Digital RF

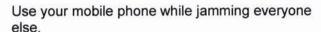## Chameleon Mobile Phone use while Jamming

Use your mobile phone while jamming everyone else.

Using the long experience of designing and manufacturing jamming systems for VIP's and Dignitaries Digital RF has developed 'Chameleon' a Digital Phone System which can be used while jamming.

Designated users can use their own mobile phone to call each other and make and receive external calls while preventing all other people in the coverage area of the jammer.

Easy to operate Chameleon can be used in fixed environments such as Buildings, Convention Centers or Hotel, or be used on the move where 'on-the-move' services are provided or available.

The operation of Chameleon utilises three components within the system; a Digital RF Digital Private Network (DPN), a Blackshadow fully programmable jammer module / system, and the Digital RF Network Monitor.

Each of the three systems are combined under the Chameleon system to enable special security forces to deploy a mobile phone service for the team and VIP to use for internal communications and making or receiving external calls.

Features

VIPs and Security Forces use their own Mobiles for open communications while jamming.
All none authorised users are fully block.
Static deployment and On-The Move (OTM) options.
Location, National or International calls.
Built in AC Power Supplies for continuous use.
Easy to use GUI.
Full training and Turn-key solution.
System suitable for air transportation.

Example of a Digital RF Blackshadow Close Protection Integrated System

Description.

While the aim for protection is to jam and prevent the use of mobile phones it is always difficult for the VIP and protection team who often needs to keep in contact. Digital RF are pleased to provide a protection system which will enable the VIP, and designated staff, the ability to use their phones during an operation.

The key features of the system are:

- **Digital RF Blackshadow Jammer System**: This portable / fixed jammer can be configured to cover multiple bands. It is used by close protection staff to block mobile phones which may be used for communications or the detonation of RCIEDs. A feature of the Blackshadow Jammer systems is the fully programmable software control. Digital RF have developed Chameleon which utilizes this software configurable feature, the Digital RF Network Monitor and Digital Private Network so only those allowed can make and receive calls from within the jammed area.

- **Network Monitor**: This is a Digital RF system which analyses the mobile phone network either in a vehicle or on foot. During the analysis details of all Base Stations are recorded with an accurate record of the locations via GPS (when available). A survey of a location or route provides a database of the local mobile phone network. This database is analyzed and used to configure the Jammer and Digital Private Network.

- **Digital Private Network**: A portable dedicated Digital RF Private Network (DPN) is positioned in a vehicle or an office near the area of operation. The Network has a back haul facility to the Digital RF PBX to provide connection to external calls. Digital RF have developed a special interface between the Blackshadow Jammers, Digital Private Network and the Network Monitor to coordinate the operation of the jammer and mobile private network to enable authorized users to access the public network using their normal GSM phone and make and receive calls.

- Please contact us for a full technical proposal.