

Infozech's Remote Operating Centre

An IoT platform to improve site uptime and efficiently meet SLAs



HOW DOES iROC HELP?

Telecom and tower industry significantly relies on IoT platforms for streamlining and managing tower operations.

- iROC has optimally supported Towercos for over two decades by decoding the collected data.
- It turns the validated data into actionable intelligence with analytics to overcome challenges faced by Towercos and Telcos.
- It is a system agnostic centralised platform driven by IoT.
- It enables organizations to reimagine their remote visibility and control functions as well as significantly increase operational excellence.

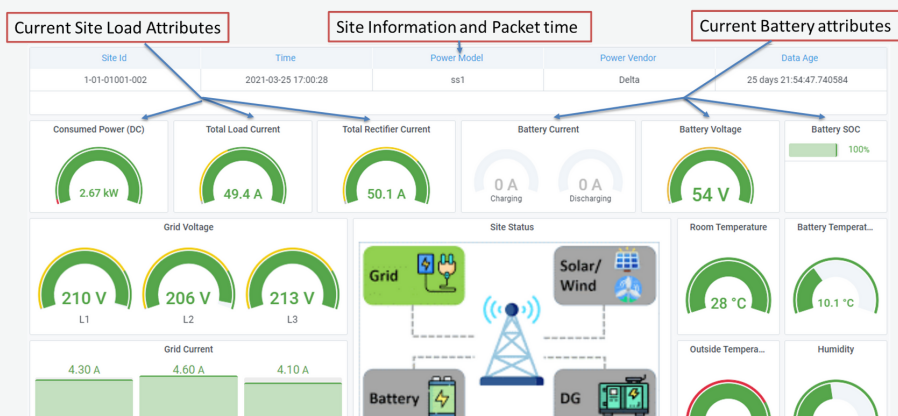
FEATURES

IoT/ RTU / 3rd Party system integration capabilities

Ease of integration with any kind, make, model and version of hardware, smart devices and other 3rd party systems like ERP, FMS etc; making it system and hardware agnostic.

Centralised platform with flexible configurations

All data and alarms are monitored on a centralised platform. Easy and quick deployment with flexible configurations. A robust architecture allowing fully safe transactions and optimum data security.



OPERATIONAL ADVANTAGE

Passive infrastructure
uptime improved upto

20%

Enhance visibility of
passive network upto

50%

Optimize Energy
utilization upto

18%

Improve MTTR
and MTBF upto

15-20%

Real time detection-
Fuel/Grid/Battery theft



Reduce operations
and maintenance cost



FEATURES

Reporting and Analytics

Powerful reporting helps achieve KPIs with advanced dashboards and analytics. AI/ML assisted analysis on Site Outage, Data quality, Overlapping hours, Error reports, Equipment health, PUE (Power usage effectiveness) and many more.

Site Control-

Remote bi-directional communication and control of the devices on your sites like generator, cooling system, lights etc. Run equipment tests and set configurations to optimise device usage and improve site performance.

Intelligence in telemetry data and correlation of alarms

Defining, correlating and configuring alarms from all vendors at the server end as per the organisation's nomenclature, thus reducing system complexity. Extracting intelligence from data and deriving alarms based on multiple parameters, historical values, threshold breaches and combination of different attributes from devices

