

Network Configuration

Network settings are configured from the menu "**Configuration -> IP Settings**"

This menu has 2 types of interfaces:

- Signaling Interfaces
- Media Interfaces

Signaling Interface

Signaling interfaces are used to carry SIP Signalling traffic.

- Primary Signaling Interface (Port 0)
- Secondary Signaling Interface (Port 1)

You must understand the IP data network scenario you are trying to setup.

Scenario	Network Config
SBC straddle two networks	eth0 should have external IP address eth1 should have a local IP address
SBC behind a firewall	eth0 should have local IP address eth1 will not be used

Media Interfaces

Media Interfaces are used to carry RTP traffic.

The Media/RTP IP addresses can be the same as SIP IP address.

Media interfaces are special DSP's (Digital Signal Processor) which are accessible through any Ethernet network any of the signaling interfaces is attached to. These media interfaces are sometimes embedded within a Sangoma PCI card (ie D500, D100 devices) and sometimes are completely stand-alone processors that are just attached to the same network (D150).

Sangoma SBC support two Media modes: **Hidden** and **Exposed**

The recommended mode to use is **Hidden**

- Hidden mode provides a single Media/RTP address to remote network.
- Exposed mode **Exposes** DSP Media IP address to remote network.

Exposed mode is more efficient but uses more IP addresses.

Network Configuration Subtopics

- [Singaling Interfaces](#)
- [Media Interfaces](#)
- [IP Troubleshooting](#)