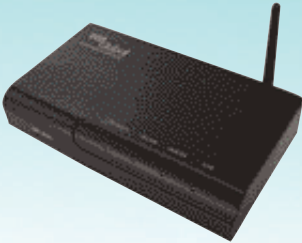# MobileBridge™ 8000

The **MobileBridge**™ is a patented, mobile/portable wireless communication gateway. **MobileBridge**™ is the industry's first and most integrated WLAN and WWAN solution for Enterprise, Mobile Hot Spots, and WISPs. It is secure, simple to use, and easily scalable to enable new applications of Wi-Fi.

The mobile Hot Spot solution, **MobileBridge,**™ combines the best of Wi-Fi technology and 3G mobile communication technology. It leverages the existing and widely available 3G infrastructures with flexible, low cost and simple to use WLAN technology for enterprise applications and for rapid deployment of hot spots anywhere around the world. The solution comes with a full compliment of software packages including security, network management, and AAA (Authentication, Authorization, Accounting) features.

TOP **Global**
Broadening Wireless Horizons

Top Global's **DIGITAL ADVERTISING SOLUTION** relies on state-of-the-art content management, distribution and display technologies that allow for high levels of targeting and creative control. Our solution offers the flexibility to move and manage both content and location for maximum impact.

- Advanced scheduling mechanisms for departing, "weekparting" or any time-based targeting of advertising messages

- IP-based computer network for national, regional or local targeting—down to a single area or a single group of screens within a specific area.

- Broadband distribution for minimum lead time to change content and update messages.

Mobile Media Spot™
- MobileBridge™ 8000
- Novatel 720 PC Card
- Sprint Mobile Broadband
- VPN Compatibility

Network & Management Services
- Content Filtering & Hosting
- Managed/Billable WiFi
- CDN/Multicasting Services
- Top Global Maintenance & Repair SLA

Display Solutions
- Video-over-WiFi w/no CPUs
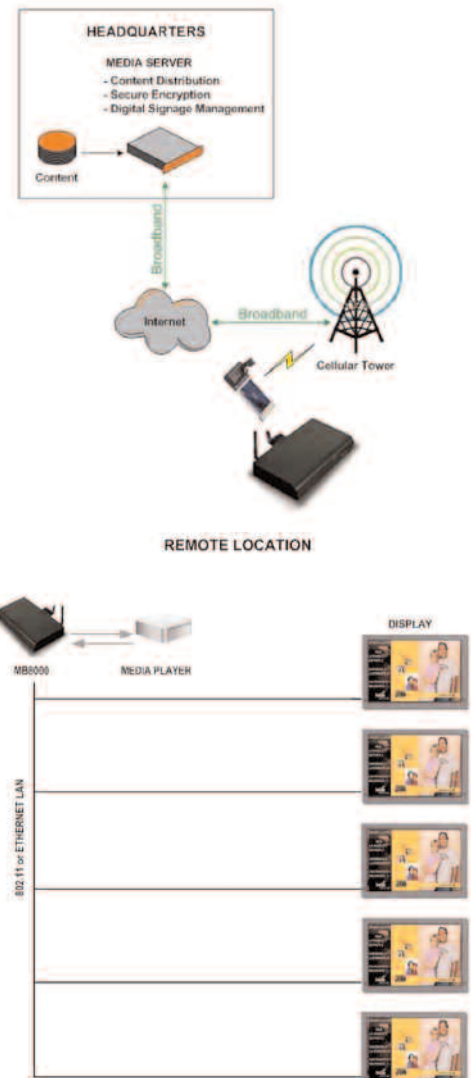- LED-based Digital Signage

Content Management
- Media & Content Management Software
- Remote Management

Internet & Mobile Advertising
- Ad Injection/Persistent Banners
- Mobile Coupons & SMS/Short-codes

DIGITAL SIGNAL EXAMPLE

COMMUNICATION
CMS
MANAGEMENT SERVICES

MB8000
TECHNICAL SPECIFICATIONS

WIRELESS *Supported PCMCIA Card List*

UMTS:	Novatel U530, U630; OPTION Fusion; Vodafone Card
EDGE:	Sierra AC775, Ericcsson GC83, MC75
EVDO (REV 0):	Novatel V620, V640, S620; Sierra AC 575, AC580, PC5220; Kyocera KPC650; Audiovox PC5740; UT Starcom PC5741
EVDO (REV A):	Novatel S720; Sierra AC595; Pantech PX-500
CDMA 1x:	Novatel Merlin C201, C386; Sierra AC555; ZTE MC310
HSPDA:	ovatel U730, U740, XU870; Sierra AC860, AC850, AC875; Huawei E620; OPTION GlobeTrotter; GT MAX
WLAN:	802.11 b/g
Transmit Power:	15dBm
Receiver Sensitivity:	1 Mbps –93 dBm	54 Mbps 10-5 BER @ -70 dBm

NETWORK

- Auto-Reconnect
- DHCP Server
- DNS Relay
- Dial on Demand
- DDNS
- Bridge Between LAN and WLAN
- SNMP v1, 2c
- MAC access control
- DMZ Support
- NAPT between LAN and WWAN
- IP Port Forwarding

MANAGEMENT

- User-Friendly Web GUI
- Setup Wizard
- Multiple Cellular Network Dial Up Mode
- Traffic & Event Log
- 3G WWAN Session & Status Monitoring
- CLI & Telnet Server for command line management
- Standard and Extended MIBs
- HTTP server for web-based management
- TFTP

SECURITY

- Wireless user Isolation
- HTTPS for Web Management
- Access Control Table and RADIUS Authentication/Accounting
- Web Portal
- 64-bit WEP & 128-bit RC4 encryption
- VPN pass-through for PPTP and UDP encapsulated IP Sec
- 802.1x, TKIP support
- WPA & WPA PSK
- VPN End Point Feature, ESP/AH, 3DES/DES/MD5/SHA-1
- Closed System
- Password Protected for Web Access

POWER SUPPLY

100/240 VAC high qualities and worldwide safety approval

ENVIRONMENT SPECIFICATIONS

	Temperature	Humidity
Operating	0-50ºC	90% (Non-Condensing)
Storage	-20-75ºC	90% (Non-Condensing)

PHYSICAL

Dimension	258mm (H) *145mm (W) *39mm (D)
Weight	850 gram

INTERFACE

Wired:	10/100 Base-T (LAN)
Wireless:	3G Cellular Network PCMCIA Slot
	WLAN IEEE 802.11b/g
Serial:	D-Sub RS232 Connector

LEDS

4 LEDs	Power
	3G Cellular Network Activity
	Wi-Fi Activity
	Wired Ethernet

WARRANTY

1 year (Factory) – Extended Warranty Available through Top Global

COMMUNICATION
CMS
MANAGEMENT SERVICES

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1-800-ADD-VALUE www.cmstelcom.com