

encom STRATOS + plus

visualize



manage



secure



maintain

Encom STRATOS plus provides a powerful yet simple interface for rapid wireless network deployment, effective management and crystal clear system visualization.

Encom STRATOS plus is compatible with all ENCOM broadband systems including: 900 Mhz, 2.4/4.9/5.8 Ghz, 802.11 a/b/g/n devices. STRATOS Plus is the central management platform for the entire wireless network.

With **Encom STRATOS plus**, you will save time and money, improve wireless network performance, and deliver mission critical data for your applications.

The Stratos Advantage

- + **Simplify** installation with profile based configuration.
- + **Visualize and manage** all wireless devices from a central location.
- + **Reduce maintenance** costs with powerful diagnostics.
- + **Email alerts** reduce downtime.

The Stratos Experience

- + **Real time** network visualization with color coded link quality indicators on a map.
- + **Email alerts** for device status changes.
- + **Powerful** system diagnostics enable optimization.
- + **Automatically** locate devices with embedded GPS receiver.
- + **Flexible** and customizable user interface.
- + Use **VPN connection** to remotely manage devices from anywhere in the world.



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Wireless Network Health

Wireless Link Status

- + Achieve perfect antenna alignment
- + Receive Signal Level (dBm)
- + Connection Quality

Bandwidth Testing (Mbps)

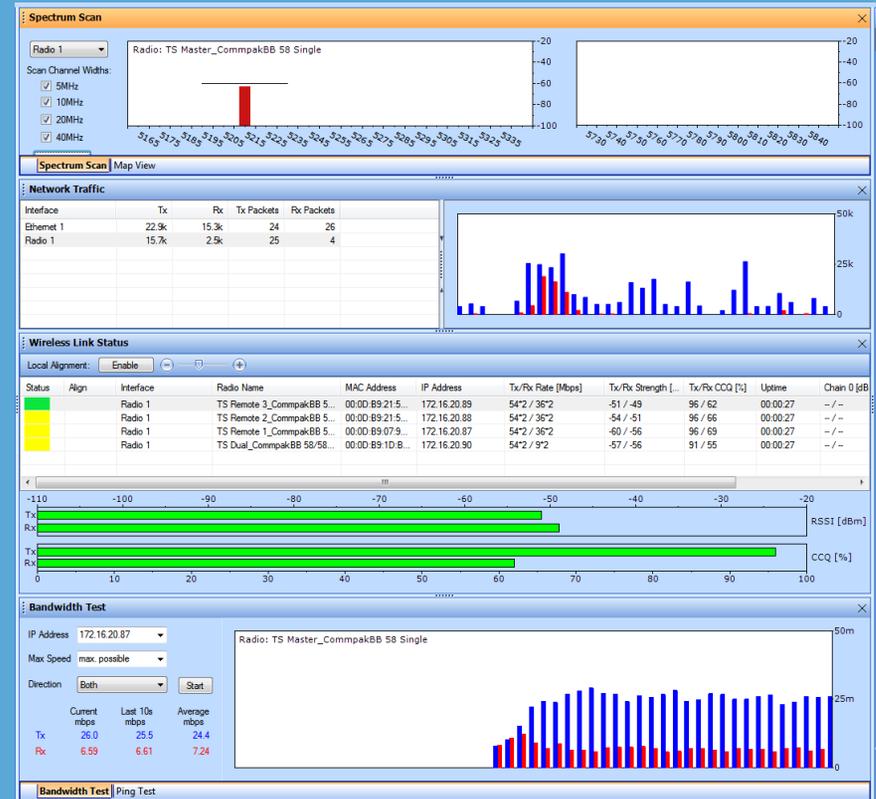
- + Real world test of available throughput
- + System Wide Ping Test Tool
- + Real Time Network Traffic Monitor

