Asset Management – The Indian Context

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Key Challenges faced by Indian Utilities in Asset Management

**OPERATIONS**
- High unplanned downtime
- People dependent, manual processes
- High operational cost
- Reduced performance

**MAINTENANCE**
- Ad-hoc maintenance of assets
- Higher reactive maintenance
- Increasing failure of ageing assets
- Difficulties in achieving in IT/OT integration

**INVENTORY MANAGEMENT**
- Absence of activity-based inventory planning
- Inefficient supplier service agreements
- Difficulties in predicting accurate demands

**DATA MANAGEMENT**
- Siloed operations with disparate systems
- Uncertainty in analytics implementation costs
- Inconsistent data quality
- Enterprise-wide view of Asset related data not available

**Business Impact**
- Operational Risk: Increased
- Asset Utilization: Decreased
- Revenue: Decreased
- Workforce Productivity: Increased
- Mean Time To Repair: Increased
- Inventory Cost: Increased
Emerging drivers for advanced Asset Management Requirements

- Ageing Assets
- Increasing demand and variable generations
- Increasing cyber security and physical asset threats
- Increasing regulatory mandates
Given this context, some immediate imperatives that emerge for Utilities...

1. Develop a comprehensive Asset Management Strategy
2. Enhance data quality and reliability
3. Focus on IT-OT integration
4. Leverage digital for all aspects of Asset Management
5. Enhance focus on cyber security
Thank You

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