

Applied DNA Sciences, Inc. (APDN.OB) Partners with Bilcare Technologies to Offer Real-Time Supply Chain Security and Authentication Solution

Applied DNA Sciences, Inc., www.adnas.com – the provider of security solutions based on patented DNA biometrics, announced today a definitive agreement with nonClonableID™ developer Bilcare Technologies to market a combination of both companies' technologies as a novel, multi-layer security system for logistic/provenance control, anti-counterfeiting and brand protection.

The powerful combination of technologies now means that both APDN and Bilcare can offer customers a real-time supply chain awareness system that enables item-based authentication, identification and verification of field-deployed assets or products while simultaneously providing a comprehensive forensic authentication solution for laboratory analysis.

Global President of Bilcare Technologies, Dr. Satya Sharma, called the combined solution an approach unrivaled by competitors in its ability to provide customers real-time situational awareness of their entire supply chain at-a-glance, and reinforce the power of their proprietary nonClonableID technology. Dr. Sharma also noted that the combined technologies now offered represent a more cost-effective solution that provides instant identification and forensic level security.

CEO of APDN, Dr. James Hayward, reaffirmed these sentiments, calling the combined solution “the best of both worlds”, and making especial note of Bilcare’s technology, which offers an item-level unique fingerprint that cannot be copied under any circumstance. Dr. Hayward cited the ability of the system to seamlessly integrate the customer’s database management systems to real-time authentication devices able to track and trace products in the field.

With existing widespread application of both company’s technologies, uptake of the new, more powerful combined solution should see rapid adoption in relevant industries, from automotive components, museum items and unit-dose pharmaceuticals on the Bilcare side, to apparel, luxury consumer products, textiles and the cash-and-valuables-in-transit markets on the APDN side.

Tagged products can be easily and quickly scanned with a handheld scanner that validates via a secure remote server. Items can also be scanned anywhere on earth using mobile phone connectivity, allowing for definitive time/location stamping wherever and whenever an item is scanned, purchased or returned – an approach which translates into multiple downstream benefits to operational efficiency.

The PDA-like compact portable readers are cheap and easy to use, making for a readily deployable field architecture which allows for counterfeit products to be quickly identified, along with their point of entry into the supply chain. This represents a forensic analytical framework unsurpassed in its ability to level a mountain of undisputable evidence that can be used to prosecute perpetrators.