Spectrum Analyzer

- + Signal to Noise Ratio
- + Choose clearest channel

Network Traffic

- + Understand network usage
- + Optimize network design

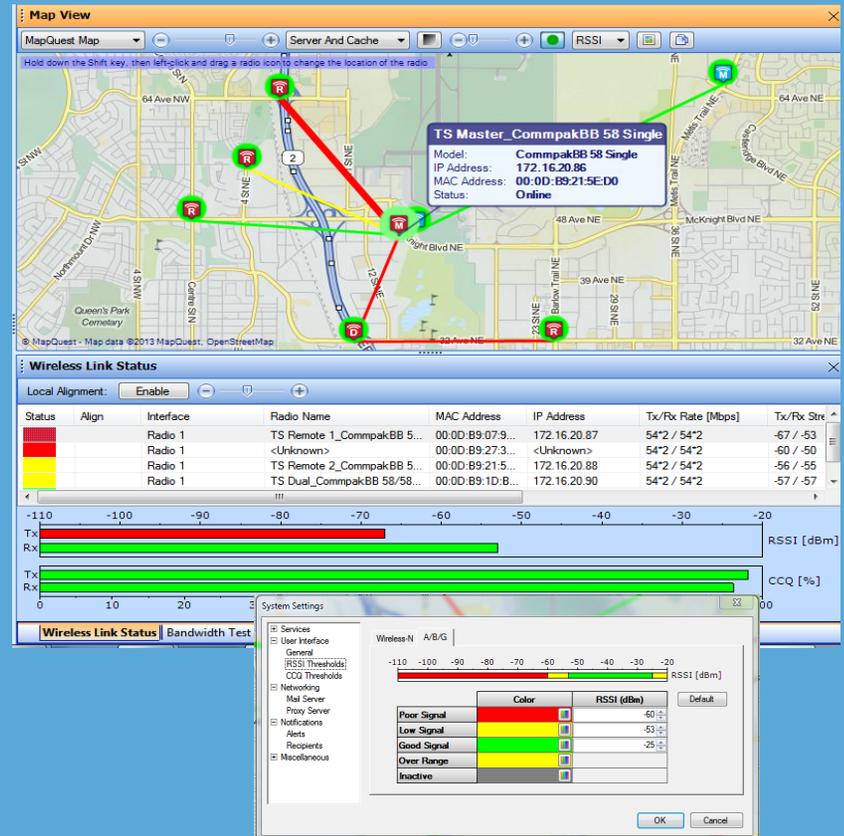


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Real Time Network Visualization

with color coded maps:

- + Color coded icons: online/ offline status
- + Link quality indicators between associated sites:
 - + Signal Level
 - + Connection Quality
 - + User defined thresholds



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Alerts

+ On screen visual alerts for user defined alarm conditions:

- + Online/offline status
- + Decrease in signal level
- + Reduction in connection quality
- + Change in modulation rate

+ Email alerts can be sent automatically to network managers

The screenshot displays the Encom Stratos V1.4.1.0 interface. On the left is a 'Radio List' with columns for Name, IP Address, and MAC Address. The main area is a 'Map View' showing a street map with radio locations marked by colored circles. On the right is an 'Item Properties' window for a specific radio. At the bottom is an 'Alerts' table with columns for Radio, MAC Address, IP Address, Alert, and Started At.

Radio	MAC Address	IP Address	Alert	Started At
LACY - 56/57	00:00:89:1C:26	192.168.126	Offline for 20 or more minutes	May 07, 2013 01:11:08 PM
GREENFIELD - 61	00:00:89:18:20	192.168.126	Offline for 20 or more minutes	May 07, 2013 01:11:08 PM
GRANGEVILLE - 54	00:00:89:28:28:44	192.168.126	Offline for 20 or more minutes	May 07, 2013 01:11:08 PM
HOMER DEPOT - 56	00:00:89:27:20:24	192.168.126	Offline for 20 or more minutes	May 07, 2013 01:11:08 PM

The screenshot shows an email alert message with the following details:

Low Signal Strength

Radio Name: TS 58N2 Remote
 MAC Address: 00:0C:42:6D:A5:22
 IP Address: 172.16.20.97
 Condition: One or more wireless links with a signal strength (RSSI) that has been less than -35 dBm for 1 or more minutes.
 Started at: Apr 26, 2013 01:49:11 PM



Canadian Headquarters
 #7, 640-42 Avenue NE
 Calgary, AB T2E 7J9, Canada
 Toll Free: 1 800 617 3487
 Fax: (403) 276 9575

USA Headquarters
 3750 Arapaho Rd. Marsh Business
 Park Addison, Tx, USA, 75001
 Toll Free: 1 800 617 3487
 Direct: (972) 885 5170
 eFax: (214) 736 5749

