



2016 Research Vision & Agenda

Asset Performance Management (APM)

# House Keeping Items

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- Lines are Muted
- Recorded Line
- Chat Box
- Questions during the Presentation
- Questions after the Presentation

# ***Our Mission is Driving Industrial Transformation***

**We are thought leaders and trusted advisors for Business, IT, and Automation executives**

### **Our differentiators:**

- Experienced analysts
- Primary social research
- Deep industry contacts
- Interactive data visualizations



# Analyst Team

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MOM



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Starting Jan 14, 2016  
EHS

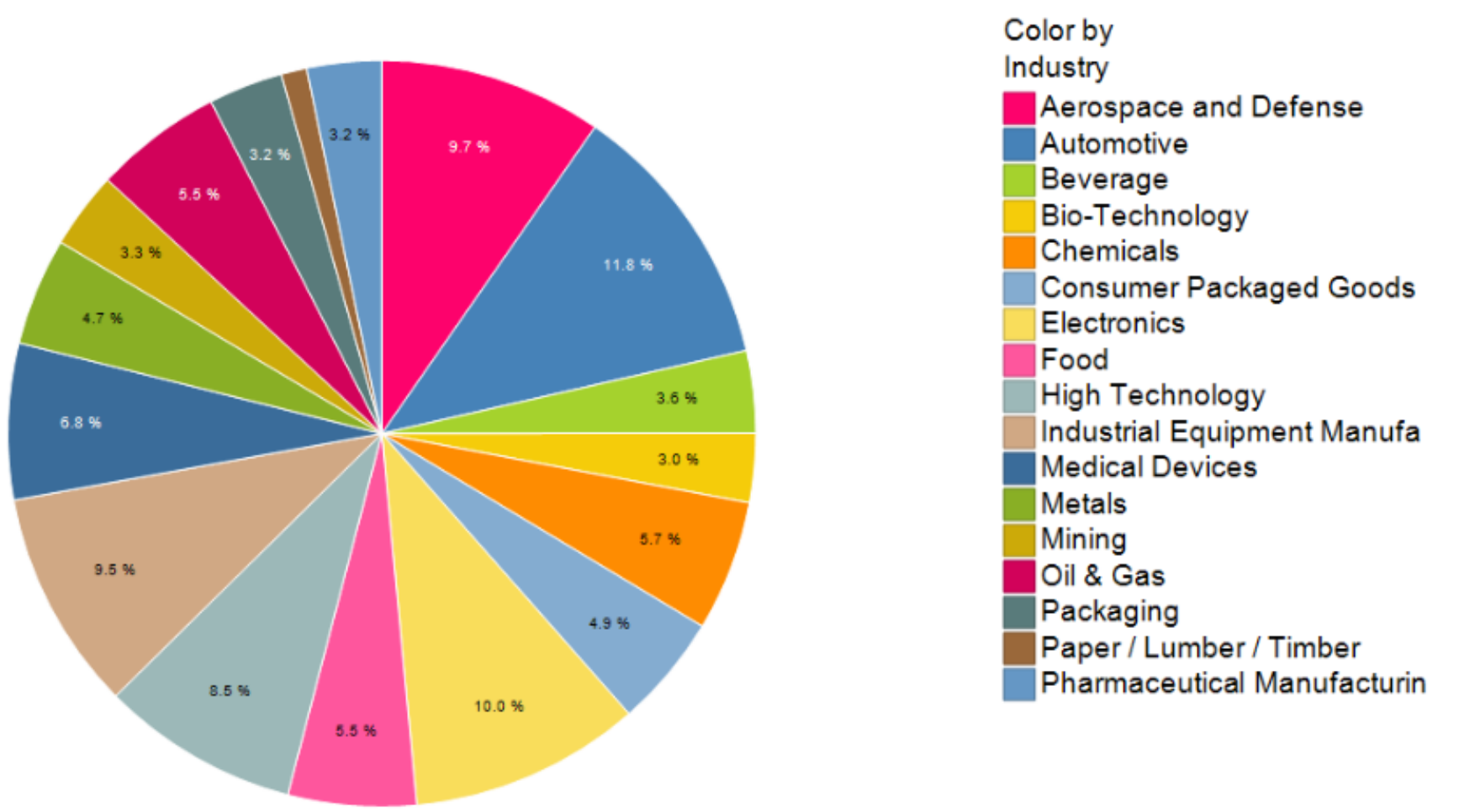
# LNS Research in Media



# Benchmarking Research



LNS has benchmarked 4,000+ executives, industry demographics include:



# LNS Research's End User Clients Include:



L'ORÉAL





# Digitalization and Industrial Transformation Framework



## Digital Transformation

### Reimagining Business Process and Service Delivery



## Operational Excellence

### Realigning People, Process, and Technology

#### OPERATIONAL EXCELLENCE SUPPORT



## Enterprise Architecture

### Managing IT-OT Convergence and Next-Gen IIoT Technology



## Business Case Development

### Defining Immediate and Long Term ROI

Five Year Total Cost Summary - Subscription Licensed

COSTS	TOTAL	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
PERSONNEL						
SOFTWARE LICENSING						
THIRD PARTY SOFTWARE						
APPLICATION SOFTWARE						
DOCUMENTATION & TRAINING						
MAINTENANCE						
INSTALLATION						
INTEGRATION						
LEGACY DATA LOADING						
PROJECT MANAGEMENT						
SUPPORT						
TOTAL:						

## Solution Selection

### Eliminating Bias and Finding Long Term Partners





# LNS Research's Vendor Clients Include:





# Strategy, Insight, and Content

## Buyer Persona

Who is the buyer and what are the concerns



## Competitive and Partner Analysis

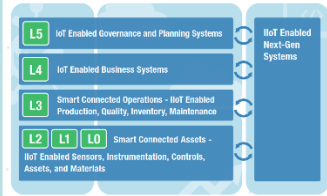
