

# TUI IP Radio Interface

The TUI IP Radio Interface allows any DIN sized mobile radio, to be integrated to provide connection between remote radio systems, and IP connected clients devices.

Providing the core data connections and encrypted data services, the radio traffic can be securely passed over multiple unclassified bearer networks including 3G, satellite, hotel internet and fixed Ethernet services.

The solution is kept simple using predominantly commercial-off-the-shelf technologies which keep the training and support requirements low.

## SECURE COMMUNICATIONS

Provides a deployable and secure IP communications platform capable of accreditation to Common Criteria or Protection Profiles standards.

## MULTIPLE NETWORKS

Can be configured to provide multiple secure bearer or services networks to users in deployed scenarios.

## REMOTE RADIOS

Connect remote radio systems through an encrypted internet link from anywhere in the world.

## WAVE™ INTERCONNECT

Seamlessly connect the WAVE Communicator software to any radio system on an ad-hoc or permanent



**ignition**  
networks

PO Box 434  
Kumeu  
Auckland 0891  
New Zealand

+64 9 973 5304  
[contact@ignition.net.nz](mailto:contact@ignition.net.nz)  
[ignition.net.nz](http://ignition.net.nz)

# Features

## External DC Only

Designed to operate of an unregulated external 13.8v DC battery. Universal Power Supply is optional.

## Common Criteria or Protection Profiles

Includes security and encryption technology that meets government requirements for protected networks

## Multiple Bearers

Select between 3G/4G, Satellite or Ethernet based bearer networks. Supports connection to authenticated Hotel Internet services. OPTIONAL: WiFi bearer

## Integrated WAVE Media Server

The solution can optionally include a WAVE Media server to provide seamless connection to an IP console environment.

# Specifications

Size	46.2 x 34 x 17 cm
Weight	12kg
Power Supply	12v DC
Power Consumption	<100watts when transmitting
Operating Temperature	-10°C—60°C

# Details

## Fully Customisable Solution

The TUI can be customised to cater to very specific deployment scenarios including the integration of specialised customer equipment. This can then provide an easy to use, 'single box' communications solution that meets even the most complex requirements.

## System Capabilities

- Security provided by accredited devices to EAL4+ or PP compliance levels.
- Integrated into a Pelican Storm case.
- Vocality Integrated RoIP devices for connection of internal and external radios.
- Allows authentication of internet providers (such as hotels) prior to establishment of VPN tunnels.
- Provides multiple virtual security domains for network separation.
- Can be fully customised to meet individual organization requirements.

OPTIONAL:

- WAVE Media server
- WiFi Bearer or Client networks

Motorola Astro P25, MotoTrbo and Dimetra radios are supported, along with radios from other vendors including Tait, Kenwood and Icom.



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