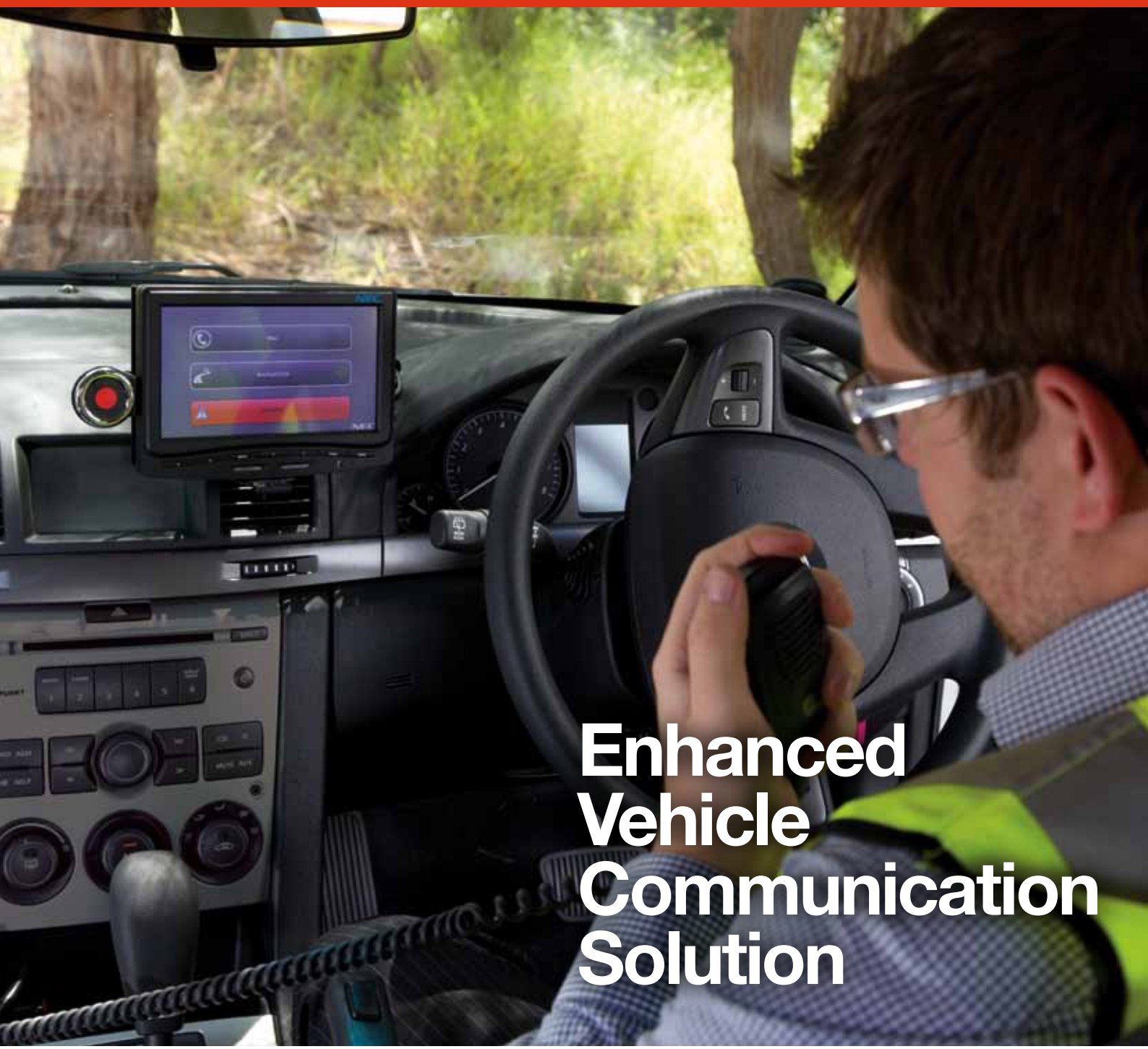
Empowered by Innovation NEC

NEC Mobile Access Controller



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Enhanced Vehicle Communication Solution

Designed specifically for regional vehicle fleets in Australian conditions, the Mobile Access Controller (MAC) is a self-contained, mobile communications platform providing reliable voice and data coverage for remote field based and emergency workers.

Utilising multiple networks such as 3G, UHF/VHF Radio and Satellite, the MAC will intelligently route calls and data to the best available network at the lowest cost, based on defined business rules whether you are in an urban, rural or a remote environment.

Always in Contact

It is more important than ever for fleet operators to be able to provide reliable voice and network coverage to their remote field service staff.

