LOCK & EnCODE SMART SEALS

High Tech. Highly Secure.

Electronic Tamper Sensing RFID Cable Seals
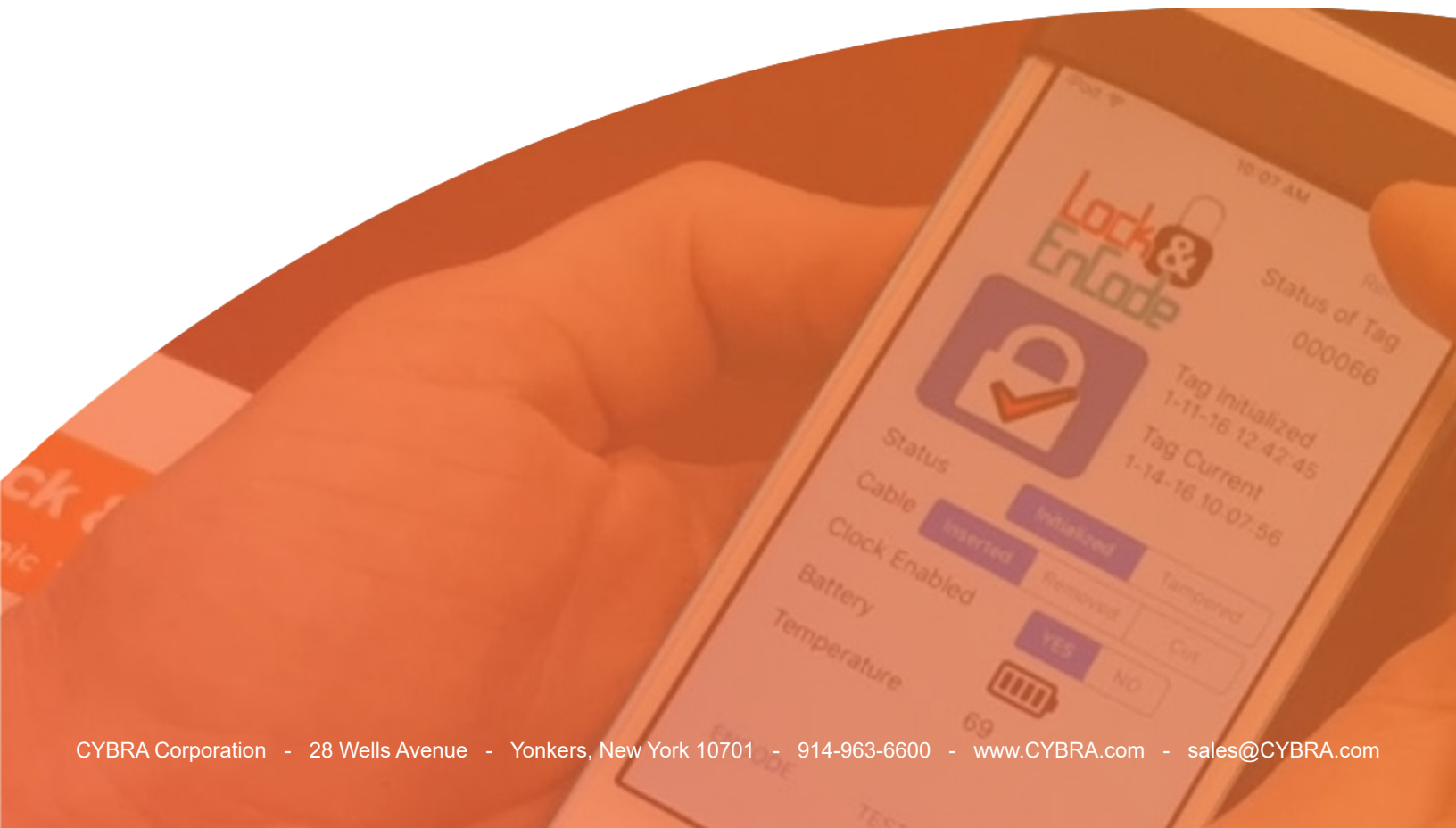
Secure   **RFID Embedded**   **Highly Visible**   **Cost Effective**

CYBRA's Lock & EnCode™ SmartSeals are BAP (Battery Assisted Passive) RFID Cable Seals and an all-new physical and electronic tamper evident RFID tagging solution. The latest seals in CYBRA's Lock & EnCode family, the SmartSeals are designed for the most demanding applications that require enhanced security including securing IT assets, bulk carriers, tankers, trailers, and shipping containers.