What companies have competing strengths and weaknesses

Five Year Total Cost Summary - Subscription Licensed

COSTS	TOTAL	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
HARDWARE						
SOFTWARE LICENSING						
THIRD PARTY SOFTWARE						
APPLICATION SOFTWARE						
DOCUMENTATION & TRAINING						
MAINTENANCE						
INSTALLATION						
INTEGRATION						
LEGACY DATA LOADING						
PROJECT MANAGEMENT						
SUPPORT						
TOTAL						

## Technology and Product Roadmap

How is IIoT and Big Data Analytics impacting development



## Thought Leadership

Creating a unique perspective in the industry



## Content Marketing

Communicating and connecting with the market



# APM Research Vision: Uncovering New Insights on Best Practices



## Organizational challenges for APM success

- How successful manufacturing and asset intensive companies breaking down traditional organizational silos
- How are companies dealing with APM skills shortages?
- How to align team and individual goals and metrics to create alignment and accelerate success

## Which APM processes do World Class companies Optimize?

- What are the APM process areas, by industry, that define companies as “World Class”
- What are the critical success factors to be managed?
- What metrics do these companies use to measure their success?

## What APM technologies support World Class performance?

- What is the timeline for Smart Connected Assets to take root?
- Which suppliers are offering critical elements of the Smart Connected Assets profile?





## 2016 Reports

- Vendor Progress
- User Adoption

## APM Blogs

- Vendor Conferences
- Survey Results
- New Business Ventures

### SMART CONNECTED ASSETS

Converged Sensors, Instrumentation,  
Controls, and Assets

REAL TIME → PREDICTIVE → AUTONOMOUS

#### AWARE OF AND CAN REACT TO:

- Design and Configuration
- Internal and External Operating Conditions
- Past Performance
- Predicted Future Failure
- MRO Inventory (Internal and External)
- Raw Material
- Supplier Performance
- Customer Requirements
- Environmental Impact



