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## TMCnews Featured Article

April 19, 2010

# Diversinet Patents Help Wireless Operators Solve Security, Fragmentation Problems

By [Calvin Azuri](#), TMCnet Contributor



Two new patents issued to Diversinet Corp. [provide wireless carriers](#), device vendors and other members of the mobile ecosystem advanced methods for resolving two of the industry's biggest problems: security and fragmentation.



- Diversinet has integrated these patented solutions into its MobiSecure products and offers the patents independently for intellectual property licensing.
- U.S. Patent # 7,680,755 covers the automatic detection and classification of a mobile device, such as a smartphone or feature phone. The patent resolves problems that arise when carrier or aggregator operated online mobile application stores must support multiple operating systems and platforms, such as Android ([News - Alert](#)) and J2ME. Every mobile device vendor supports multiple OSs and implements an OS differently, forcing developers to rebuild their applications to meet each devices unique requirements.
- Diversinets patented technology solves the fragmentation issue by identifying each device as it registers with an application stores server and then automatically providing it with the correct version. This system also can be updated to support new device models and OSs as they become available in the marketplace.
- The patented method is designed to lower support costs for carriers and vendors with branded application stores, aggregators and developers, while consumers can enjoy a hassle-free download experience. These advantages apply to any mobile application, including games, utilities and business software that is available on multiple OSs and device platforms.
- The second new patent, Canadian Patent # 2,365,441, provides security for mobile digital communications of information. It helps licensees ensure compliance with industry best practices and security requirements in such laws as the Personal Health Information Protection Act (PHIPA) in Canada and the Health Insurance Portability and Accountability Act (HIPAA) in the United States.
- The patented method uses these identifiers for individuals and servers; enabling anonymous transactions that can be conducted and authenticated more securely than if real identities were used. This approach uses compact identifiers that are ideal for bandwidth-constrained situations, such as in areas where only a GPRS or CDMA2000 1X network is available. Compact identifiers are optimal for devices with limited storage, including smart cards, feature phones and RFID devices.



Global Gateway ([News - Alert](#)) Media & Communications, Inc. is a media and communications focused company. The company has two core businesses; Media Broadcasting and Telecom.

Calvin Azuri is a contributing editor for TMCnet. To read more of Calvin's articles, please visit his [columnist page](#).

Edited by [Marisa Torrieri](#)

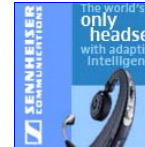
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