

pace power remote management system



PPRMS

MAIN FEATURES OF THE RMS UNIT :

- Site alarms monitor with PFC's and RS 232 port.
- Dual AC energy meter with RS 485 port.
- DC energy meter with four channel and RS 485 port.
- Battery monitor with RS 485 port.
- DG fuel monitor with RS 485 port.
- Air Conditioner monitoring with RS 485 port.
- Power plant monitoring with RS 485 port.
- GPRS plug with antenna.

PRMS functionality with the remote management system monitor and manage and shared, microprocessor-based, software-driven system controller with Remote Management Solution for Existing Wireless Cell Sites



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PPRMS

PACE POWER REMOTE MANAGEMENT SYSTEM



The **Pace Remote Management System (PRMS)** is a fully automatic telecom Cell Site Passive Infrastructure Monitoring & Management Solution used in GSM Network, CDMA, Optical repeater networks etc. PRMS rightly fits within existing conventional cell Sites network, and provide the real-time Passive network related information.



Pace offers an end-to-end solution comprising of software, services, customization services and hardware with the GPRS Remote Management System. It does collection of data from various sources and monitors entire cell site passive infrastructure and service usage continuously, automatically notifying technical analysts when abnormalities & failures occur.

Pace Power Remote Management System



Pace Power Systems is pleased to propose a complete integrated site alarm monitoring solution based on industry leading and cutting edge "GPRS/GSM Remote Management system" product from Pace for Passive Infrastructure Network Monitoring System. This is coupled with Pace Regional services capabilities as well as expertise. Pace will leverage both local and regional services resources that have direct large-scale implementation. Pace's delivery is based on proven methodologies, processes and tools. By leveraging innovative technologies in Power and cost economical site build, with best practices and an open relationship, Pace will deliver a best fit packaged solution.

PRMS SOLUTION PROVIDES :

- **Allows performing detailed analysis** of Passive infrastructure element performance and event data generated by passive network elements, like AC/DC distribution and measurement with tailed utility billing system.
- **Identifies and eliminates the potential failures** by preventive maintenance of Air-conditioner unit, Diesel Generator unit and monitoring the historical norms, then zeroing in on abnormalities and differences between normal and actual usage events.
- **Generates business intelligence** about passive infrastructure that will reduce substantial amount of operational cost as compare traditional site management approach, and service usage of assets in increase in operational efficiency.
- **Operators can then analyze** this data in a variety of ways, using standard reports and ad hoc analysis tools, to support various business needs. For example, Service Providers can use the standard reports to analyze operational efficiency, service levels of passive network, minutes of usage, and passive network element activity.

Pace is committed to work with you to ensure the success of this project in technically & rollout aspect. We can assure that our proposed offer fully complies with all your technical requirements. In addition you would find that our offer is competitively priced in line with the reliability and proven technology.

We are prepared to hold interactive discussions with your esteem organization in order to meet your needs.

The terms and condition of resulting would be subject to further discussion and mutual agreement.



Solution Partnership:

Pace have with strong capabilities in Power & Passive Network planning and Design experience with in-house R&D, Manufacturing; consider to be leading supplier in Power Solutions and Remote Management/Monitoring systems to propose to you with highly reliable Pace Remote Management Solution in a cost effective way.

The key benefits our partnership to you would be

- Pace's knowledge of passive infrastructure and expertise in infrastructure Management solutions
- Pace's has extensive Project Management, Deployment, Implementation and Maintenance capability with strong in-country team
- Pace's proven track record in solutions as part of Managed / Maintenance Services offering, if Customer chooses this approach
- Ability to manage the passive network remotely to provide reliable data access with less overhead and greater return on resource investments
- Rapid recovery and data retention benefits shall provide meet SLA's with minimum cost for any network-critical issue.



Proposed Pace Remote Management System - Value Proposition

- Pace Remote Management System (PRMS) is a fully automatic telecom Cell Site Passive infrastructure Monitoring & Management Solution used in GSM Network, CDMA, Optical repeater networks etc. PRMS rightly fits within existing conventional cell Sites network, and provide the real-time Passive network related information.
- Solution automatically adapts to your passive network, requiring no pre-defined rules with any cell site adaptation.
- Solution gathers a wide range of Passive infrastructure network related information such as power distribution monitoring & measurements, along with the usage of assets. Integrated Alarm Failure Ratios Per site/cluster, etc.
- Because it analyzes and compares detail data historical norms, your network operations, sales, marketing and finance groups can gain valuable insights on the success and profitability of your existing service offerings and consolidation of sites.
- In addition, with GPRS access management with real-time data can help you plan, implement and ultimately track the performance of operational services.

INTEGRATED DC ENERGY MONITORING

1. Scope: 1.1. To monitor the BTS cell sites energy consumption . 1.2. To monitor the energy through RS 485 port via GPRS link. 1.3. Reduce delay on the information. 1.4. Modular design so it can be utilized as per the requirement. 1.5. Interoperable solution.

Multiple channels measurement provision . b. Microcontroller based technology. c. Measures and displays the DC voltage , DC current of each channel & KWH of each channel. d. RS 485 modbus protocol. e. Built in CT's for current measurement upto 100A per channel. f. No. of channels 4-7 . g. Accuracy better than 1% h. Alphanumeric LCD display. i. Self auxiliary supply. j. Wall mounting type in ABS cabinet. k. Compact design. l. DC voltage 20 – 60V.