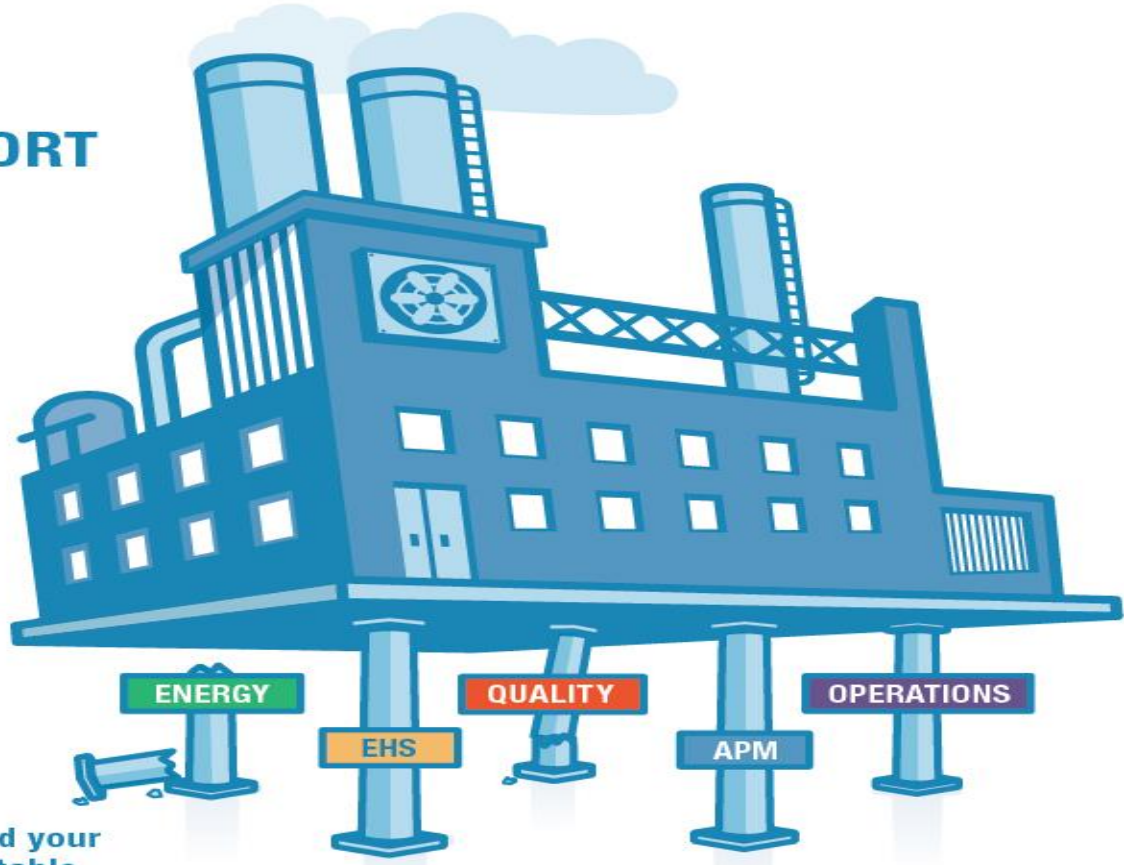
# APM Research Vision: APM & Operational Excellence



