

Digital RF

COMPANY PROFILE DIGITAL RF LIMITED

Introduction.

Digital RF offers complete counter terrorist and surveillance systems, bespoke to a client's need including the latest technology, training and field support.

Its staff and supporting engineers have worked together for some 40 years in designing RF systems.

Digital RF is a UK Company which Designs and Manufactures all its own products in the UK including; Software, Digital FPGA processing, Modulation and Frequency converters, Power Amplifiers, Detectors, Antennas and more. Maintaining full control of design and manufacture enables Digital RF to fully support its customers for the entire product range.

The Company.

Digital RF was established in 2003 to design and build Jammers to supply into the security market with the growing use of IEDs.

The company has continued to grow supplying into conflict areas such as Iraq and Pakistan as well as many other countries.

Digital RF maintain a policy of keeping all key design skills within the company. The company staff and supporting staff comprise of RF design engineers, software engineers, mechanical designer, system engineers, project manager, test and assembly staff. Digital RF maintain Systems complaint to ISO9001



The Products.

Wide-band Jammers:

Blackshadow.

In the Company's support of counter terrorist systems it manufactures a range of high power HF, VHF, UHF and Microwave jammers which have been designed by the company for the protection of vehicles, VIPs, buildings and foot patrollers against radio controlled land mines or bombs. Blackshadow jams GSM/3G/WiFi/Wimax mobile telephone/systems and communications systems from 20Mhz to 9000Mhz and above. This equipment deploys the latest technology and software as described in the Blackshadow system brochure.

There are currently over 100+ Black Shadow Jammers sold into Military, NATO and Civil Defence organisation over the world.

GSM Detect, Block and Counter Measures.

In today's society having tools to detect, jam and monitor Mobile phone communications are essential in the prevention of terrorism. Digital RF have developed a range of products to equip security personnel with the latest technology in Mobile phone counter measures.

Cell-block.

Digital RF's jamming technology has been deployed in secure locations such as Prisons to detect, jam and monitor mobile phone activity under the name Cell-block. Utilising the Blackshadow technology a comprehensive system of jamming, frequency monitoring, ethernet control, detector activity logging and GSM network status is provided to the user.

Network Guard.

Digital RF's Cell-Monitor provides rapid notification of any rogue Base Telephone Station attempting to covertly listen to mobile phones. Cell-Monitor is the essential tool to independently monitor the Base Telephone Station activity around sensitive buildings / offices. By continuously scanning all available networks rogue BTS activity can be seen instantly and the position of the rogue BTS source located on a map.

Cell-Interception.

Taking both RF and Digital technology to the next level Digital RF have developed an IMSI / IMEI grabber to locate and identify target phones and enable access.



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GSM Tracking Devices.

Reporter

Digital RF has developed a range of small battery powered Modules that use the latest GSM and GPS technology to provide equipment or personnel status information and location tracking.

Smaller than a mobile phone the Reporter can be placed discretely on a person, in a bag or in a vehicle. The Reporter will give its position and acquired equipment or personnel data on a timed basis or when requested from a Control Centre. The precise location is calculated from the GSM cellular network or GPS co-ordinates if available. Using highly integrated efficient Controllers, the Reporter can operate for many months on a single charge of the battery.

Other activities:

Microwave Links.

The company is also active in promoting the use of fixed and mobile COFDM digital radio transmission systems for transmission of video from inside to outside a building or from a street threat to a mobile control centre. These systems offer significant advantages over FM transmissions for covert surveillance or protection of foot patrols.

Blackshadow Jammer References

Due to the confidential nature of the systems supplied by Digital RF it is not possible to be specific about all projects however the following is a list of some countries in which jammers have been deployed and some applications.

UK - Government
FRANCE - POLICE
IRAQ - POLICE
KENYA - UN
IRELAND - Police
PAKISTAN - MOI / MOJ
SUDAN - UN
THAILAND - RTAF and Police
BANGLADESH - MOI
EGYPT - MOI
CHILE - MOJ
NIGERIA - Government
VENEZUELA - MOJ
LIBYA - MOI
INDONESIA - MOI
MEXICO - Government
DUBAI - Police
and more.....

