



## I/O Enabled Ethernet Crescendo

STI Engineering has released a new model in the popular Crescendo series of data radios - *the I/O enabled Crescendo*.

Both the VHF and UHF versions now come with an option of four integrated I/Os, configurable as 4 x digital, 2 x relay or 1 x relay + 2 x digital

The Crescendo series has a proven track record with thousands of installations in utilities, above- and below-ground mining, military and transportation industries where reliable long-distance data transfer is critical.

The I/O version is ideal for applications such as remote tank monitoring and pump switching; remote power distribution control; security & alarm system and many more.

The integrated I/O functionality offers three modes of operation:

- **Mirror Remote Mode**

In Mirror Remote mode the slave radio(s) mirrors the state of the I/Os of the master radio.

The mirror mode is ideal for point-to-point or point-to-multipoint networks where the I/Os of the slaves do not have to be controlled individually for each slave in the system.

- **Get/Set Mode**

The Get/Set mode allows you to control all states of each individual I/O per slave radio through AT commands.

This mode offers ultimate flexibility, however requires a more complex initial setup compared to the mirror remote mode.

- **Channel Control**

In channel control mode, the I/Os can be used to switch the operating channel/frequency of the master radio.

The direction and mode of the I/Os can be controlled and configured via STI Engineering's Cruise Control software.

The Crescendo radios are proudly designed, manufactured and supported by STI Engineering in Perth, Western Australia.

### STI Engineering

STI Engineering Pty Ltd

ABN 97 065 523 579

22 Boulder Road Malaga 6090  
Western Australia

Telephone: +61 8 9209 0900

Facsimile: +61 8 9248 2833

Email: [sales@stiengineering.com.au](mailto:sales@stiengineering.com.au)

Web: [www.stiengineering.com.au](http://www.stiengineering.com.au)

