

# Broad Sky Networks

Broadband Everywhere

## WiPipe™ Central

Secure, Manage & Maintain the Edge of the 3G/4G Network

### Managed Services

#### REAL-TIME STATUS & ACCESS

Devices in remote locations, on the outer edge of the network, should be as easy to manage, maintain and secure as those devices inside the corporate firewall. **WiPipe Central** does just that; allows an IT administrator to take control of their CradlePoint devices on 3G/4G and wired networks. CradlePoint devices are monitored from a central server where **WiPipe Central** provides device status, manages firmware versions, and configures either individual or groups of devices in real-time.

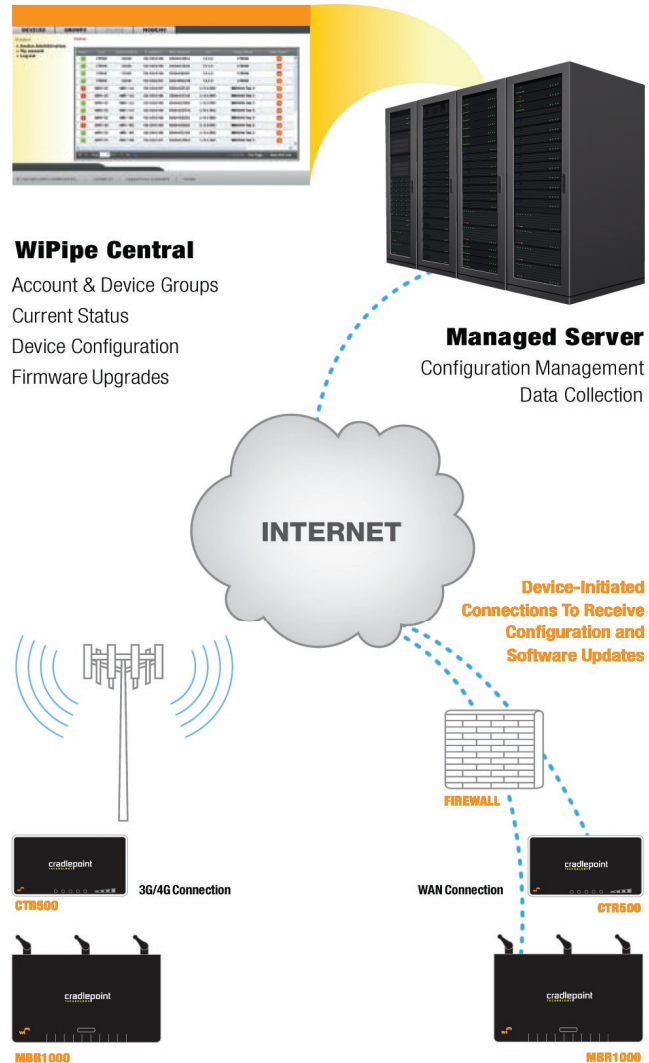
#### MANAGE THE EDGE

**WiPipe Central** can sharply reduce the cost and complexity of managing and securing CradlePoint devices on 3G and 4G networks.

With **WiPipe Central**, management is via the Wide Area Network (WAN) – giving access to the device regardless of location, network configuration or firewalls. WiPipe Central communicates with CradlePoint devices whether connected by 3G/4G mobile broadband or wired Ethernet. If a device is offline during configuration, it is automatically updated once it comes back online.

#### SECURE AND RELIABLE

**WiPipe Central** is built using secure data communications protocols. Each transaction is authenticated between the server and device, which is critical when communicating with mobile broadband modems over the open Internet. This use of secure and encrypted protocols ensures that your transactions are safe from “eavesdrop-ping” and other compromising interventions.



#### WiPipe Central Features

- **Centralized Management of CradlePoint Devices Whether They Reside on Wired or 3G/4G Networks**
- **View and Manage from Most Internet Browsers**
- **Group & Individual Device Configuration**

all:connected  
**BUSINESS**  
SERIES



Broad Sky Networks  
BROADBAND EVERYWHERE

www.BroadSkyNetworks.net

877-291-9575

## Managed Services

<b>FEATURES</b>	Centralized Management of CradlePoint Devices via the internet (WAN)
	WAN Access Over Both 3G/4G and Wired Connections
	Real-Time Device Monitoring & Configuration
	User-Defined Group and Individual Device Configuration
	Firmware Updates To Device or Group of Devices
	Configuration Restoration After Reset
	Allowance for Devices that are Frequently Offline

<b>SPECIFICATIONS</b>	CradlePoint-hosted Internet Application
	Access via most Internet Browsers such as: Firefox v2.0, Internet Explorer v6.0, Safari v1.0
	Secure Enterprise-Class Server at Internet Service Provider Data Center
	Data Center Reliability: Equipment Redundancy, Always-On Power, Multiple Internet Channels, Back-Up/Restore Services
	Light-Weight Management Data Traffic, Optimized for Cellular Primary Connections

<b>SECURITY</b>	Secure Server with Device Authentication using Encryption Protocols
	HTTPS Certificates Between Server & Browser Interface
	Authenticated User Accounts & Passwords
	Devices Easily & Securely Registered To Management Accounts

<b>PURCHASING</b>	Annual subscription based on number of devices under management.
	To request a quotation: email <a href="mailto:sales@BroadSkyNetworks.net">sales@BroadSkyNetworks.net</a> call 1.877.291.9575

## ENTERPRISE POWER

**WiPipe Central** is hosted on powerful, secure server hardware so there's no software to install or servers to maintain. WiPipe Central provides reliable and portable network access from virtually any web-based browser. Configuration settings and firmware maintenance are consistently controlled with groups of devices. Individual devices may also be managed separately when needed.

## LEARN MORE

Contact Broad Sky Networks to learn more about how **WiPipe Central** can help your organization.

## SCREEN SHOTS

Status	Type	Device Name	IP Address	MAC Address	FW	Group Name	View Status
CTRS500	C50-B1	192.168.9.199	003044029915	1.6.3.3	CTRS500		
CTRS500	C50-B2	192.168.9.196	003044029334	1.6.3.3	CTRS500		
CTRS500	C50-B3	192.168.9.198	003044046A6F	1.6.3.3	CTRS500		
CTRS500	C50-B4	192.168.9.197	003044046A7B	1.6.3.3	CTRS500		
MBR1100	MBR-11A1	192.168.0.197	003044037C2F	2.19.0-3651	MBR1100 Tier 2		
MBR1100	MBR-11A2	192.168.0.196	003044031155	2.19.0-3651	MBR1100 Tier 2		
MBR1100	MBR-11A3	192.168.8.196	003044020892	2.19.0-3651	MBR1100 Tier 2		
MBR1100	MBR-11A4	192.168.8.199	003044030706	2.19.0-3651	MBR1100 Tier 2		
MBR1100	MBR-11B1	192.168.0.199	003044020922	2.19.0-3651	MBR1100 Tier 2		
MBR1100	MBR-11B2	192.168.0.198	003044020933	2.19.0-3651	MBR1100 Tier 2		
MBR1100	MBR-11B3	192.168.0.196	003044031049	2.19.0-3651	MBR1100 Tier 2		
MBR1100	MBR-11B4	192.168.0.197	00304403A618	2.19.0-3651	MBR1100 Tier 2		

Individual Device List Screen



Name	# Devices	Firmware Version
CTRS500	4	CTRS500 1.6.3.3
MBR1000 Tier 1	3	MBR1000 1.6.3.4
MBR1100 Tier 2	12	MBR1100 2.19.0-3651
Unassigned	0	Various Various

Group Configuration Screen