

Applied DNA Sciences keeps life real and safe by providing unique biotechnology-based security solutions that address the challenges of the modern world. Patented DNA markers offer a powerful and accurate means of determining authenticity, origin and provenance in a wide range of commercial and law enforcement applications. Whether working in supply chain security, brand preservation, ethical sourcing or asset protection, it's the goal of Applied DNA Sciences to help establish secure and flourishing environments that foster safety, quality, integrity and success.



**SigNature® DNA for Electronics and Critical Components**

- Ruggedized defense for military, aerospace and commercial supply chains
- Authenticity assured; provenance established; traceability enabled
- Embedded into a range of items and carriers including MIL-SPEC ink
- Proven durable in harsh environments
- Cornerstone of DLA's counterfeit mitigation of high-reliability electronics program



**SigNature® T**

- Identity assurance for textiles
- Specially engineered to bond tenaciously to any kind of fiber
- Combats: Counterfeiting, adulteration, diversion
- Customers: Himatsingka, Louis Dreyfus Commodities



**fiberTyping®**

- Ultimate diagnostic tool to authenticate cotton
- Provides a means to verify original ELS cotton content present in cotton products
- Combats: Counterfeiting, adulteration, diversion
- Customers: Supima



**Printing and Packaging**

- Botanical DNA combats counterfeiting and provides forensic brand protection
- Certified partner protect program for printing and packaging companies
- Multi-layered authentication solutions for internal and external packaging
- Serialized tracking capabilities
- Beacon™ encrypted fluorescent signals via lock and key technology



**DNAnet®**

- Links the criminal to the crime
- Home Asset Marking program: over 200 participating US law enforcement agencies
- Combats: Burglary & intrusion in warehouses, stores, homes, banks, automobiles; metal theft
- Customers: Swedish National Railway, Gold Coast Bank



**Large-Scale DNA Production**

- PCR-based production of custom DNA sequences
- Applications for vaccines, diagnostics, bioagriculture and gene therapies
- Patent-protected production system enables large quantities of DNA to be produced quickly, cleanly and affordably
- Customers: reagent suppliers and international diagnostics companies



**digitalDNA®**

- Track and trace
- Cloud-based, forensic chain of custody portal platform
- Real time reporting along the most complex supply chain