SERVICE BULLETIN EDGE-003

Product: DSPbR EDGE Rebroadcast Repeater

Subject: Firmware 2.0.3 Release   **Date: 23rd March 2022**

Description

This Service Bulletin announces the release of baseline 2.0.3 firmware for the DSPbR EDGE Rebroadcast Repeater series products.

Product Enhancements

This version 2.0.3 firmware provides several enhancements and addresses some reported issues in earlier versions of firmware.   Changes introduced in version 2.0.3 include;

i)   The Trunking Extender (TRex) option now supports decoding Explicit control channel messaging.

ii)   TRex can also now configure control and traffic channels independently in either Implicit or Explicit mode.

iii)   An extra indicator has been added in the GUI to show if TRex is decoding the donor site's primary or secondary control channel.

iv)   TRex now decodes Explicit adjacent site messaging from a control channel from an Implicit donor site, and the GUI allows configuration of Explicit adjacent sites.

v)   TRex supports automatically following the change from a primary to a secondary donor control channel, but remains using its own primary control channel frequency.

vi)   An issue in the previous firmware version where TRex was advertising incorrect channel information when the donor site was using its secondary control channel is resolved.

vii)   TRex now monitors the adjacent site list advertised by the donor site and if the control channel frequency of the spoofed site changes to the secondary frequency (primary control channel fails on the spoofed site), TRex automatically switches to the secondary control channel frequency on the extender side.

The changes introduced in firmware version 2.0.3 provide significant new functionality to the Trunking Extender (TRex) option's functionality and capability.

Note: RFI recommends DSPbR EDGE units in the field utilising the TRex option should be upgrade to firmware version 2.0.3.

Upgrading to Firmware 2.0.3

Note: Please read all Service Bulletins published from the release of the firmware currently operating in your DSPbR EDGE prior to commencing an upgrade to this version 2.0.3 firmware.

Please refer to the Service Bulletin EDGE-UPDATE for detailed instructions on the firmware upgrading process – including the upgrade process required for this version 2.0.3.

Cost Impact

Firmware version 2.0.3 is available to RFI customers at no charge.

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