REPEATER MANAGING SYSTEM

A Cost Effective Solution for Customer Satisfaction & Seamless Service Quality

Synopsis:
- Monitor repeater status and control their key parameters in the mobile network, all REMOTELY
- Provides an efficient solution for managing the mobile network with ever-increasing complexity
- Ready to tailor the generic solution in order to meet specific customer needs via consulting service
- Able to link repeaters from the networks with different standards (e.g., WCDMA and CDMA) or even RMS-noncompliant repeaters
- Attain the highest level of service quality via just-in-time maintenance/efficient management of repeaters and delivery of optimal call quality

Enhanced service quality

Monitoring equipment remotely
Early detection of equipment(s) malfunctioning
Fast restoration to normal operation
Less customer complaints

“A Cost Effective Solution for Customer Satisfaction & Seamless Service Quality”
Key Features

Via full-fledged GUI

- Monitor the repeater status (e.g., forward amplifier status and output power, etc.)
- Issue real-time alarm message(s)
- Control the repeaters' key parameters (e.g., amplifier gain)
- Track the history of repeaters' performance indices
- Maintain up-to-date repeater connection map and RMS-wide statistics on performance indices and abnormal RF spectra (by plugging in FineREM_RFMS)
- Monitor the RF environments around repeater(s) (by plugging in FineREM_RFMS)
- Monitor the RMS server and network devices (e.g., CCU) status

Versatile to support various environments, protocols, languages and interface

- Client/server environments
  - Client: Windows- or web-based applications
  - Server: Unix/Linux or Microsoft Windows server
- Applications supported in multiple language environments
- Communication protocols: TCP/IP, UDP, SMPP, SNMP
- Comm. interfaces: Ethernet, HDLC, ATM, E1, RS-232C, dial-up modem, DTMF

Specifications

<table>
<thead>
<tr>
<th>Items</th>
<th>Specifications</th>
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<tbody>
<tr>
<td>Repeaters compliant with FineREM_RMS</td>
<td>Analog optical repeater</td>
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<tr>
<td></td>
<td>Digital optical repeater</td>
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<td>In-door, out-door DAS (Distributed Antenna System)</td>
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<td>RF repeater</td>
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<td>ICS repeater</td>
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<td>Microwave repeater</td>
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<tr>
<td>Managing capacity</td>
<td>Over 30,000 units</td>
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