



# MIKOH Corporation

## The Worldwide Leader in Tamper Evident Technology

### Smart&Secure

You need to know your products have not compromised. Be certain it's not just secure, it's Smart&Secure.

Smart&Secure is a patent-protected, tamper evident RFID technology developed and patented by MIKOH. It addresses tag physical security issues by detecting if an RFID label has been tampered with or moved and provides a one-to-one relationship between a tag and an asset. MIKOH currently offers three variations of its Smart&Secure technology:



Smart&Secure Inform technology disables an RFID tag if it is tampered with or moved. The tag cannot be transferred to counterfeit products, ensuring that a functional tag indicates a genuine product. Users can be certain that more than just the tag is being tracked.



MIKOH's Smart&Secure Insight technology incorporates a pressure-sensitive label incorporating an RFID chip and antenna, along with a dedicated tamper circuit.

Unlike the Inform Technology, Smart&Secure Insight alerts an RFID reading device that it has been tampered, while maintaining the tag's RFID functionality. This enables ongoing retrieval of data stored on the tag.

### Smart&Secure Merchandise Tag

Unlike other RFID tags designed for retail applications, the Smart&Secure Merchandise Tag allows consumers to reduce the RFID read

distance simply by unfolding the top layer of the tag, which decouples the tag's antenna from its RFID chip ensuring consumer privacy.

If the product is returned, the tag's read distance can easily be restored by folding the tag closed again, allowing companies to use it for reverse logistics.

Smart&Secure technology indicates when the asset and tag relationship has been compromised. The proprietary adhesive chemistry and multi-layer manufacturing process result in reliable tamper indication even when sophisticated tamper methods are used, including:

- Temperature Extremes
- Chemical Attack (e.g. Solvents, Corrosives)
- Mechanical Attack (e.g. Razor Blade, Knife)

Contact our sales force to see how MIKOH's suite of patent-protected RFID and non-RFID solutions can ensure asset security and enhance supply chain efficiency in your organization.

## MIKOH: Be certain...

