

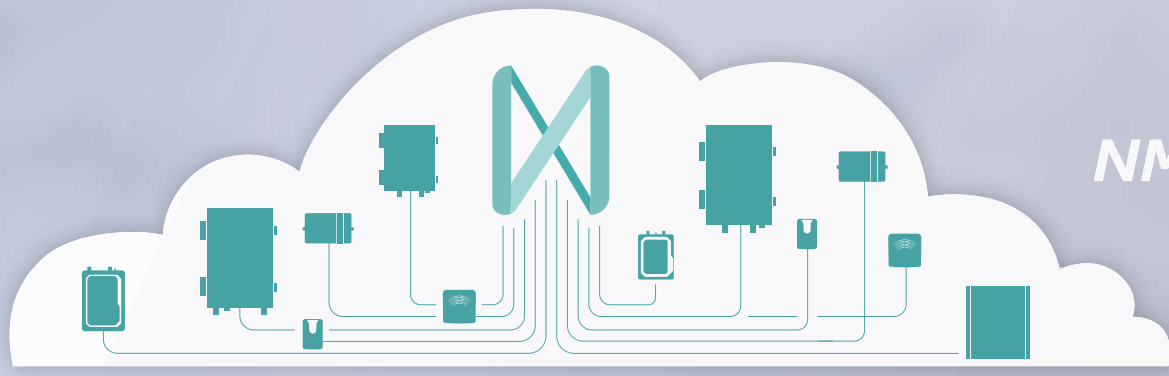
Network Management System

Cloud-based repeater control & site survey solution



NMS Infinity





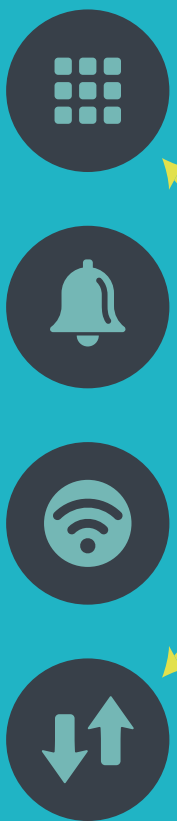
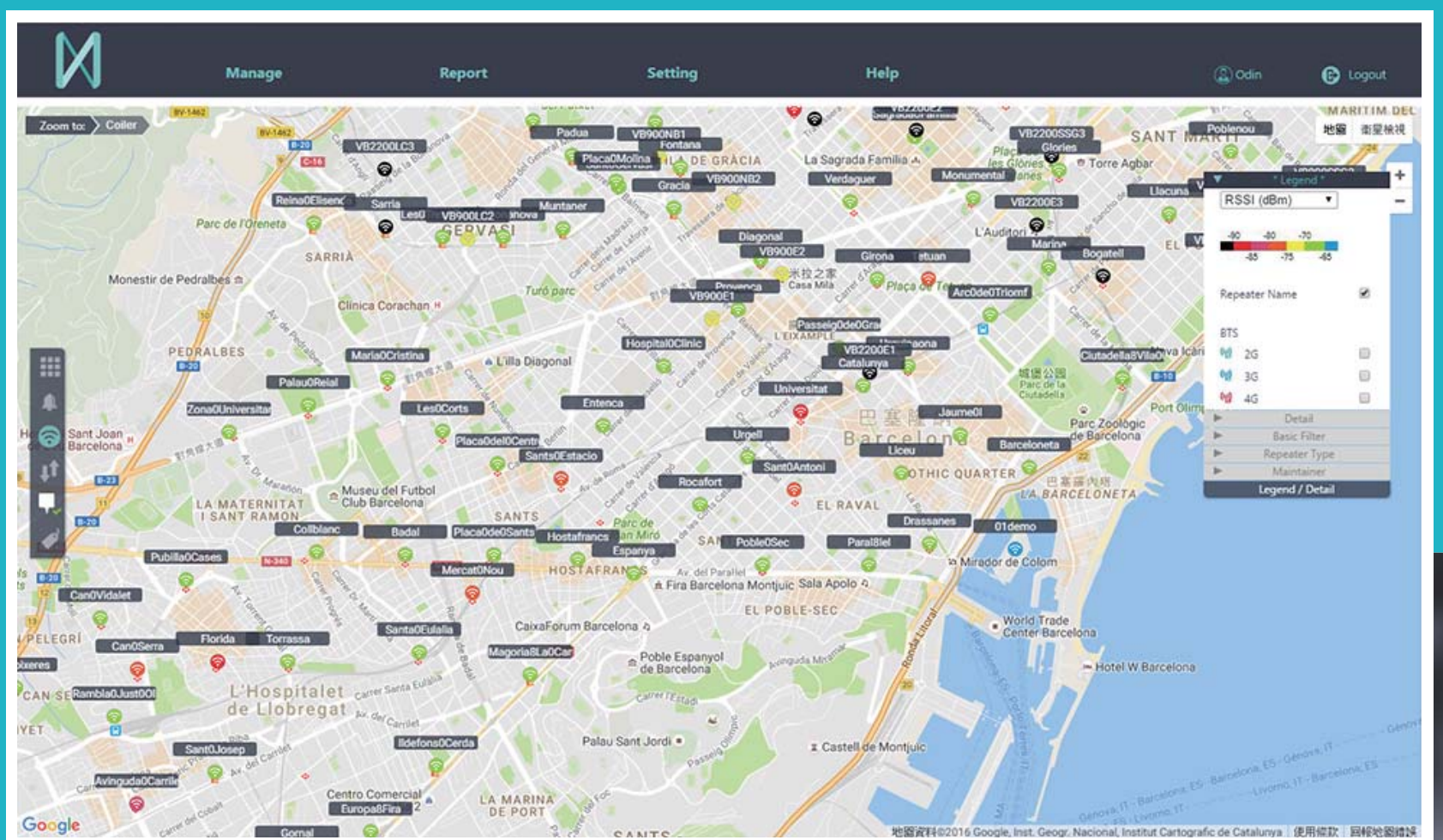
NMS Infinity is the latest remote repeater management