Failure In Any Leg Creates Instability/ Failure In Two Or More Creates Disaster

## OPERATIONAL EXCELLENCE SUPPORT

People – Process – Technology  
Operational Excellence Platform



Fall short on any pillar and your OpEx platform becomes tipy

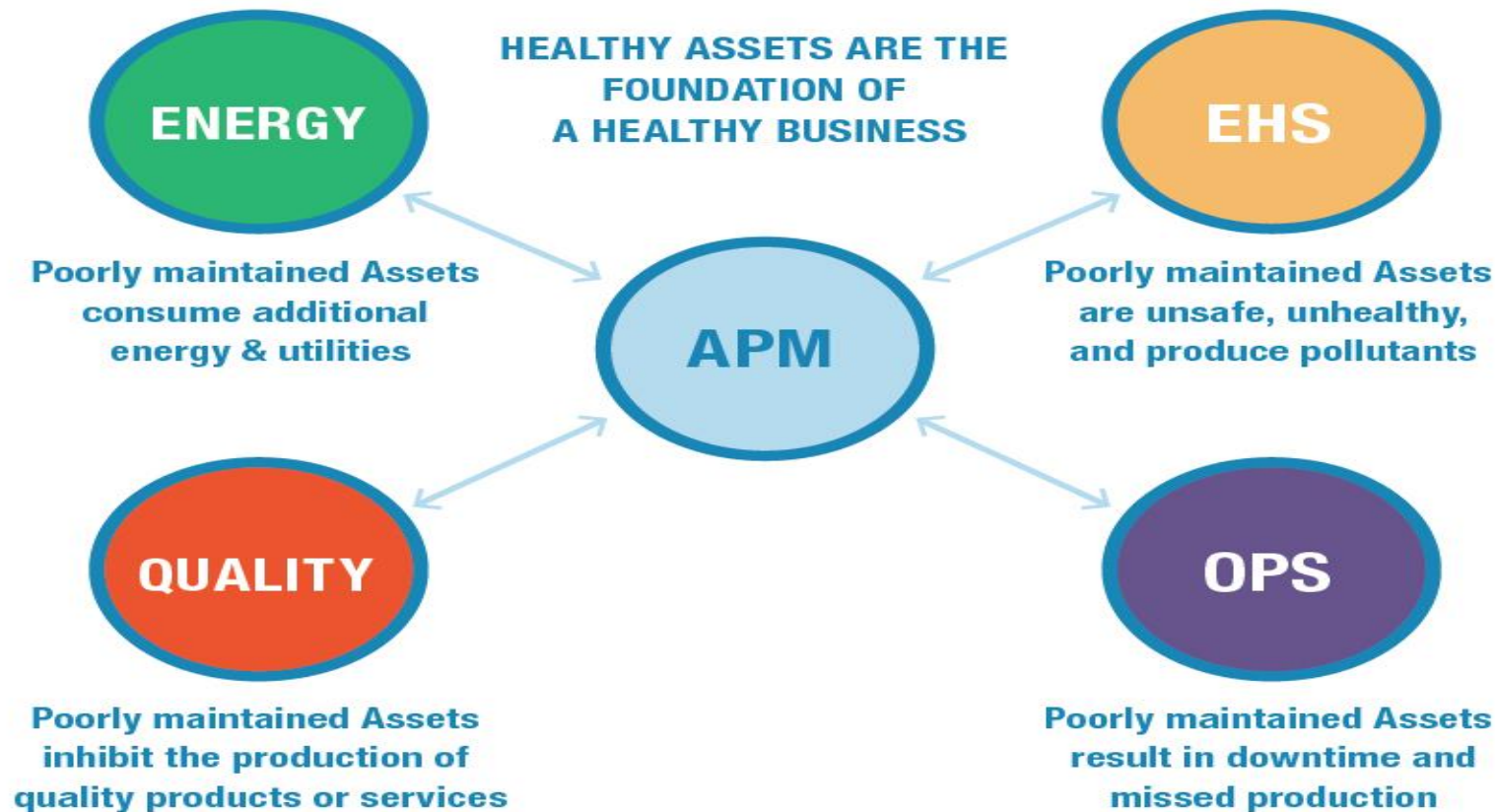
Fall short on two or more pillars and your OpEx platform becomes totally unstable



# APM Research Vision: How APM Relates

Reports and blogs pertaining to: APM & IEM, APM to Improve OEE, Vendor Conferences, APM & Quality, APM & EHS, & Elements in APM

