Enterprise Asset Management

Overview

Asset management systems enable organizations effectively monitor and manage their different types of assets without creating a huge management workload that erodes the bottom line.

Applicable Industries

Aerospace

Agriculture, Forestry & Fishing

Automotive

Chemicals

Electronics & Embedded Devices

Construction

Consumer Goods

Food & Beverage

Furniture & Home Appliances

Healthcare Services

Heavy Vehicle

Equipment & Machinery

Medical Devices & Equipment

Mining

Paper & Pulp

Pharmaceuticals

Plastics & Rubber

Rail & Metro

Renewable Energy

Shipping

Smart Grid

Telecommunications

Applicable Functions

Facility Maintenance

Logistics

Maintenance

Production - Manufacturing

Market Size

Estimate A

The global market for asset management is predicted to grow to USD 2.5 trillion from 2013 to 2020.

Source: Cisco

User Viewpoint

Business Value

How does this use case impact an organization's performance?
Enterprise asset management decreases overhead and hence increases return on assets and the general RoI within organizations.

Key Performance Indicators

How is the success of the system measured for users and for the business?
Increased asset lifecycle

Minimized downtime

Service and maintenance efficiency

CAPEX improvements

OPEC improvements

Deployment Environment

Where is the 'edge' of the solution deployed?
At the assets directly.

Technology Viewpoint

Sensors

What sensors are typically used to provide data into the IoT system, and which factors define their deployment?
Sensors are fixed to the asset with a connection gateway to send data constantly to a cloud or edge storage solution.

Cloud & Edge Platforms

What factors define the cloud and edge platforms used to integrate the solution?

Real-time edge analytics are essential to system performance. Cloud storage enables accumulation of historical data.

IoT ONE Use Case

Accelerating the Industrial Internet of Things

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