

TOPFLIGHT INNOVATIONS

Advanced Security Solutions

Topflight has a wide range of solutions to ensure product security. While any of these innovations can prove an effective anti-counterfeit and authentication solution, combinations of multiple technologies are recommended for ultimate performance.

Manufacturing is done in a secure environment with closed circuit video surveillance and strict security protocols. Many features can be added in-line, increasing options without adding separate steps. Once features are integrated into your product, track-and-trace can provide valuable business insight.

Holograms

Laser produced images can include a myriad of overt and covert features, including microtext, nanotext, concealed images revealed at certain angles or under special lighting, and animated stereograms.

Indicating Inks and Materials

Images can be printed which change color in various environments or shift through color spectrums visually. Coin-reactive inks and metameric patterns can both conceal covert messages. Materials can change appearance in conjunction with inks or environments.

Shrink Seals

Shrinkable film can be combined with tear strips or holograms to protect products from tampering and counterfeiting.

Self-Destructing Materials

Multi-ply, adhesive solutions can resist removal and conspicuously mark a tampered package.

RFID Solutions

Complex identification labels can authenticate products as well as provide tracking and descriptive information.

Taggants

Microscopic taggants provide a unique fingerprint which is nearly impossible to replicate, and can offer advanced coding for a variety of data.



Multi-layered, overt and covert security features can be achieved with specialty inks or holograms.



Examples of an innovative destructing label and a security shrink seal for various applications.



Markers and RFID technology have both been recommended by the FDA for product security. Markers include a unique fingerprint, nearly impossible to replicate.