## APM CENTRIC VIEW



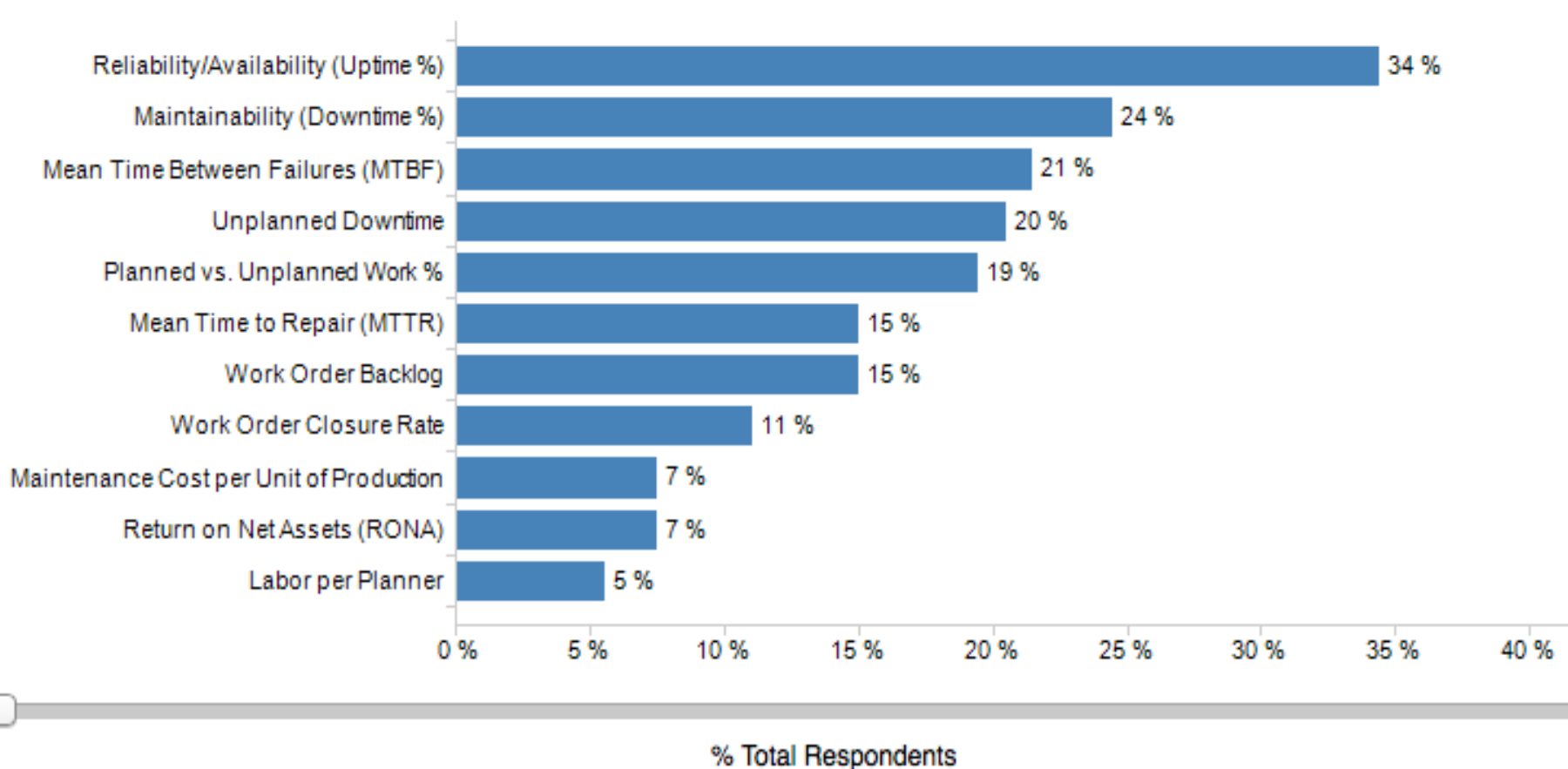
# APM Research Vision: Metrics That Matter

