**aa radio**
services pty ltd

# PTToC - **P**ress **T**o **T**alk **O**ver **C**ellular

PTToC or Press to Talk Over Cellular is an exciting new technology that offers some of the functionality of a two-way radio incorporated into a mobile device such as a phone, tablet or purpose-built rugged industrial unit. The technology uses the mobile telephone network to provide wide-area coverage across regions, state-wide or national.

As with any technology however, there are some limitations and careful analysis of your communications needs must be undertaken to ensure the right outcome for your business, staff and customers.

## HOW DOES IT WORK?

A PTToC solution operates by using an application on every device that converts voice into data packets and sends them over the IP network to all other devices.

A management system in the cloud allows you to set up your own talk groups, permissions and operational rules with full control over devices in the field. Data usage is very low so running costs are kept to a minimum.

## BENEFITS OF A PTToC SOLUTION

Since the technology uses existing IP networks such as mobile phone and Wi-Fi, many benefits can be enjoyed including:

- Local, regional, state-wide or national coverage without needing to invest in expensive infrastructure
- Low monthly running costs by using a data-only SIM
- Flexible talk groups, individual or group calls
- Ability to use existing mobile phones
- No restriction on operating boundaries, regions or quantities
- Closed user group security
- Operates on both Android or IOS devices

- Built in mapping and location
- Ability to capture/send images and send individual or group messages
- Desktop PC Dispatcher option

## WHAT TYPE OF DEVICES ARE SUPPORTED?

Both IOS and Android are supported in devices such as standard mobile phones and tablets with a data activated SIM.



Purpose built rugged industrial units are usually preferred, as they have a PTT switch on the side for user convenience, a variety of optional accessories and are designed to operate in tough environments.

## INTEGRATION WITH TWO-WAY RADIO

PTToC technology integrates easily with any existing or new two-way radio system and can add a great deal of power, flexibility and operational benefits

For example, remote workers such as sales people, field service technicians, security guards or after hours supervisors can stay in touch with radio system users from any location as long as they have mobile or Wi-Fi network coverage. Work instructions or voice can also be dispatched from any local or remote PC.

At AA Radio we have the technical skills and experience to design a cost effective and reliable communications solution for your business. Talk to our team about how a PTToC solution can work for you.

**EXCELLENCE IN RADIO SYSTEMS SOLUTIONS**