Security Review

Mobile Data

There has been no let-up in the area of data protection. In 2010 there were record numbers of data loss disclosures. For the worst cases the maximum fine has been increased to £500,000 and much more in the USA. On top of this there is the cost of rectification with credit and identity protection as well as the loss of reputation and public confidence.

We are all used to standard USB memory sticks with encryption. However a product with integrated GPS, GSM and an internal rechargeable battery is indeed revolutionary.

Security Guardian from ExactTrak has been around for about a year. The latest release of the product incorporates features that catapult the product to the top of the mobile data security product list.

Security Guardian is a USB memory sick and up to 32GB of memory with built-in GPS and GSM module, allowing it to communicate with a central management console to report location and status at user defined intervals.

In operation Security Guardian behaves and operates just like any ordinary USB memory stick. Behind the scenes the management console provides a suite of information that enables management to ensure that their mobile data is secure and fully compliant with the world's most demanding data protection legislation

What sets Security Guardian apart is the ability to remotely turn ON and OFF the user memory by sending coded commands either from the management console or by secure SMS text message from an authorised number. When not connected to a laptop the internal battery provides a 48 hour window in which the suspected lost data can be remotely disabled and the location determined via the internal GPS module. Even after this time the data is still deleted.

The GPS module provides very acceptable location information, even within some buildings and other challenging environments. The location is sent back to the management platform via the GSM module along with date, time and memory status information. When a GPS position cannot be obtain, the unit switches to mobile mast triangulation. All this is recorded in the verifiable audit trail which will satisfy any Information commissioner investigation.

For international travel into countries such as China, Saudi Arabia and UAE, where entering the country with encrypted data is illegal, Security Guardian overcomes this problem by its ability to have the user memory turned off until required.

ExactTrak, the manufacturers of Security Guardian have attracted some top flight partners. Security Guardian has been tested with the complete range of UK and US government certified encryption products from Becrypt (www.becrypt.com). This covers encryption covering IL3 – IL6 (Top Secret), Trusted Client as well as USB port management and device locking software

The management console is in the process of being branded by a global PC and infrastructure manufacture and will be securely hosted on their Cloud platform. For customers who wish to retain complete control of the mobile data management, ExactTrak offer an enterprise solution that can be installed behind the corporate firewall.

In conjunction with these partners, ExactTrak has some exciting developments in progress. These include remote password change, encryption key management, remote data back-up. For ultra-secure situations the memory module can be remotely physically destroyed in true Mission Impossible style.

Considering mandatory disclosure and personal fines are all part of the updated European legislation, Security Guardian more than meets the challenge. With its patented technologies , remote data kill, verifiable audit trail and GPS positioning Security Guardian deserves the title "The Fort Knox of mobile data security" and should be high on any data security projects.

Security Guardian (www.securityguardian.uk.com)