

FiercePharma Manufacturing

Pfizer to offer encrypted capsule shells

Brand-protection solutions maker NanoGuardian has opened its NanoEncryption technology kimono to Pfizer's Capsugel drug delivery systems division.

By mid-year, Capsugel expects to offer both pre-NanoEncrypted capsule shells and the post-fill nanoscale-marking service. The pre-fill service aims to eliminate significant disruption to a drug maker's existing manufacturing process.

NanoEncryption technology imprints overt, covert and forensic security features on capsules, tablets, vial caps, and single-use syringes to fight counterfeiting and illegal diversion. Overt and covert markings allow dose-level authentication, while forensic NanoCodes provide comprehensive tracing information.

Pharmaceutical Commerce magazine reports that coatings and excipients supplier Colorcon announced a similar deal last summer with ARmark Technologies. In the resulting On-Dose ID offering, the latter's nano-scale microtaggants are added to Colorcon coatings.

Separately, Bilcare has unveiled its nonClonable patient safety system. It uses materials-based fingerprints built from micro- and nano-structures for item-level protection, the company says. The fingerprints are tamper-evident labels themselves, or they can be embedded as tags into objects. A reader device provides authentication in the field via database connection