



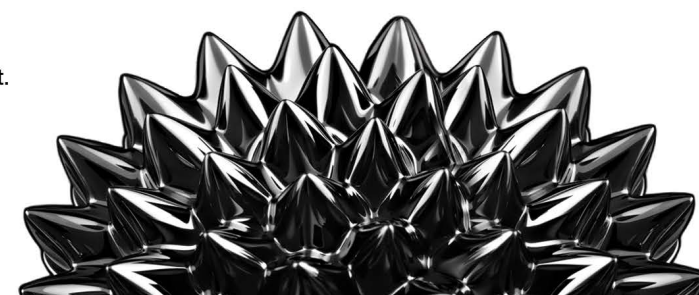
AR Ink™

Print & Beyond!

High-performance ink solutions
Specialty & high-security applications
Consulting & support

BIOMETRIC
MAGNETIC
INVISIBLE
DYES

PIGMENTS
IR & UV
CMYK SPOT
DISPERSIONS



Ink & Services. Diversified Nano Solutions Corporation (DNSC), based in San Diego, California, specializes in developing and manufacturing nano materials and fluids used in high-performance functional inks for digital printing, unique customer applications, research and surface treatments. As a leading manufacturer of digital inks, DNSC's comprehensive ink portfolio includes: cmyk/spot-dye and pigment, MICR, Invisible IR and UV, food, textile and custom ink based on water, solvent and UV curing formulations.

Biomarker Solutions. DNSC provides INKcrypt® AR Ink™ Solutions, an industry exclusive, which integrates revolutionary AR Ink™ and INKcrypt's biomarker technology with digital inks and the power of the internet. INKcrypt® AR Ink™ enables instant proof-of-item identity and location tracking using any internet connected device. The solution helps individuals, brand owners and large enterprises to grow market share and eliminate illicit trade. Counterfeiting and illicit trade are pervasive in nearly every industry sector, harming consumers and brand owners, while costing the global economy over 1 trillion dollars annually. Preservation of product and information integrity is increasingly important as sophisticated counterfeiting efforts easily defeat existing anti-counterfeit technologies.

Compatibility. DNSC inks and solutions are compatible with piezo and thermal print heads from most print head manufacturers and print system makers: HP, Kyocera, Epson, Konica Minolta, Panasonic, Canon, Screen, Ricoh, Fuji Film, Xerox, Amica Systems, Domino, Pitney Bowes & more.



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INK & SERVICES

- High-performance ink solutions
- Specialty & high-security applications
- Consulting & support



SECURITY & more



UV/IR Invisible Ink –
Red, Green, Yellow, Blue
& more. (Invisible IR
absorbing 790-1070nm)

MICR & more



Magnetic Ink (MICR)



Magnetic Fluid

CMYK & more



Elite – General Purpose
Pigment Ink / Spot Colors



Value – Dye & Dye Pigment
Hybrid Ink

SPECIAL & more



Textile Pigment Powders



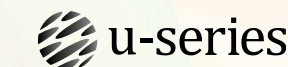
Ink for Food Grade Solutions



Special Effect Materials &
Custom Formulations

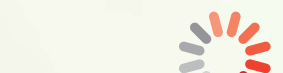


Specialty & UltraFast-Drying Ink



Specialty & UltraFast-Drying Ink

COLOR CHANGING



DNA Differentiated Fugitive
Color Changing Inkjet Ink



AR Ink™ Solutions

AR Ink™ allows conveyance of hidden content beyond visible reality—hidden images, image in an image, etc.—that link biomarkers to supply chains, brand owners, product features and more. AR Ink™ enables Print & Beyond!

- Increase Value & Trust
- Grow Market Share
- Maximize Transparency & Loyalty

AR Ink™+ Enablers = Value / Benefits

INKcrypt® AR Ink™ Solutions

INKcrypt® is a revolutionary DNA biomarker technology for ink and fluids which eliminates losses from counterfeiting, revolutionizes supply chain and provides a next level customer loyalty experience.

Internet Platform

Goinkcrypt.com manages all INKcrypt® activity. Users manage interactive test protocols, login, location, mobile phone number, entry of specific PINs, delivery of custom information, images, activation codes and more.



about-us_09/18

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Real-Time Authentication,
Tracking, Analytics and True
Counterfeit Protection at low
cost and superior performance!

authenticate. track. connect. goinkcrypt.com

Revolutionary DNA Biomarker Technology

DNSC provides INKcrypt® AR Ink™ Solutions, an industry exclusive, which integrates revolutionary AR Ink™ and INKcrypt's biomarker technology with digital inks and the power of the internet. INKcrypt® AR Ink™ enables instant proof-of-item identity and location tracking using any internet connected device. The solution helps individuals, brand owners and large enterprises to grow market share and eliminate illicit trade. Counterfeiting and illicit trade are pervasive in nearly every industry sector, harming consumers and brand owners, while costing the global economy over 1 trillion dollars annually. Preservation of product and information integrity is increasingly important as sophisticated counterfeiting efforts easily defeat existing anti-counterfeit technologies.

INKcrypt® AR Ink™ Solutions—INKcrypt® is a revolutionary DNA biomarker technology for ink and fluids which eliminates losses from counterfeiting, revolutionizes supply chain and provides a next level customer loyalty experience.



INKcrypt® AR Ink™ Solutions* for:

- K-Series** - MICR Ink & Pigment
- I-Series** - Invisible UV fluorescent & IR absorbing Dye & Pigment Inks
- V-Series** - Dye & Dye Pigment Hybrid Inks
- E-Series** - General Purpose Pigment Inks
- S-Series** - Specialty and UltraFast-Drying Inks
- T-Series** - Textile Pigments

*Also available for qualified 3rd party inks.