solution developed by Coiler Corporation. Intuitive and fast, this fully customizable PC software's unique features make it an indispensable tool for operators worldwide.

User-oriented

Map Interface

Instead of using cumbersome lists, NMS Infinity displays the critical data of all the repeaters in a network on a Google Maps-based user interface. This enables users to get a one-glance view of their overall network status, and repeaters requiring specific attention can easily be located.



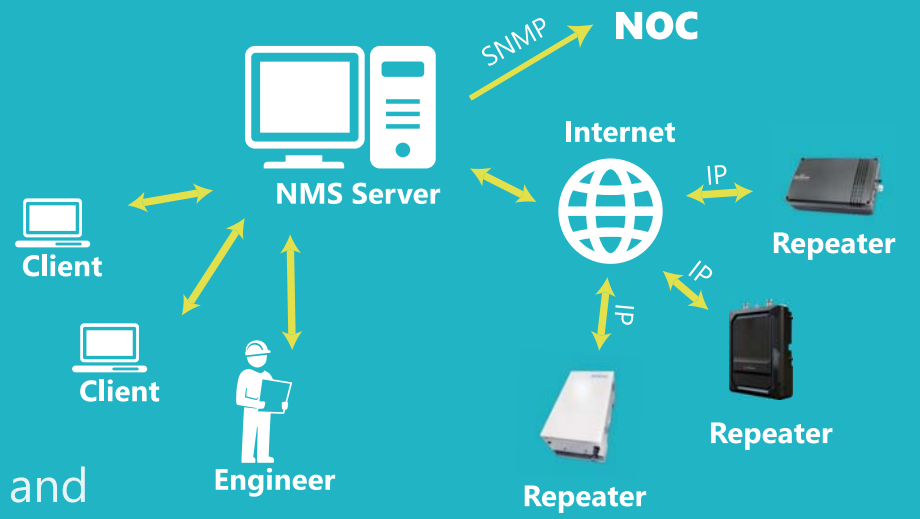
Cloud-based System

NMS Infinity's cloud-based architecture means the software can be accessed anywhere with a browser, greatly simplifying its usage. This private cloud can either be hosted on the customer's own servers, or on Coiler Corporation's.

Fast

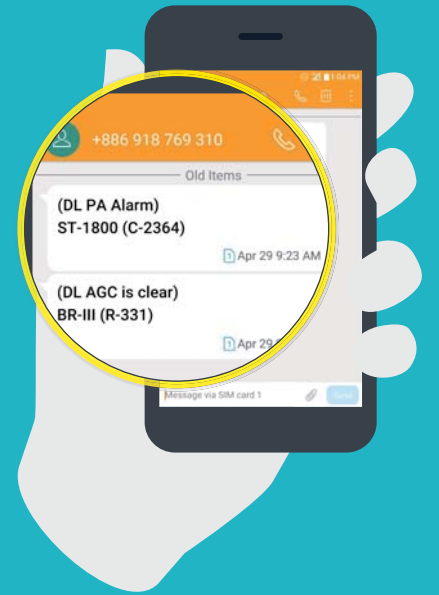
IP Communication

Aside from supporting traditional SMS-based communication, NMS Infinity also supports IP data to communicate with the repeaters in the network. IP communication allows for almost real-time polling and control of repeaters.