A highly secure, high tech alternative to conventional padlocks, CYBRA Lock & EnCode™ RFID SmartSeals combine long-range RFID-reading performance with cable insert and cable cut sensors.

Features

Lock & EnCode™ RFID SmartSeals offer an advanced, tamper evident, UHF RFID tagging solution for IT assets and high value items.
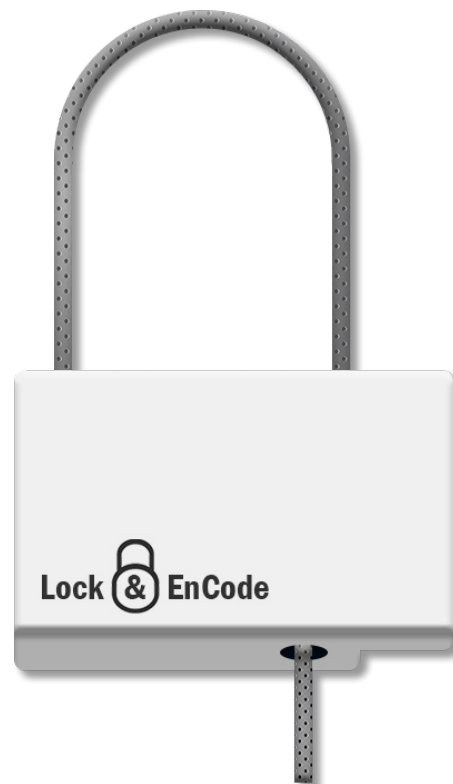
- Long range RFID reading — up to 18 feet with circular polarized antenna.
- EPCglobal Class 1 Gen 2 (version 1.2.0) compliant.
- ISO/IEC 18000-6C compliant.
- Designed for global operation between 860—960MHz.
- Non-preformed cable unravels when cut.
- Galvanized steel cable,
- Embedded with sensors that track the seal's state.

Specs

- Item #: RFLCKBAP
- Strength: >240kg-f / 529lb-f
- Material: Non-metallic housing, non-preformed galvanized steel aircraft cable (Ø2.5x300mm L)
- Printing: Laser printed customer logo/name, serial number, and Code 128 barcode
- Color options: Red, Yellow, Blue, Green, White, Orange
- Usage: Seal is delivered with programmed RFID User
- Data encoded and permalocked to match serial numbers supplied by customer at time of order.
- RFID: EPC Gen 2 Class 1 Compliant, ISO/IEC 18000-6C
- Compliant, Frequency at 860 to 940 Mhz
- Sensors: Cable insert sensor, cable cut sensor
- Read Distance: 5 to 10 meters, depending on reader
- Battery Life: Approx. 5 years
- Packaging: 100pcs/inner carton, 1000pcs/outer carton

Recommended Applications

- Shipping Container seal
- Bulk Carrier seal
- Tanker seal
- Customs and Law Enforcement
- Closed-loop tracking of IT assets

Benefits

- Reports tampering by cable cutting and reusing of seal.
- Ideal for securing valuables for long periods of time.
- Records time when sealed and if tampered.
- Reduces losses in transit.
- Visual and physical tamper evidence.
- Electronic tamper sensing.
- Automates shipping and receiving.
- Enables order and shipment validation.
- Suitable for RFID geiger counter function to find locked item fast.
- Fully supported by CYBRA's Edgefinity IoT RFID.

Interested? Let's Talk.

Leading software vendors such as Manhattan Associates and thousands of customers worldwide rely on CYBRA's award-winning software to save time and money. We can show you how to implement a scalable RFID inventory asset and management system.

Contact us today to learn how our auto-ID solutions can positively impact your bottom line.

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