



Wipro's Asset Maintenance Management

Seamlessly integrated asset information



Wipro's Asset Maintenance Management solution is an Enterprise Asset Management (EAM) solution armed with ArcGIS and supported by the Industrial Internet of Things (IIoT) tools. It helps – preventive rather reactive by saving precious time, money and resources and preventing from any production loss.



Provides a large seamlessly integrated geospatial data based visualization and analysis platform of Enterprise Asset Management System.



Helps reduce manual interventions and increases operational efficiency and productivity and data losses.

Automate and streamline the overall process of asset maintenance

Solution overview

The solution provides:



Benefits

- Increased productivity and operational efficiency from automated geospatial data collation and analysis
- Geospatial visualization and insights of asset data across the enterprise for improved decision making
- Real-time predictive asset monitoring over routine field work to save significant time and cost, and avoiding unplanned outages – hence leading to increased operational efficiency
- Cost advantage of having the GIS platform for geospatial visualizations over the ERP/Asset Management products

Features

- Maintains spatial assets network across the transmission and distribution system – supply main pipes, feeder main pipes, service pipes, valves, reducers and regulator devices to control and regulate gas flow; joints and fittings that join different pipes and meters to measure inlet and outlet of gas
- Sensor – GIS integrated real-time remote monitoring of assets
- Preventative and planned on-time or usage analysis
- Condition-based, predictive or reliability-centered maintenance and sharing alerts and notifications
- RFID based asset tracking
- Field force allocation, tracking incidents to closure



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