

# SDRAPP-IAS

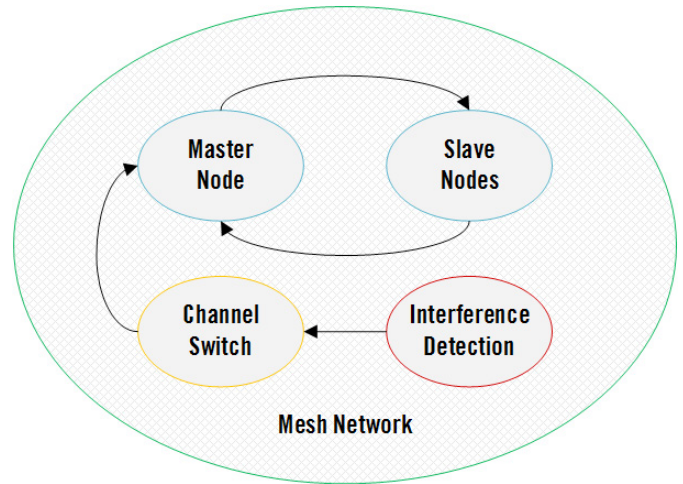
## SDR Application Interference Avoidance Scheme

### Overview:

SDR applications can be used in combination with SOL8SDR products to add functionality.

SDR Interference Avoidance Scheme application can be used in conjunction with SDRAPP-MESH to ensure the Mesh network switches frequency automatically when channel interference is experienced.

Up to eight preset channels can be configured to control the frequency hop of all nodes in the Mesh network. The presets can be setup directly by the master node or via DTC's Mission Commander software control application (in development).



### Features and Benefits:

- Self-forming, self-healing Mesh architecture
- Automatically avoids adjacent channel interference
- Up to eight preset channels
- Mission Commander compatible

### Technical Specification:

#### Interference Avoidance

Presets	Up to eight channels (frequency dependent)
Node configuration	Master/slave
Switch threshold	Up to 30dB configurable

#### Software License Code

Silver (included)	IAS
-------------------	-----

### Product Information:

#### Product Includes

SDRAPP-IAS	Software license only
------------	-----------------------

#### Accessory Options (sold separately)

SDRAPP-MESH*	SDR Mesh application (used in conjunction)
MCS*	Mission Commander Strategic client/server software
MISCRTAC*	Mission Commander Tactical single interface software

\* See separate datasheet

#### Related Documents

100219	NETNode Phase 5 and SDR Mesh Software Guide
--------	---

Export of encrypted products is subject to regulatory export controls.

For further information contact your Sales Account Manager, one of our Regional Sales Offices, or email [solent.enquiries@domotactical.com](mailto:solent.enquiries@domotactical.com)

**DTC – Herndon (Headquarters)**  
2303 Dulles Station Boulevard  
Suite 205  
Herndon, VA  
20171, USA

**DTC – Tampa**  
3845 Gateway Centre Boulevard  
Suite 360  
Pinellas Park, FL  
33782, USA

**DTC – Solent**  
Fusion 2, 1100 Parkway  
Solent Business Park  
Whiteley, Hampshire  
PO15 7AB, UK

**DTC – Randers**  
Haraldsvej 64B  
DK-8960  
Randers SØ  
Denmark

**DTC – Singapore**  
21 Media Circle  
Infinite Studios #05-06  
Singapore  
138562

T: +1 800 665 4648

T: +1 727 471 6900

T: +44 1489 566 750

T: +45 8791 8100

T: +65 6339 0508