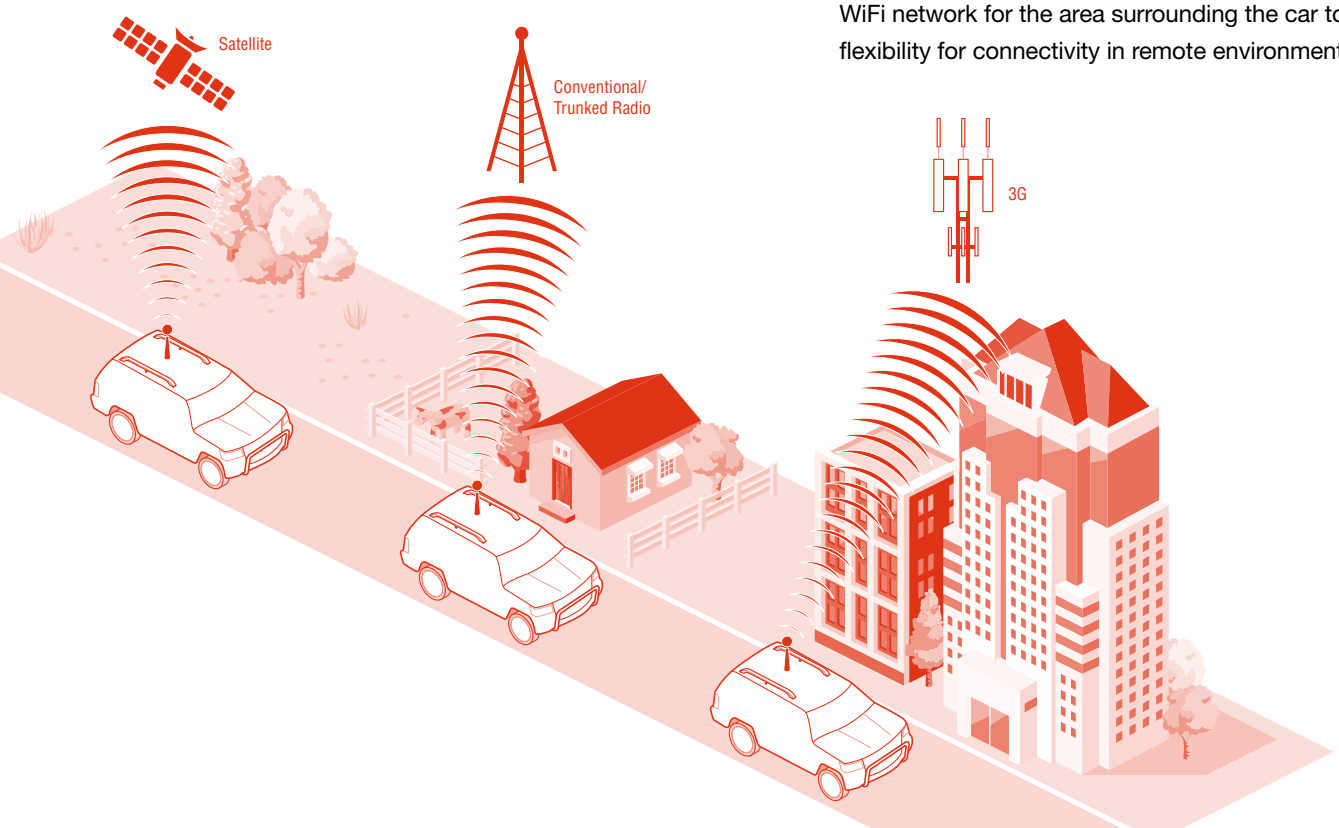
Whether it's for job dispatch and work orders, navigation, access to head office computer networks and knowledge databases or emergency/duress situations for OH&S the need to stay connected and in touch is paramount to enable field staff to work safely and effectively.

The Power of Multiple Networks

Designed and developed in Australia for Australian conditions, the MAC eliminates the problems associated with relying on a single network solution by providing multiple options for voice and data connectivity based on the user's location (urban, rural or remote) and minimising the need for manual user intervention.

Mobility - More Than Just Voice Coverage

In addition to voice communications with either private or public networks, the MAC can be used to deploy data services to vehicles enabling real-time access to business applications or local processing of data. The MAC will also provide a personal WiFi network for the area surrounding the car to allow more flexibility for connectivity in remote environments.



NEC Mobile Access Controller

Enhanced OH&S

Remote field worker safety is critical and the MAC provides a number of features to support OH&S initiatives including:

- Automatic vehicle location & personal navigation via GPS
- Duress and emergency alerting, broadcast on all available networks simultaneously providing identity and location
- Extension of duress, speech and data connectivity via hand-held devices when staff are away from their vehicle

One Platform

The intelligent 7” (17.78cm) touchscreen head unit provides a simple common interface to field staff for:

- Standard vehicle navigation functions using built-in maps
- Web browser access
- Voice control and MAC management functions
- Web based on thin client applications
- Duress button

The MAC solution also includes a management centre software application (that can be integrated into existing backend systems) providing central control, configuration and reporting functionality for a fleet of terminal units deployed in vehicles.

Customisable

Whilst the core functionality of the MAC consists of multiple network connectivity options for voice and data, the system can be extended and customised to suit a variety of business and environmental needs and applications.

With accessories including antennas, ruggedized keyboards, printers etc, the MAC can provide a total field based workforce solution, uniquely suited to Australian conditions.

For more information, visit www.nec.com.au, email contactus@nec.com.au or call 131 632

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MAC Brochure | v.24.01.2012

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