AIRSYS CLOUD

BBPTT FEATURES AND BENEFITS

BBPTT is coming of age and can now certainty claim to be business critical. Given the various models available for buying a BBPTT solution that fits the needs of your business in terms of functionality, availability, reliability and affordability, it would seem that a BBPTT solution is now worth looking into.

This short piece deliberately steers clear of mentioning all the usual features of instant communications systems and instead focuses on the key differences between conventional radio (LMR) systems and Broadband Push-to-Talk (BBPTT) systems. After all, you can pretty much do the same things on both.

The traditional arguments in favour of LMR systems have been well rehearsed for many years and usually emphasise the private and mission critical nature of LMR deployments.

Coming of Age

In the telephony world, given the obsolescence of infrastructure over time and the ongoing withdrawal of ISDN, the Enterprise PABX is giving way at an ever-increasing rate to a VOIP solution provided on an Opex basis. In the LMR world, if your LMR system is aging and its reliability is now questionable or you cannot get the frequencies you need, you at least have the option of considering a BBPTT system.

(Mission critical BBPTT (MCBBPTT) ecosystems are also now evolving around standards which are becoming more effective. These standards are SIP based and could pave the way to integration with telephony application servers, making ever more powerful communications systems possible.)

BBPTT infrastructure solutions are available from a number of sources, including Airsys. The model for buying your own bespoke infrastructure is the same Capex/Opex model as for LMR systems. However, in addition to this, Airsys.Cloud's Software as a Service (SaaS) approach offers you BBPTT infrastructure that is available, reliable and affordable on an Opex only basis – connectivity providers and the team at Airsys.Cloud do the rest.

For both LMR and BBPTT systems, users still need to buy devices that suit their requirements. BBPTT devices are generally not proprietary to a given system and are made in quantities that make them economically efficient. In addition, by definition, BBPTT as a service will coexist on e.g. an Android device along with other apps, making it possible for the first time for a single device e.g. in the cab of a commercial vehicle to provide:

• Communication
• Messaging
• Task management
• Tracking
• Location-based alerts
• Lone Worker Protection
• Navigation; plus
• …Whatever else you need.

The Features and Benefits of Airsys.Cloud

So, what are the key features and benefits of Airsys.Cloud?

Feature	Benefit	So, what?
Software solution	• Rapid deployment, highly flexible, highly scalable	You can be operational in a matter of hours
Independent vendor	• You are not tied to any incumbent providers of devices (see note 1), connectivity plans or LMR systems (see note 2)	There's no catch
Hosted in Airsys private cloud in ISO27000 accredited UK data centres (see note 3)	• Opex rather than Capex, SLA included	Minimal up-front investment
Secure redundant, professional platform (see note 4)	• High availability, fully maintained solution	Business critical service, always current
Extensive bridging capability (see note 2)	• Build on your current system(s) • Add cellular users • Integrate back office (cellular) staff with field operation (radio) teams. • Get more leverage over your incumbent supplier	Evolution not revolution
Comprehensive dispatch solution	• Manage disparate radio & cellular users from a single terminal	Simplicity itself
Global reach (see note 5)	• Extend the range of your system to anywhere in the world with MNO data coverage (Wi-Fi, 3G, 4G & up). Satellite options are available	Worldwide coverage
Comprehensive, configurable feature set	• Exploit the features you need when you need them • Configurable remotely	You are in charge

1. Any compatible Android or iOS device will support Airsys.Cloud. Simple handheld radio like devices such as the Telo TE300 (screenless), in vehicle mobile devices such as the Telo M5, ruggedized smartphones like the RugGear RG725 are all good contenders depending or your use case.

2. Bridges are available for Motorola, Kenwood, Hytera, Tait, Sepura, DAMM and analogue systems.

3. Cloud is deployed in UK ISO27000 accredited data centres and the service comes with a Data Processing Agreement, Privacy Policy, Security Policy and Acceptable Use Policy.

4. Cloud employs resilient servers in a redundant configuration.

5. Choice of connectivity plan is service affecting. You are free to use your own data plan. If required, Airsys.Cloud can make available EU non-steered data roaming SIMs to provide Europe wide connectivity with a level of resilience with enough data to meet the needs of most use cases.

Conclusion

Airsys.Cloud provides instant, global communication at the push of a button. Whether you're communicating with multiple sites, or organising essential operations from afar, Airsys.Cloud will allow your teams' voices to be heard loud and clear.

Using latest generation mobile infrastructure and advances in server and client technology, Airsys.Cloud helps drive both economic and operational efficiency in your business.

Airsys.Cloud can integrate with your existing radio infrastructure, expanding your coverage from local, to national, or even worldwide.

Wherever your workforce might be, Airsys.Cloud can bring them closer together. You can instantly communicate, manage and protect specific groups, teams or individuals in your workforce, keep track of their location, share important files, and enjoy high-quality video calls. Airsys.Cloud dispatcher allows your whole user base, whether conventional radio or broadband users, to be managed from a single console. Additional teams and users can be added with ease. So, no matter how fast your business grows, Airsys.Cloud can keep pace.

Using advanced features such as:

• Lone Worker
• Task Management
• Indoor Localisation
• Push To Video
• Video Calling
• Geofencing
• Guard Tours; and more.

Airsys.Cloud can help you do more with what you have.

• Airsys.Cloud is a simple cloud-based solution requiring little if any upfront investment.
• The solution operates on a user-based subscription.
• It's quick, easy and efficient.
• Whatever the size of your business.
• Wherever your workforce finds themselves.
• And whenever you need it most.
• You can bring it all together, with Airsys Cloud