TAMPER TECHNOLOGIES

TAMPER EVIDENCE FOR GOVERNMENTS

CHAPTER I

Layer Your Tamper Evidence

Layer One: Securing Election Ballot Boxes

Using non-residue tamper-evident security labels to safeguard election ballot boxes is an overt, secure measure to ensure the reliability of the electoral process through deterrent and instant detection.

These specialised security cut labels with consecutive numbers offer additional security against any illicit attempts to compromise the integrity of the ballots or manipulate election outcomes. Although simple in looks this security solution is an extremely effective one!

Layer Two: Protecting Diplomatic Pouches

Tamper-evident labels are used to secure reusable and single use diplomatic pouches because they provide visible evidence of any unauthorised access or tampering, ensuring the confidentiality and integrity of sensitive diplomatic materials during transit. By utilising technology such as barcode scanning, numbering and QR codes, authorities can easily track the pouch's movement at various checkpoints, ensuring it follows the designated route and arrives at its intended destination.
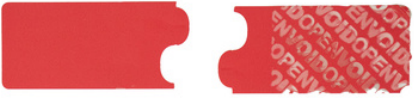
Layer 3: Secure Paper Box Tape

Tamper-evident tapes on boxes can offer this vital protection to government agencies. These tapes provide a clear visual indicator, enabling quick and reliable verification and validation processes. Using a layered approach with tamper evident tapes within your supply chain offers a robust security solution for safeguarding everything that needs shipping in a box.

Their design and features pose significant challenges, providing enhanced protection and preserving sensitive information.

CHAPTER II

Make It Yours

QR CODE	RECEIPT TABS
SECURITY CUTS	**SUBSURFACE BARCODES & NUMBERS**
THERMOCHROMIC INK	**UV INK**
FINGER LIFT EDGES	**HOLOGRAMS**

CHAPTER III

Why tamper evidence?

Case Study: Tamper-evident Labels and Electoral Integrity

Problem: Maintaining the chain of custody for electoral voting boxes is crucial for ensuring public trust in the election process. However, vulnerabilities exist, raising concerns about potential tampering and ballot manipulation.

Solution: Applying tamper-evident labels on voting boxes can significantly enhance chain of custody integrity. These labels, with unique serial numbers and security features, act as a physical and visual deterrent against unauthorized access.

Benefits: Increased security, tampering with a sealed box leaves clear, irreversible evidence, deterring attempts and aiding post-election audits, labels track box movement throughout the process, documenting every handover and location change.

Election: City Council Ward 3, 2023

Situation: Public concerns arose about potential tampering with voting boxes in remote areas as well as the history of close elections. Previous elections lacked robust chain of custody protocols, fueling doubt and accusations so the electoral commission introduced the use of tamper evident labels.

Tamper-evident labels were introduced, featuring: Unique serial numbers for each box recording chain of custody, Residue-free adhesive to prevent damage to boxes, Signature panels for authorized and approved personnel

Results:

- Significant decrease in reported tampering incidents
- Increased public confidence in the electoral process
- Smoother and more efficient post-election audits
- Reduced costs associated with investigating potential fraud

Conclusion: Tamper-evident labels represent a valuable tool for bolstering electoral integrity and public trust. While challenges exist, their benefits – enhanced security, streamlined audits, and increased public confidence – outweigh the costs, making them a worthwhile investment for any democracy seeking to strengthen its electoral processes. Note: This case study is a fictional example based on industry trends and common challenges. Actual results may vary depending on specific implementation and business context.