

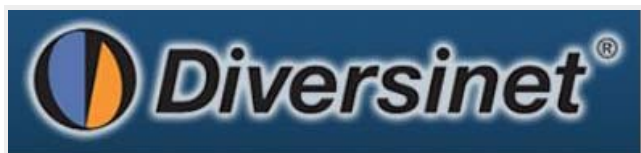


Diversinet patents to overcome security and fragmentation challenges

BY MARK - APRIL 14, 2010

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Toronto based [Diversinet](#) have been issued two new patents which will help wireless carriers, device vendors and other members of the mobile ecosystem to overcome the challenges that fragmentation and security pose the industry. Diversinet has integrated these patented solutions into their [MobiSecure](#) products and also offers them independently for intellectual property licensing.



The first of these patents ([US Patent No. 7,680,755](#)) covers the automatic detection and classification of a mobile device. This helps resolve the problems which can occur when carrier or aggregator operated mobile app

stores support a number of mobile OSes and platforms such as [Android](#) and [J2ME](#). A problem facing developers is that mobile apps built for one OS will need to be rebuilt in part for use on another OS. This solution goes some way to overcoming this. Diversinet's technology means that a device is identified on registration with an app store and the user automatically provided with the correct version of an app.

The second new patent ([Canadian Patent No. 2,365,411](#)) improves the security for mobile digital communications like those used in maintaining patient health records. It helps licensees ensure compliance with industry best practices and the security requirements found in laws such as the Personal Health Information Protection Act in Canada and the Health Insurance Portability and Accountability Act in the US. The solution works by using pseudonymic digital identifiers, strings of numbers which act as aliases for usernames. This method is used for individuals and servers, enabling more secure communications and transactions than when real identities are used. The compact identifiers make it ideal for bandwidth constrained situations and for devices with limited storage such as feature phones.

TAGS: [Android](#), [Blackberry OS](#), [Diversinet](#), [iPhone OS](#), [J2ME](#), [Mobile Apps](#), [Mobile OS](#), [MobiSecure](#), [Symbian](#), [WebOS](#)

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