



PUSH TO TALK OVER CELLULAR

Push-to-Talk over Cellular (PoC) networks are the next generation in critical communications technology, utilising both public mobile networks and Wi-Fi to provide widespread, reliable, secure broadband communication for mission-critical applications.

SERIOUSLY CONNECTED WITH RADIUS

Radius is Affini's cloud-based wide-area wireless communications solution. Operating on a user-based subscription model, Radius requires minimal capital investment and can be rapidly deployed, whatever the size of your business, wherever your workforce is located, and whenever you need it. The solution provides mission-critical push to talk over cellular (PoC) and much more.

Affini's Radius platform supports mission-critical features such as group calling/ messaging, GPS location services plus much more including data and video, supporting a wide range of extended use cases.

Altogether Better Connected

Radius operates on any 3G/4G/ LTE network with full backward compatibility with existing radio networks via IP and radio gateways. It can maintain coverage in indoor and outdoor environments for continuous communication wherever you need it. Not only does the platform work on ruggedised handheld devices, but it is also available on smartphones for a truly integrated BYOD (bring your own device) experience with end-to-end encrypted security.

Trust the Mission-Critical Expert

Affini looks after mission critical communications for the UK's Critical National Infrastructure (CNI) including the UK's airports, so we are well placed to not only plan, commission and maintain your next generation PoC network - we are also able to ensure continuity as you transition from PMR radio to PoC. Affini's Radius platform offers a full set of mission-critical features including geofencing, lone worker, and emergency calling.



RADIUS IS DESIGNED TO EXCEL IN A NUMBER OF SCENARIOS



Expanding Coverage and Features

For organisations that have outgrown existing PMR radio, or find the radio infrastructure expansion prohibitively expensive and does not provide the in-building or wide area coverage they need.



Wide Area Networking

In locations where critical communications need to reach beyond the boundaries of the site or across multi-sites such as in universities, mining, airports, railway stations, construction and more.



The Power of Applications

With applications such as location tracking, video, job scheduling and more, the power of Radius can deliver improved operational performance as well as cost benefits. Management, front and back office staff are all connected, on devices specific to their function. Management have the information they need, when they need it including access to the radio network via smartphones and tablets.

FEATURES

- Individual and group calling
- Individual and group messaging
- Dynamic grouping
- Priority calling
- Emergency calling
- Video calling and messaging
- GPS real-time location tracking
- Indoor positioning
- Remote control
- Voice recording
- Task management
- Call history search
- Mapping integration
- DMR Radio integration
- AES 256 encrypted voice and messaging
- Carrier independent
- Fully featured dispatcher application

DEVICE OPTIONS



RG725

- Design Award Winner 2019
- Designed for PTT users in mind
- Large PTT button and dialer
- Advanced smart audio tech
- 4 LED super bright torch
- 5000 mAh battery
- MIL-STD-810G and IP68 environment rating



RG655

- 13+8 megapixel camera
- 95dB powerful speaker
- 4200 mAh battery
- Surpasses MIL-STD-810G environment rating



M5

- 4 inch colour touchscreen
- GPS
- Bluetooth
- 1GB RAM
- HD 2 megapixel camera
- 2 watt speaker
- USB and RJ45 interfaces
- Android 7.0 OS
- Dedicated map button
- Emergency button



Accessories

- Compatible with most Bluetooth accessories
- For example -
 - Remote Bluetooth PTT button
 - Bluetooth remote speaker microphone
 - Wired microphone

RADIUS DISPATCH



Individual & Group calling



Remote Listening/Video



History and replay



Guard Tours and Job dispatch



Geofencing



Messaging



Emergency localisation



Video activated in emergency



Emergency Event Journals



CONTACT US



Middlebridge House, Padbury Oaks,
Bath Road, West Drayton UB7 0EW



Sales@affini.co.uk



03300 417 054

www.affini.co.uk

This brochure is subject to change without prior notice. For the most up to date version, please check our website or contact Affini directly. All specifications stated are based on a standard operating environment. Affini Technology Limited does not accept liability for any error or omission in this document.