



Bilcare Technologies is a research and technology leader focused on creating next-generation anti-counterfeiting, security and brand protection solutions for a broad range of industry sectors.

Bilcare Technologies is a business unit of Bilcare Ltd. - an innovation-led solutions provider that partners with the global pharmaceutical and healthcare industry to improve patient healthcare outcomes.

Bilcare Technologies provides intelligent business solutions in the authentication, brand protection and security solutions space and holds 140 patents.

## **nonClonable™**

With breakthrough research and development in micro and nanotechnology, Bilcare Technologies has developed a first-of-its-kind technology - nonClonable™.

nonClonable™ employs a unique materials-based fingerprint for each product that is prohibitively difficult to copy (the fingerprint cannot be duplicated even by Bilcare). These materials-based fingerprints are applied as tamper-evident labels directly to the product itself or on the packaging.

nonClonable™ protects brands by preventing counterfeiting and providing real-time authentication and secure track-and-trace. Our solutions prevent cloning of IDs, secure e-governance practices and ensure that products and assets are secure from misuse through the supply chain.



Anti-counterfeiting



Securing Track-n-Trace



e-Pedigree



Real-time Authentication



Secure Point-of-Sale Information



Medical Compliance

nonClonable™ offers a bundled technological solution that enables product and supply chain security. The solution is affordable and adaptable to a diverse range of industry segments.



Security and ID Cards



Medical Compliance



Document Security



Agrochemicals



Currency Security



High Value Components



Pharmaceuticals



Fashion and Luxury Goods

## Recognition

- ▶ Outstanding Innovation of the Year Award 2009 by ChemTech Foundation for our - "nonClonable™ Technology for Identification, Authentication and Anti-Counterfeiting".
- ▶ Recognized with the European Outsourcing Award for Best Product of 2008 for an effective anti-counterfeiting packaging solution.
- ▶ Recipient of the Frost & Sullivan 'Technology Innovation of the Year Award 2007', in the category of Asia Pacific Emerging Security Technologies.
- ▶ Winner of ZDNet Asia's Breakthrough Award 2006, and was cited in the Top Ten Asian TechnoVisionaries category.
- ▶ Winner of Nanochallenge 2005, an international business plan competition held in Padua, Italy.

*I had been to one such innovative company called Bilcare in December 2007. They have done some remarkable work on several technology innovations in packaging materials and have also developed a unique nonClonable™ security solution which can be effectively used to not only combat counterfeit by providing a means to identify the genuineness of the medicine but also provide capability to secure the supply chain which is the weakest link attacked by the duplicator to push in spurious medicines.*

*Dr. A. P. J. Abdul Kalam, Former President of India in a speech at the 43rd Annual General Meeting of OPPI on August 8th, 2009.*

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## Corporate Headquarters

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