## Deliverables



Reports and blogs pertaining to: APM Metrics That Matter, Metrics by Industry, & Interesting Survey Results

### In which APM metrics do you know your organization's performance?

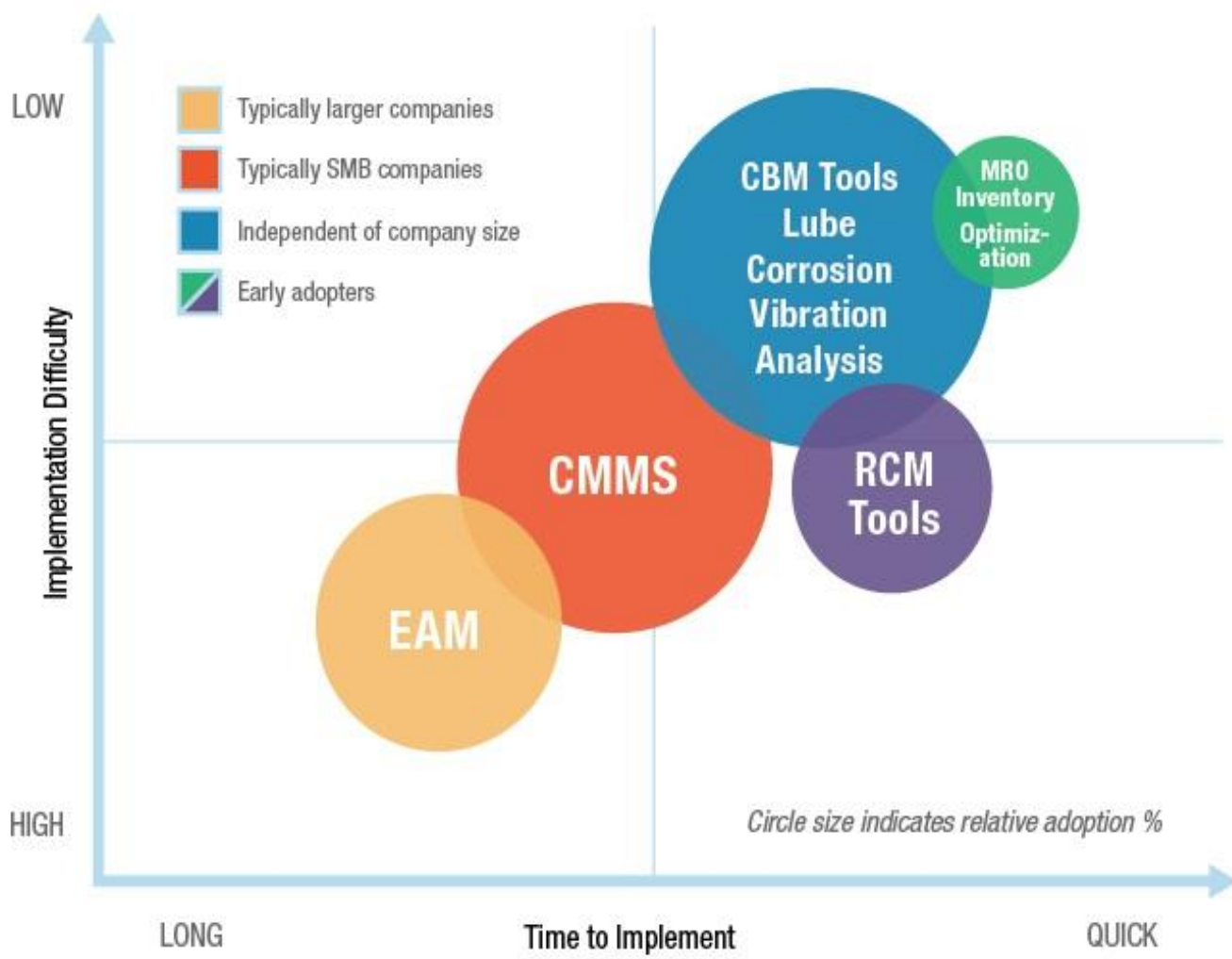




# APM: 2016 Global Executive Council Topics



- MRO Inventory Optimization
- RCM as Tool for Operational Excellence
- Building an APM Culture
- SCA's & New Services
- APM & Sustainability



