

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)

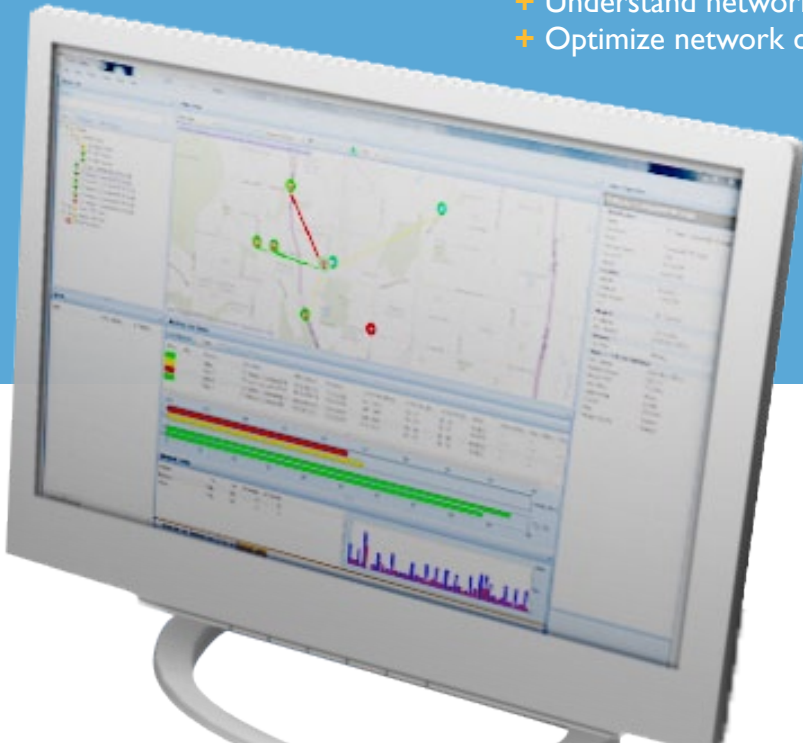
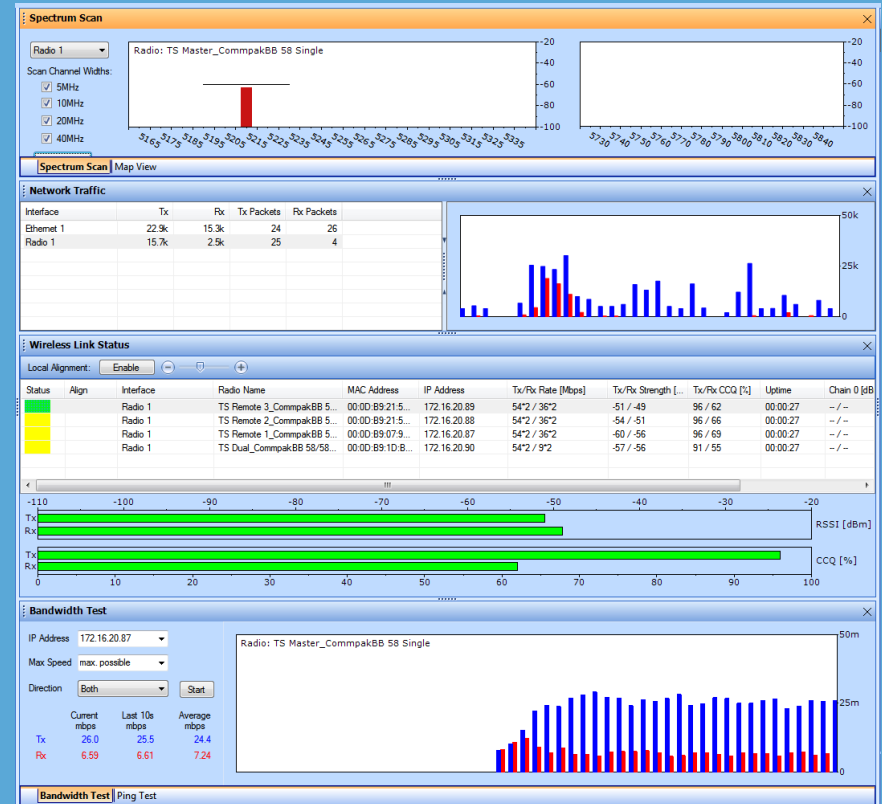
- + Real world test of available throughput
- + System Wide Ping Test Tool
- + Real Time Network Traffic Monitor

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

Map View

MapQuest Map | Server And Cache | RSSI

Hold down the Shift key, then leftclick and drag a radio icon to change the location of the radio

TS Master_CompakBB 58 Single

Model: CompakBB 58 Single
 IP Address: 172.16.20.86
 MAC Address: 00:00:B9:21:5E:D0
 Status: Online

Wireless Link Status

Local Alignment: Enable

Status	Align	Interface	Radio Name	MAC Address	IP Address	Tx/Rx Rate [Mbps]	Tx/Rx Str
Red		Radio 1	TS Remote 1_CompakBB 5...	00:00:B9:07:9...	172.16.20.87	54*2 / 54*2	-67 / -53
Red		Radio 1	<Unknown>	00:00:B9:27:3...	<Unknown>	54*2 / 54*2	-60 / -50
Yellow		Radio 1	TS Remote 2_CompakBB 5...	00:00:B9:21:5...	172.16.20.88	54*2 / 54*2	-56 / -55
Yellow		Radio 1	TS Dual_CompakBB 58/58...	00:00:B9:1D:B...	172.16.20.90	54*2 / 54*2	-57 / -57

RSSI [dBm]

CCQ [%]

Wireless Link Status | Bandwidth Test

System Settings

Wireless-N A/B/G

RSSI [dBm]

Color	RSSI (dBm)
Poor Signal	-60
Low Signal	-53
Good Signal	-25
Over Range	
Inactive	



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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

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
HOME DEPOT	00:00:89:27:20:24	192.168.126	Offline for 20 or more minutes	May 07, 2013 01:11:08 PM

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

