

James Bond Mobile Phone - Secure & Encrypted

Submitted by: Nevada PR

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Introducing the Enigma E2:

The world's most secure mobile phone!

As security ramps up for the London Olympics, keep your business secure, and your personal life private, with a mobile that's spy-proof and stylish.

Security will be paramount this summer, as dignitaries and corporate sponsors hit London for the Olympics. But one important detail is often overlooked – how easily criminals, cyber-terrorists and foreign agencies can listen in on mobile phone calls. The new Tripleton Enigma E2 mobile phone lets you make calls that no-one in the world can spy on.

It's the stuff of James Bond storylines... Ordinary GSM calls are easily intercepted by a "man in the middle" attack, where a gadget pretends to be a nearby base station. The basic encryption used for GSM can be cracked by portable gadgets that fit in a briefcase and can cost as little as £1,000. And mobile phone networks may not encrypt at all at busy times, making life easier for the cyber spy. GSM calls can also be compromised from within the mobile phone network. For example, in the run-up to the 2004 Olympics in Athens, more than 100 politicians' and civil servants' mobile phones were tapped illegally via the network by an unknown foreign agency. Their calls were monitored for nearly a year before it was uncovered.

In comparison, "crypto" calls on the Enigma E2 are 100% secure. They are safe from "man in the middle" attacks, and in-network attacks like the Athens case, because security is fully independent of the network. The phone does this by using a unique second SIM card containing highly secure keys, unique codes that a pair of Enigma phones use to authenticate each other and set up a highly encrypted call. The authentication and encryption are virtually impossible to break – many security specialists have tried but none have succeeded – so no-one can listen in.

To make a secure call on the Enigma E2, simply press the "crypto" button to call another Enigma phone. It takes 7 seconds or less to set up the call, after which there's no perceptible delay. In fact voice quality is superb. And the E2 is slim and stylish enough to satisfy even the most debonair spy or gadget lover.

The Enigma E2 can also be used to make unencrypted GSM calls to ordinary mobiles. It has GPRS internet access and Bluetooth hands-free, but both of these are kept separate from the "crypto" side of the phone for security reasons.

This world-class security makes Enigma E2 smarter than a smartphone. And with software upgrades coming soon to offer encrypted text and picture messaging, it's getting smarter all the time.

The Enigma E2 is ideal for security services and corporate clients, but also high net worth individuals who wish to protect valuable business information and keep their personal lives private.

“In the last ten years, entire governments have been subjected to illegal mobile interception, and our clients advise us that corporate mergers have been hijacked and information illegally gained, thanks to GSM attacks,” says David Wolper, Commercial Director of IntSec Limited. “A surprising amount of important information is exchanged over the phone. With the Tripleton Enigma E2, secure calls are as easy as ordinary mobile calls, keeping your personal life and business dealings safe from cyber spies.”

Pricing, availability and stockists:

The Tripleton Enigma E2 costs £1320 and is available from IntSec Ltd.

Contacts for publication: 020 8288 3646 www.tripleton.com (<http://www.tripleton.com>)

Did you know:

- The “IMSI catcher” gadget used in a “man in the middle” attack can cost as little as £1,000 and fits in a briefcase.
- When GSM networks get busy, mobile operators can stop encrypting calls, making calls even easier to listen in on.
- No-one is safe from GSM’s insecurity. Victims of the 2004-2005 Greek wiretapping case, known as “Greek Watergate”, included the Prime Minister of Greece, Mayor of Athens and a US embassy employee.
- The Enigma E2’s authentication and encryption process work by exchanging extremely long numbers that can’t be predicted. There are 10⁷⁷ (10 to the power of 77) possible key combinations.

Features and specs:

- 1024bit RSA encryption for key exchange and 256bit AES encryption for voice, with random number generator for exceptionally high security
- GSM tri-band 900/1800/1900 MHz
- GPRS internet access for web and email
- Bluetooth handsfree (for non-crypto calls only)
- Micro SD card storage up to 8GB (2GB supplied)
- 3.0 megapixel camera
- MP3 ringtones and music
- FM radio
- Apps including calendar, world clock, calculator
- USB charging and mass storage
- SMS text messaging – encrypted messaging coming soon
- MMS picture messaging – encrypted messaging coming soon
- Dimensions (HxWxD): 116x50x15mm
- Weight: 95g
- 2.4” colour display, 240x320 pixels 256k colours
- Standby time: 180 hours (dependent on network conditions)
- Talk time: 4 hours (dependent on network conditions)
- Compatible with the original Tripleton Enigma phone

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For further information/images please contact:

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Photography available on request, as is a limited stock of loan samples. (Note that encrypted calls can only be made to another Enigma phone, so a pair of phones is required.)
IntSec Limited's commercial director David Wolper is available for interviews.

About Tripleton and IntSec

Tripleton is a global brand created by IntSec Limited, international security specialists headquartered in Croydon, England.

In the late 1990s, German Chancellor Gerhard Schröder asked Deutsche Telecom to develop a way to encrypt GSM, after discovering his mobile calls had been intercepted on a visit to the US. They developed the Enigma system and approached IntSec to manufacture the handsets for it. IntSec continues to have an exclusive agreement to make secure mobiles using Deutsche Telecom's world-class encryption, under the Tripleton brand.

IntSec has stayed at the forefront of secure and wireless communication for over a decade, thanks to its constant innovation of groundbreaking technology and long-term partnerships. Its products move with customers' needs and attract an extended client base ranging from governments to corporations to individuals. For more information, please visit www.tripleton.com (<http://www.tripleton.com>)