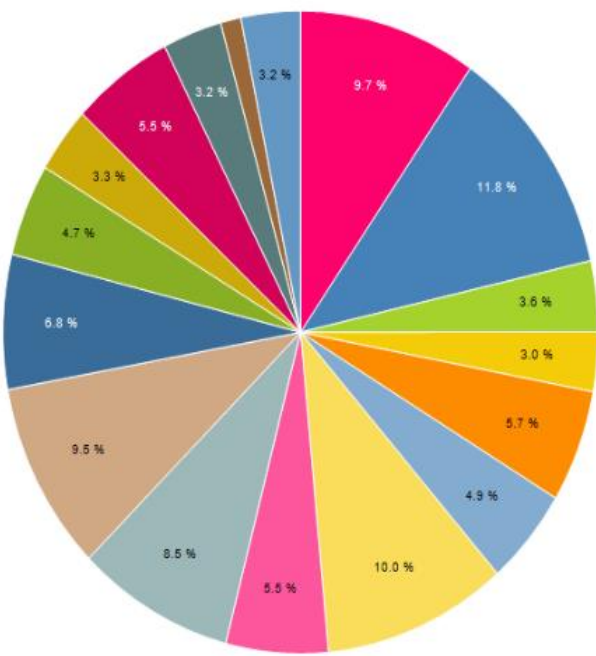
# APM Research: 2016 Vertical Industry

## Focus



In 2016, we will take a closer look at specific APM strategies and case studies in the following industries:

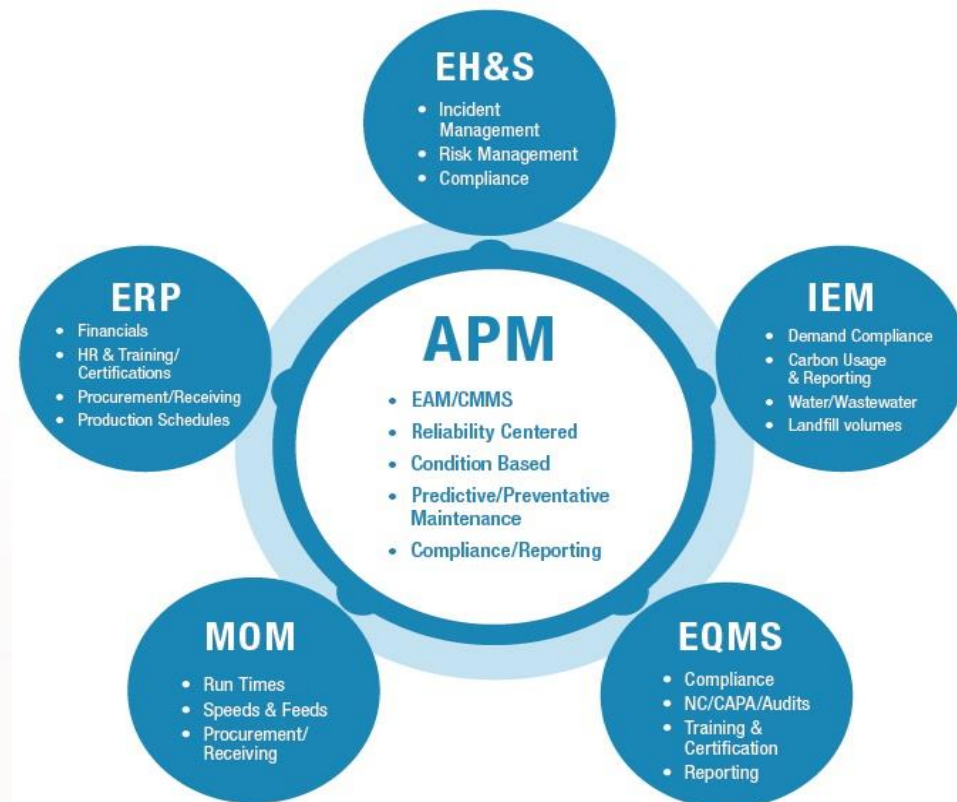
- Utilities
- Oil & Gas / Chemicals
- Mining & Metals
- Asset Intensive Public Sector
- Heavy Transportation
- Food & Beverage
- Life Sciences/Pharmaceuticals
- Forest Products/Pulp & Paper



