Tower Remote Monitoring Solution
The current business challenges

- Fuel losses including diesel pilferage are estimated to be 15 to 20 percent of the total diesel consumed.
- Theft of copper equipment.
- Revenue loss due to downtime.
- Evaluating the efficiency of assets is a major concern.

Our Solution

Tech Mahindra’s Tower Remote Monitoring Solution (TRMS) is specifically built to equip Communication Service Providers with an infrastructure to monitor, manage and control their assets inside the Telecom Towers distributed over a wide geography. TRMS delivers business value through:

- Increased Tower Uptimes,
- Reduced Opex Spends,
- Higher Asset Utilization.

Our Key Offerings

- Home grown wireless sensors and gateways (with direct digital controller).
- Retro fitted implementation in nonintrusive way.
- Analytical inputs for dashboards to report, monitor and control.
- Added layer of efficiency over conventional Cell Tower Monitoring System.

Our Key Proposition

- Energy Savings up to 10 to 12%.
- Innovative Technology.
- Remote Operations.
- To increase productivity while minimising cost.
- To optimize energy consumption and reduce carbon emission.
- To monitor assets in network on real time basis and identify problems proactively.
- To improve utilization of assets.

By controlling lighting, heating, ventilation and air conditioning you can achieve energy savings of 8%-20%. Additional 15%-25% energy savings can be achieved if free cooling is installed.

Features

- Alarm Management.
- Fuel & Energy management.
- Shelter Access Management.
- Asset Management.
- Preventive Maintenance.
- Network Operation Centre.
- Business Intelligence.

Benefits

- Energy Measurements - Enables dispute free vendor payments and operators billing.
- Alarm management - Trouble ticketing with flexible escalation workflow.
- Notification - Alert field staff by SMS, escalations by emails.
- Tower Equipment Health status - Battery health status, Fuel level at DG sets.
- Centrally managed NOC Services.
- Asset Life Cycle Management.
- Preventive Maintenance workflow.
- Enterprise ERP Integration - Enables seamless information flow within enterprises.
- High end analytics -for optimizing consumption, Analysing equipment performance, monitor operations efficiency.

Connect with us to know more: connect@techmahindra.com