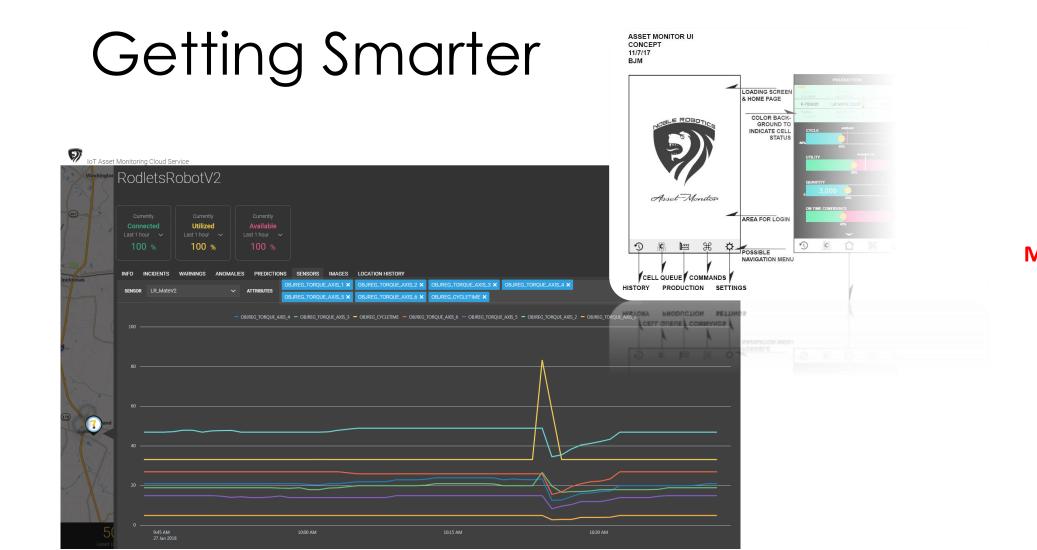


Gracle IoT Asset Monitor X Oracle IoT Device Simula X



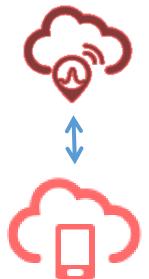
### Real Robot







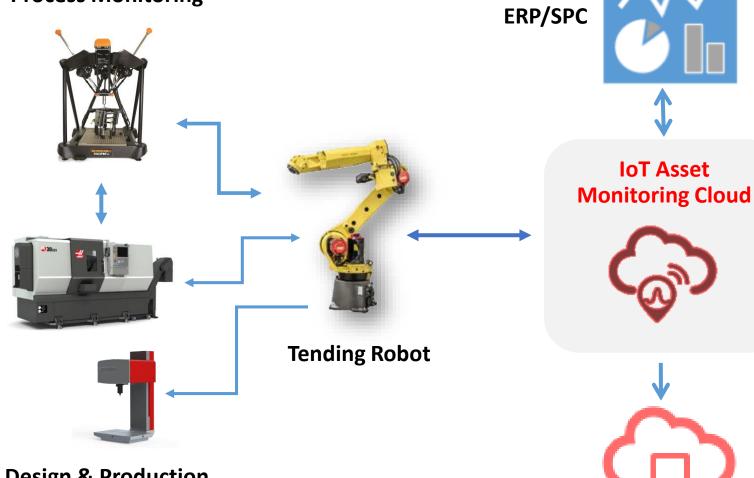
#### IoT Asset Monitoring Cloud





### Cloud Connected

**Process Monitoring** 



Monitor manufacturing cycle data

**Analyze** streaming part metrics, error status in real-time

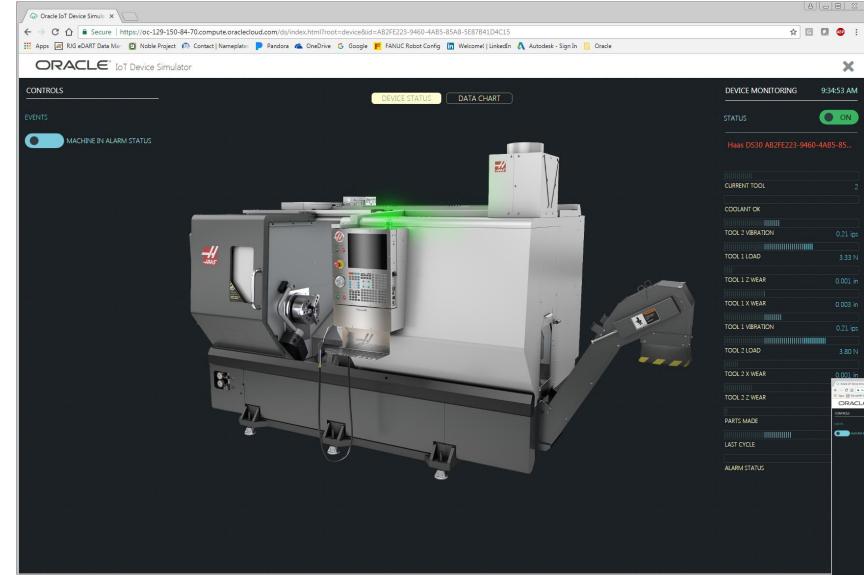
Send real-time alerts to appropriate personnel



Improve visibility into lights-out shifts. Enable remote control

**Design & Production** 





- Monitor
- Alert
- Predict



### Value Proposition 4.0

Waste Reduction Utility Improvement Customer Experience

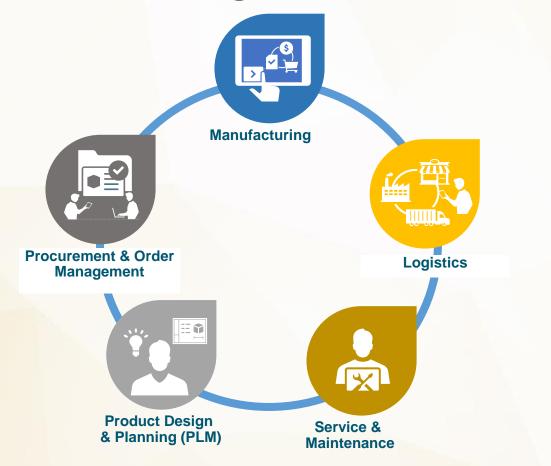


## Supply Chain Focus





### Digital Thread with Supply Chain Management





Interconnected supply chain with real time visibility

- Design  $\rightarrow$  Manufacturing  $\rightarrow$  Logistics
  - $\rightarrow$  Transportation  $\rightarrow$  Service



### Integrate Organization Silos

 IT and OT, Logistics and Finance, Production and Design

## 7

#### Transformative Business Models

 Product as a Service, Dynamic planning based on demand signals





## **Opportunity for Disruption**

# Marriott Q airbnb







