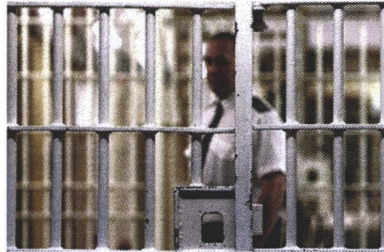# Phone-Finder

Detect * Disrupt * Deny

8,757 illegal mobile phones and SIM cards were discovered hidden inside prisons in England and Scotland during 2011. We have no way of knowing how many remained undiscovered and in regular use. The statistics for 2012 have yet to be compiled, but there is no evidence to suggest that the serious problem of prisoners gaining access to mobile phones is diminishing.

Despite newly enacted laws, and the best efforts of the prison authorities, convicted criminals continue to use illegal mobile phones, which are regularly smuggled into British prisons. Criminals are using these phones to intimidate witnesses, control the supply of drugs, both inside and out of prisons, and to conduct the violent business of serious and organised crime. Illegal phones can also be used to plan terrorist activities and escapes from lawful custody.

The problem has reached such proportions that a Private Member's Bill, by Sir Paul Beresford MP, which aims to tackle the issue, has already had its formal second reading and enjoys strong government and cross-party support. The Bill, *The Prisons (Interference with Wireless Telegraphy) Bill. (Bill 15 of 2012-2013)*, proposes that authorisation be given to prison Governors to use radio frequency jamming equipment, to render illegal mobile phones inside Britain's prisons unserviceable.

Instant location plotting of all discovered devices, coupled with the capture of the phone's unique identifying data, give prison authorities or the police the choice of making immediate searches and seizures, or conducting longer term, intelligence led enquiries.

DNA-Tracker will also find and locate laptops, iPads and other devices utilising Wi-Fi or Bluetooth protocols, instantly displaying their positions, MAC addresses and other unique data, live on the control room screen.

DNA Overview

(View of the 'captured device screen', during the live demonstrations at the Farnborough International Airshow, July 2012)

DNA-Tracker's Phone-Finder technology provides the complete solution to illegal phone possession in British prisons. Robust and cost-effective, without the 'side-effects' of other counter-measures, it offers the additional advantage of providing viable lines of enquiry, should they be required.

DNA-Tracker Phone-Finder

Detect * Disrupt * Deny

www.dna-tracker.com

Whilst the Bill is clearly a huge step forward, the use of 'Radio Jamming Technology' is not without its problems. Indeed a government report readily acknowledges that it is *"not a quick, simple or cheap solution".* In addition to cost, RF Jammers can adversely affect other communication networks inside a prison and have a negative impact on legitimately held mobile phones both within and beyond the prison perimeter. A further drawback is that RF jamming technology can not locate and track a phone's position, its user, or provide viable lines of enquiry by means of captured data. So what is the answer?

DNA-Tracker's Phone-Finder is a brand new bespoke solution, created specifically for the UK Prison Service. This British company launched its innovative mobile device tracking system at the Farnborough International Airshow in 2012. (www.dna-tracker.com) Very recent technological advances have now allowed the DNA-Tracker development team to produce a robust and cost-effective counter-measure, to combat the criminal possession of mobile phones inside UK prisons.
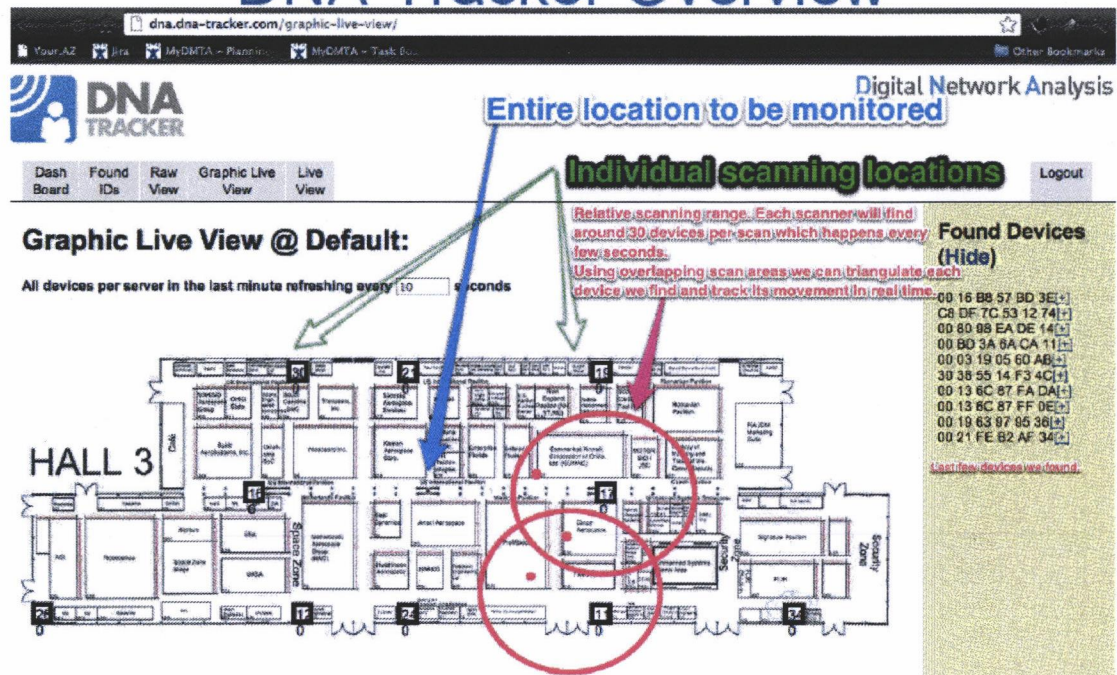

The true power of a **DNA-Tracker** monitoring network lies in its ability to capture and process data in *'real-time'*. This will empower prison authorities to instantly **detect** and locate illegal devices, **disrupt** criminal activity and businesses and **deny** convicted criminals the use of wireless telephony inside the walls of British prisons.

The DNA-Tracker system 'GEO-fences' the target area with strategically located tracker units. The target area is digitally mapped and displayed on a control room screen. A second screen displays, in 'real-time', the data of all mobile devices as they are captured. (IMEI/IMSI, MAC addresses etc.) The tracker units constantly 'sweep' the monitored area searching for devices. The system will triangulate and fix the position of any captured phone as soon as the system finds it and display that location on the control room map. A moving device can also be tracked in real time and its position revealed.

- *The DNA-Tracker system also has the capability to 'jam' phone signals, including the option to selectively jam individually 'targeted' handsets.*

DNA-Tracker Overview

(View of the digital map screen of the Aviation Security Hall at the Farnborough International Airshow. The MAC addresses of the found devices can be seen to the right. The live demonstrations took place in July 2012)