

ASX ANNOUNCEMENT

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“KeyTag”, the Next-Generation RFID Technology Provides Data Security for Internet-Based RFID Systems

The board of MIKOH Corporation Limited (ASX: MIK) is pleased to announce the company has filed a new provisional patent for the development of the next-generation RFID (**Radio Frequency Identification**) technology to provide data security for future internet-based RFID systems.

“**KeyTag**” is the name of this new UHF (**Ultra High Frequency**) RFID tag that will incorporate cryptographic technology – including PKI (**Public Key Infrastructure**) – to provide for RFID the same level of data security as is presently used to secure internet commerce.

Passive UHF RFID systems currently offer little or no data security. In addition to eavesdropping, they are vulnerable to a variety of security attacks through methods such as spoofing or tag cloning.

Increasingly in the future, these RFID systems will migrate to the internet, at which time they will become far more vulnerable to cyber-attacks. Data security will therefore become an essential requirement of any RFID application. MIKOH’s KeyTag technology provides end-to-end security to protect against cyber-attacks.

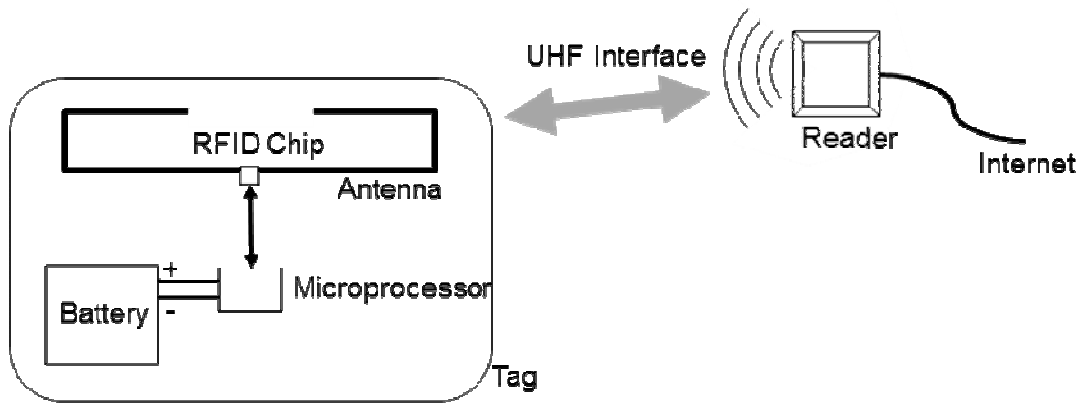
The KeyTag technology is not aimed at a specific application. Instead it is intended as an enabling technology (**Platform**) for all future internet-based RFID systems.

The development of KeyTag also constitutes the core technology around which MIKOH plans to develop a wireless version of its CertainID biometric authentication technology for use in applications such as access control.

It is expected that KeyTags will also offer increased data storage and greater on-board data processing power, allowing the inclusion of sensors to monitor the tag’s environment and enabling use of tags to control other devices by means of instructions sent wirelessly via the RFID network.

KeyTags will connect to the internet via RFID readers and will communicate with internet servers equipped with equivalent encryption technology. Users will securely log on to an RFID server (via the internet) to download KeyTag data or upload new programming instructions for their systems.

The basic design features of a KeyTag are shown schematically below. The antenna and RFID chip provide a wireless UHF interface to the internet, via an RFID reader. The on-board microprocessor provides cryptographic capabilities, data storage and data processing.



Development of the KeyTag technology will be undertaken in the United States with the first prototype tags and demonstration system expected during Q2, 2012.

MIKOH plans to make the KeyTag technology available at the system level under a licensing or usage-based model, rather than the current product sales model, thereby generating recurring revenue streams.

Richard Sealy
Managing Director