Enterprise Platform for integrating IoT and AI into Applications

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Unlocking IoT Value

Connect
• **Virtualize** any device as a set of resources
• Collect data from **any type** of device over **any network**
• Make decisions closer to edge for **faster responses**

Analyze
• **Analyze** streaming data in **real-time**
• **Perform Big Data** & predictive analytics on IoT streams & events

Integrate
• **Integrate** device data into existing applications and processes
• **Manage & Control** devices from mobile and enterprise apps
CONNECT

VIRTUALIZE
Quickly collect data from devices
Accelerate application development

COMMUNICATE
Deliver high-speed messaging
Scale to millions of end-points

SECURE
Build trusted exchange
Protect end-to-end data flow
ANALYZE

ANALYZE AT REAL TIME
- Turn data into actionable insight
- Enable edge intelligence

ENRICH
- Add Geo data for fast ROI
- Enable contextualized search

STORE
- Enable BI and Big Data Analysis
INTEGRATE

INTEGRATE WITH CONNECTORS
- Quickly enrich processes and apps with IoT data
- Enable rich analytics

INTEGRATE WITH REST APIs
- Integrate with any on-prem or SaaS applications
- Supports Oracle & 3rd party apps

CONTROL
- Enable enterprise to control devices
- Mobile enabled and policy driven
Oracle Internet of Things Cloud Service

**Integrate**

- Make enterprise processes IoT-friendly
- Event-friendly
- Reduce noise and detect business events at real-time
- Abstract complexity associated with device connectivity
- Allow enterprise & mobile applications to control devices
- Standardize integration of devices with enterprise

**IoT Cloud Service**

- Device Virtualization
- High Speed Messaging
- Endpoint Management
- Stream Processing
- Data Enrichment
- Event Store
- Control
- Enterprise Connectivity
- REST APIs
- BI & Big Data Cloud Service
- Integration Cloud Service
- Mobile Cloud Service
- 3rd party apps
- Manufacturing
- Service Mgmt
- Industry Vertical Apps
- Transportation
- Asset Mgmt

**Oracle Cloud Services**

**Enterprise Apps**

Cloud or On Premise
New Oracle IoT Applications

**Asset Monitoring**
Monitor assets, their utilization, availability

**Production Monitoring**
Manufacturing equipment Monitoring & prognostics

**Fleet Monitoring**
Monitor fleet vehicles, driver behavior and costs

**Connected Worker**
Enhance worker safety through monitoring of workers and environment

Internet of Things Cloud Enterprise (Platform)

Connect
Analyze
Integrate
IoT Asset Monitoring Cloud

For monitoring assets, their utilization, availability, and data from connected sensors

- Location Tracking
- Asset Health
- Asset Performance
- Utilization

95% Asset Availability
1 Open Incidents
IoT Production Monitoring Cloud
Manufacturing factory floor equipment monitoring and prognostics
IoT Fleet Monitoring Cloud

For medium sized business who have fleets of vehicles (trucks, buses, maintenance vehicles, delivery vehicles)
IoT Connected Worker Cloud

For tracking employees in Mining industry, Engineering and Construction industry