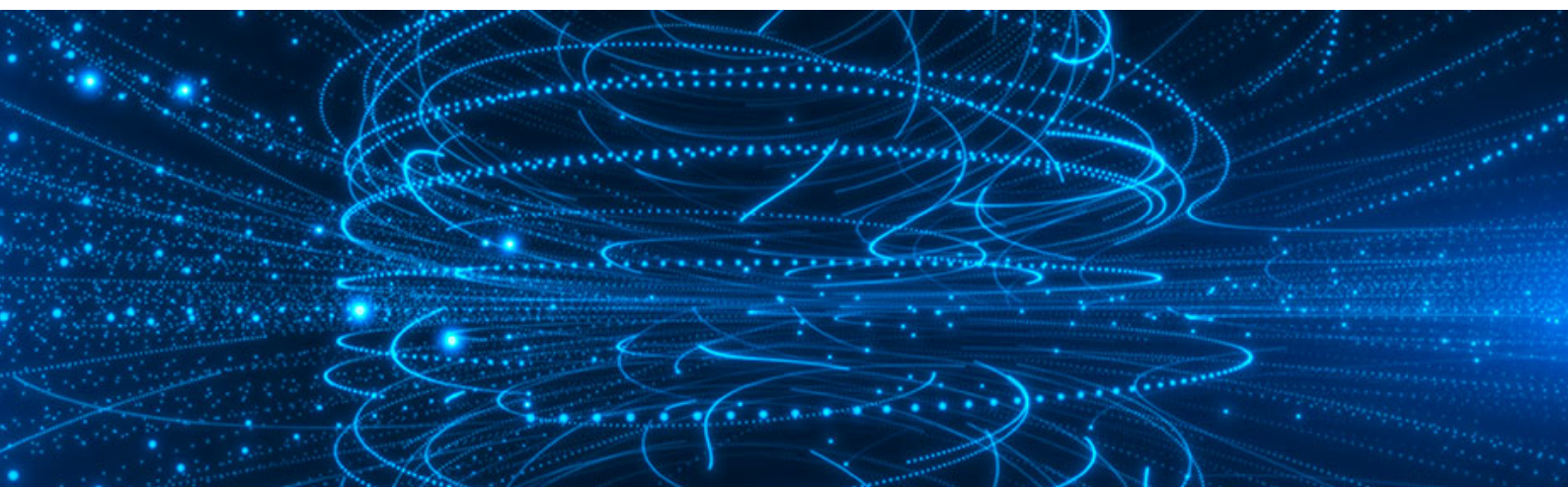


MAG³



ADVANCED GENERATION OF MAGNETIC CODING

Multi layered secured code to safeguard your banknotes



The latest generation of covert magnetic code

The process of automatically sorting banknotes currently in circulation relies on various security features. These features enable sorting equipment to accurately determine the authenticity of the banknotes with a very high level of efficiency. However, it's important to note that counterfeiters are continually developing new techniques. As a result, it is essential to utilize the most advanced security features to stay one-step ahead of counterfeiters. IN Groupe, with its comprehensive knowledge of the entire cash cycle, can provide Central Banks with sophisticated and proven solutions for machine-readable features for banknotes. These features play a vital role in detecting counterfeit notes.

Central banks have the flexibility to personalize the embedded code to meet their specific requirements, and IN Groupe ensures that this magnetic message is entirely unique and not utilized for any other currency denomination. The intricate details regarding the creation and production of these codes are not publicly disclosed, making it highly improbable for counterfeiters to replicate this technology. Because the magnetic code is integrated within the core of the two polyester layers that compose the thread, the readability of these layers remains exceptionally durable throughout the entire lifespan of the banknote.

Mag³, the most recent innovation in magnetic code technology, is built by incorporating a mix of different magnetic layers. It provides various tiers of decoding capabilities, ranging from detecting the mere existence of magnetic components to uncovering hidden messages using specialized and exclusive equipment.