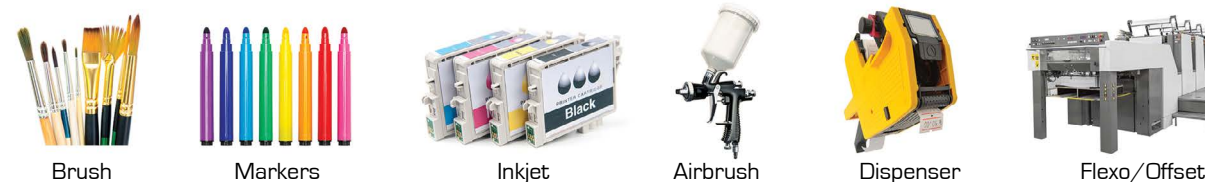
INKcrypt® Protects Value

INKcrypt® DNA Biomarkers can be added to virtually any physical item, surface, packaging, porous, non-porous materials etc.—ideal protection for Business, Finance, Pharmaceuticals, Industrial, and valuables.



Methods to Apply INKcrypt® Biomarkers

INKcrypt® DNA Biomarkers are available as fluids/inks that can be applied in a variety of customer-specified methods. See next page for large format options.



INKcrypt® Process

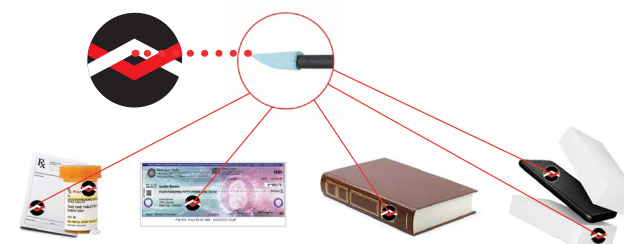
Implement in three easy steps!

- 1 Apply
- 2 Test
- 3 Authenticate Analyze Track

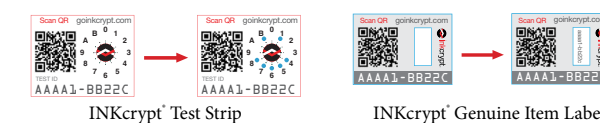


INKcrypt® Testing & Authentication Process

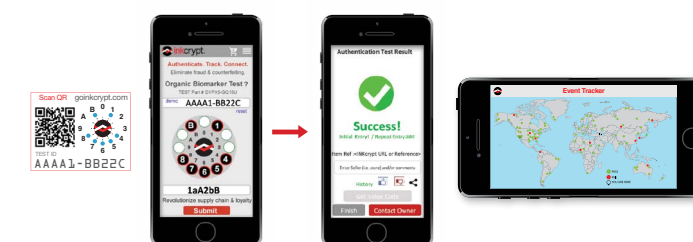
STEP 1. Collect Unique DNA Biomarker Sample from INKcrypt® Biomark.



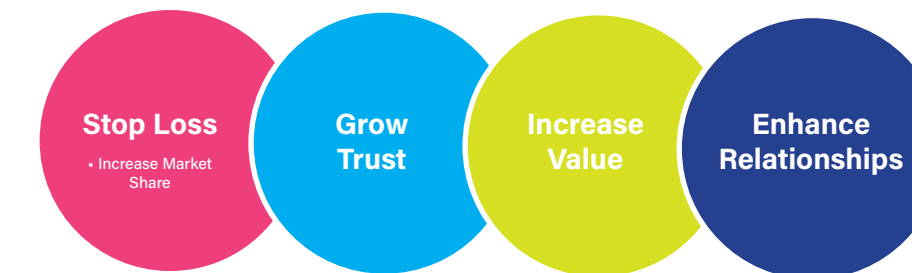
STEP 2. Test DNA Biomarker sample in real-time using INKcrypt® Test Strip or the push-release INKcrypt® Plus Genuine Item Label.



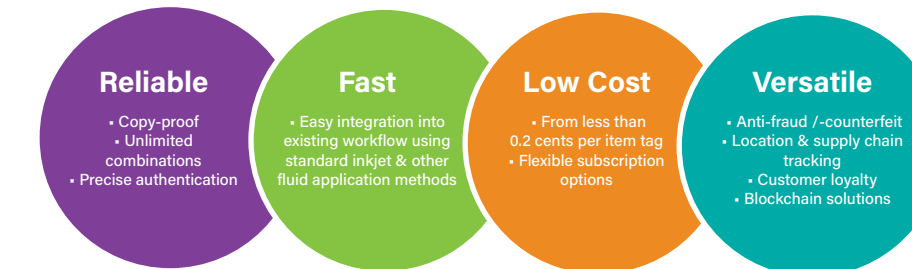
STEP 3. Authenticate INKcrypt® Test Result using the INKcrypt® platform. Scan QR or enter INKcrypt® Test Strip ID using the goINKcrypt app/website to Submit, Analyze & Track.



INKcrypt® Improves Value



INKcrypt® Gives You Piece of Mind



AR Ink™ Solutions—AR Ink™ allows conveyance of hidden content beyond visible reality—hidden images, image in an image, etc.—that link biomarkers to supply chains, brand owners, product features and more. AR Ink™ enables Print & Beyond!

Increase Value & Trust

Grow Market Share

Maximize Transparency & Loyalty

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