# APM: 2016 Integrated Campaign

## Asset Performance Metrics: The Potential of Big Data & Predictive Analytics

- Understand the impact of metric programs, KPIs, the supporting processes, and key technologies being utilized to accelerate asset performance and management
- Key metrics being used across the spectrum of roles and responsibilities in asset performance activities:
  - Reliability/RCM,
  - MRO inventory, uptime/downtime
  - Maintenance utilization
  - OEE and sustainability



# APM: 2016 Integrated Campaign

## Smart Connected Assets role in Digital Transformation: How People, Process & Technology are disrupting Business Models

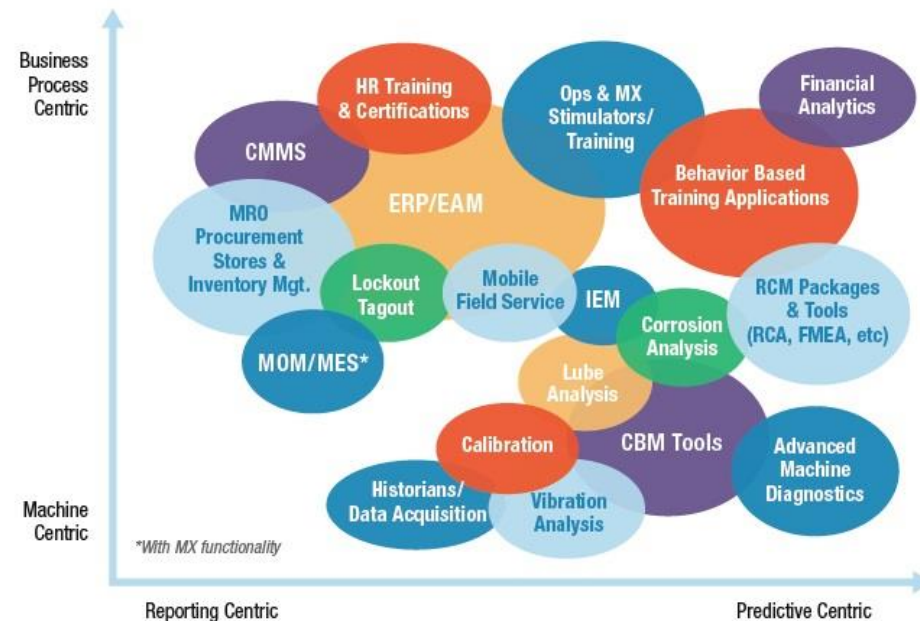
- Research focused on how Smart Connected Assets can drastically alter business models
  - Usage as a Service
  - Asset Lifecycle Management as a Service
  - Connected Workforce (operate assets anywhere)
- Research on new types of innovation and creativity in APM and how it will change the way we work, communicate and maintain assets
  - Wearables integrated into the workforce
  - Industrial internet of things
  - Digital Models



# APM: 2016 Integrated Campaign

## Enterprise APM is Enabling the Pursuit of Operational Excellence

- Learn how APM is the foundation of Operational Excellence
- See how the EAM providers, Automation companies and traditional APM solution providers are reaching a convergence point
- Understand how this evolving vendor landscape is making the pursuit of Operational Excellence easier than ever and to architect an APM to drive operational excellence going forward.





Q&A

Thank You!