- Affordable on all security threads.
- Mag³ combines covert simple and complex information, ensuring the highest level of protection against counterfeiting.
- Customized codes, to guarantee a unique customer cash control through multiple different covert codes detectable at point of sale, teller and BPS used note sorting machines.
- Ensured machine readability with the specific sensors.
- Commercially available technologies are unable to detect Mag³ codes.

KEY FEATURES

MAGNETIC DIVERSITY

Enhancing security by employing various types of magnetism across distinct layers.

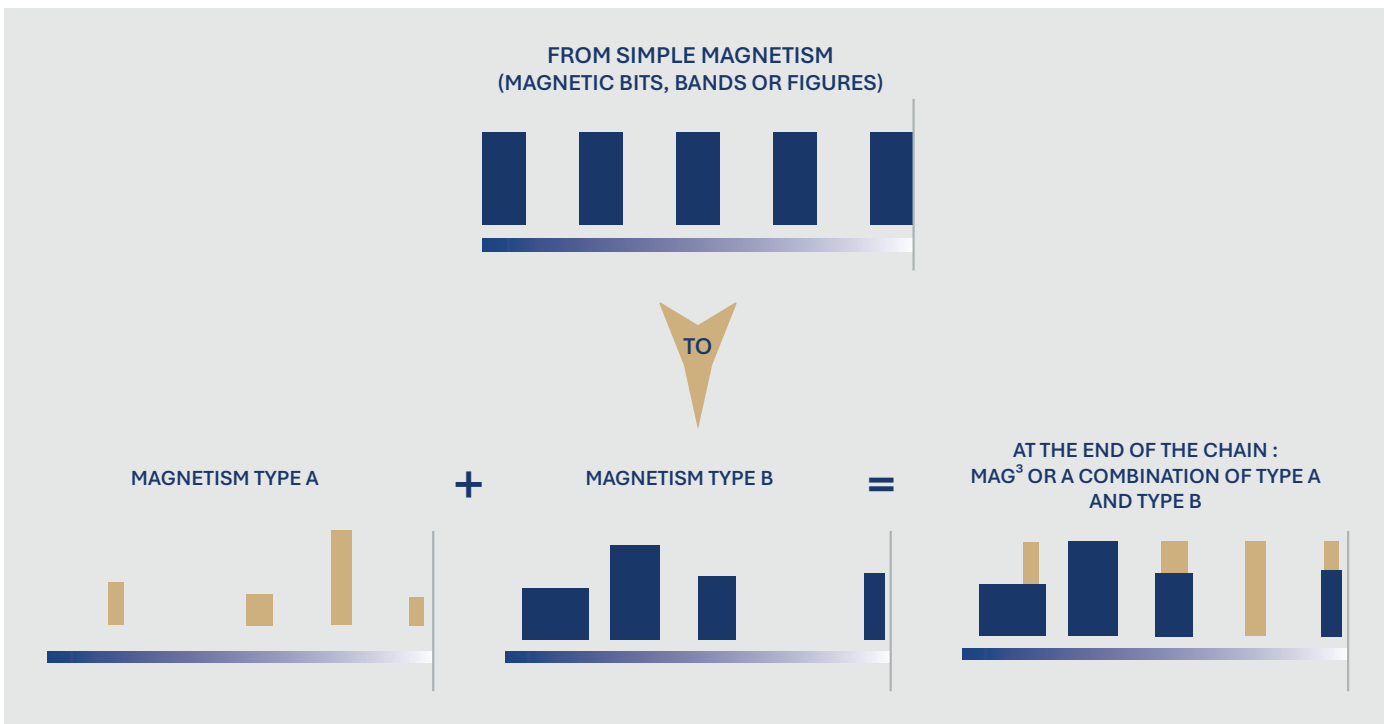
MAGNETISM CUSTOMISATION

Tailor-made codes to ensure an exclusive and unique cash control for each Central Bank.

HIGHLY SECURED

Proven and robust technology.

Code Schematic view



Thread 3D view

