



**Ink & Services.** Diversified NANO Solutions Corporation (DNSC), based in San Diego, California, specializes in developing and manufacturing inks and fluids needed for printing, custom applications, research and special surfaces. DNSC's ink portfolio is one of the most comprehensive in the market and includes: cmyk/spot-dye and pigment, MICR, Invisible IR and UV, food, textile and custom ink based on water, solvent and UV curing. DNSC inks are the preferred choice of leading printer manufacturers.

**Biomarker Solutions.** The smartINK™ Solution, an industry exclusive, integrates revolutionary INKcrypt® biomarker technology with digital inks and online tracking. smartINK™ enables instant proof-of-item identity and location tracking using an inexpensive test which can be performed by anyone. The solution helps individuals, brand owners and large enterprises grow market share and eliminate illicit trade. Copy-proof, unique biomarkers allow accurate differentiation of brand owners, items, supply chain events and more. Visit [goinkcrypt.com](http://goinkcrypt.com) to acquire and register custom INKcrypt® biomarkers and associated test kits. Registered users have flexibility to setup test requirements, such as login, location, phone number, entry of a specific PIN(s) and more. The system also allows for delivery of information, images, activation codes for value redemption and more.

**Compatibility.** DNSC inks and the smartINK™ Solution 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.



# INK & SERVICES



- Eliminate fraud & counterfeiting
- Revolutionize supply chain & loyalty
- Instant start & payback

## DNSC smartINK™



### 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

### Compatibility

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### Biomarker Solution

INKcrypt® is a revolutionary item protection and tracking solution based on custom biomarkers and internet connected devices.

The biomarkers contain customizable DNA sequences to allow unlimited differentiation of brand owners and item/product variety.

Each DNA variation can be uniquely identified in seconds by anyone using an inexpensive test kit.

### 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.