Alarm Forwarding

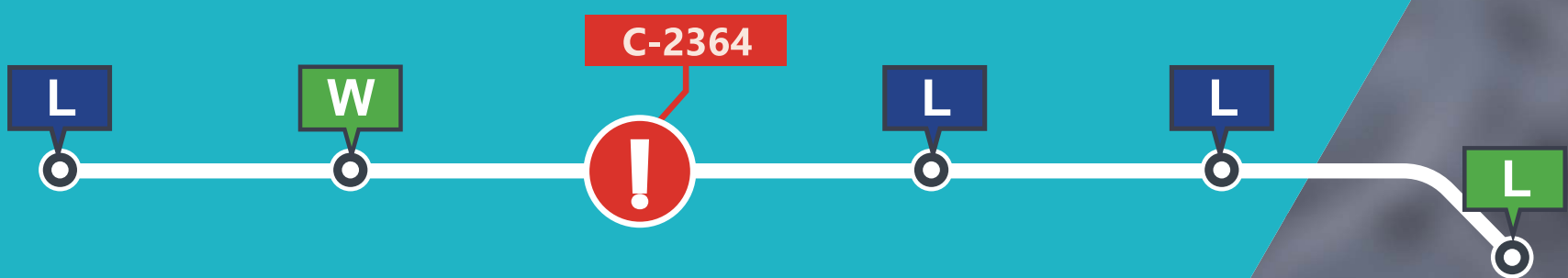
Any time an alarm is triggered on one of the repeaters in the network, NMS Infinity will immediately forward it to the NOC (via SNMP) and/or to the maintainer responsible for the unit (via SMS or email), guaranteeing that no alarm goes unnoticed.



Customizable

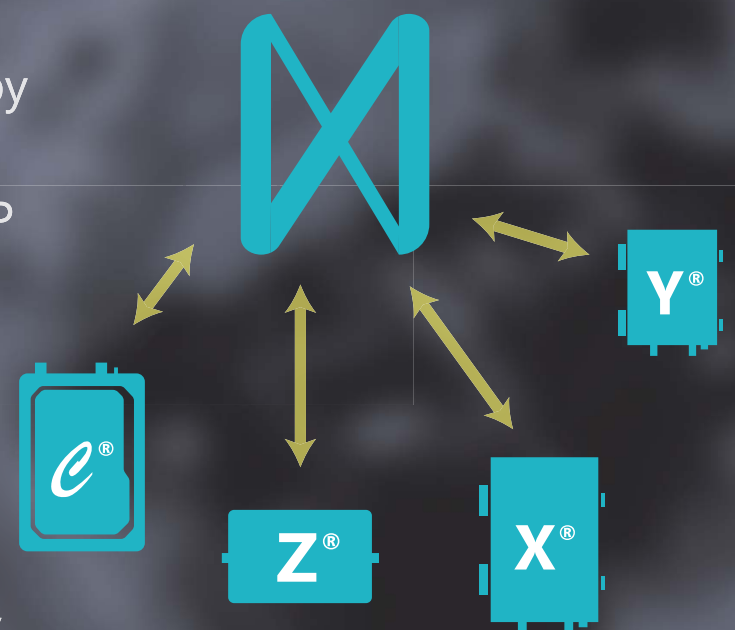
Flexible Settings

Administrators of NMS Infinity can create multi-layer zones, define user privileges, customize reports, set automatic polling & backup schedules, modify the map legends and even change the logo, tailoring the software to the exact needs of its users.



Multi-vendor Support

The Repeater Control Protocol (RCP) is a protocol designed by Coiler which can be universally applied by all repeater manufacturers. Several operators have requested Coiler's RCP and released it to their various repeater suppliers, ensuring that all the repeaters in their network can be managed by Coiler's NMS Infinity. In addition, Coiler offers the option of integrating other repeater manufacturers' protocols into the software code, so operators can transfer non-Coiler repeaters into NMS Infinity.



Site Survey and Big Data Gathering

Remote Site Survey

NMS Infinity supports Coiler's new in-repeater modem, the Remote Survey Unit (RSU), developed to replace the traditional RCU modem for remote repeater management. RSU-equipped repeaters are able to perform call tests and measure signal strength in the repeater's service areas, thus simulating user experience and providing valuable insight on signal and performance throughout the network.

C-2364

Network: LTE
Cell ID: 26715
Repeater Type: ST1800
RSSI: -51dBm
RSRQ: -76 dBm
RSCP: -8 dBm
SINR: 17.6 dB
PCI: 9
LCI: 111
eNBID: 221093
TAC: 22710
ECI: 56599919
MCC/ MNC: 466/ 97



Big Data

NMS Infinity allows users to schedule the dates and frequency of these call tests, which can be performed 24/7 and as often as desired. The data collected is then available for analysis, enabling operators to monitor network usage performance and develop efficient network planning strategies.



Technical Details

Hardware Requirements

- CPU: 3.0GHz quad-core or higher
- Memory: 16GB or higher
- Hard Drive: 500GB SSD or higher
- USB 2.0 Port: minimum 2

Software Requirements

- OS: Windows Server 2012
- Database: MySQL 5.5(standard package) or Oracle (optional)

SMS Communication

- 2G/3G Modem (standard package) or via SMPP gateway (optional)



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