



VITAL-Case™

**24/7 Real-Time, Secured Transport, Tracking, and
Auditable Inventory of Currency
with Authorized, Configurable Alarm Protocols**

The *Future* of Treasury Operations... Available *Today*

Confidential

Vital-Case™ is the registered trademark of VerdaSee Solutions, Inc.

© 2019 VerdaSee Solutions, Inc. All rights reserved.

Goals for Treasury Applications


- 1. To provide an intelligent and nearly impregnable Cash Box technology for the secured transport and management of currency**
- 2. To effectively maintain an unmanned, automated, and fully auditable monitoring capability of the currency in each Cash Box on a 24/7 basis**
- 3. To deliver user-defined status updates and alarms to an authorized central location**
- 4. To integrate the intelligent Cash Box technology with existing treasury systems to achieve higher efficiency, effectiveness, and ease-of-operation through reduced cycle times, improved inventory management, and minimized human intervention (to reduce labor, errors, and risk)**
- 5. To accomplish these goals in the most cost-effective and efficient manner available while providing a path toward future enhancement without risk of technology obsolescence**

Confidential

Vital-Case™ is the registered trademark of VerdaSee Solutions, Inc.
© 2019 VerdaSee Solutions, Inc. All rights reserved.

Vital-Case™ Currency Management System

The **Vital-Case™ Currency Management System** includes:

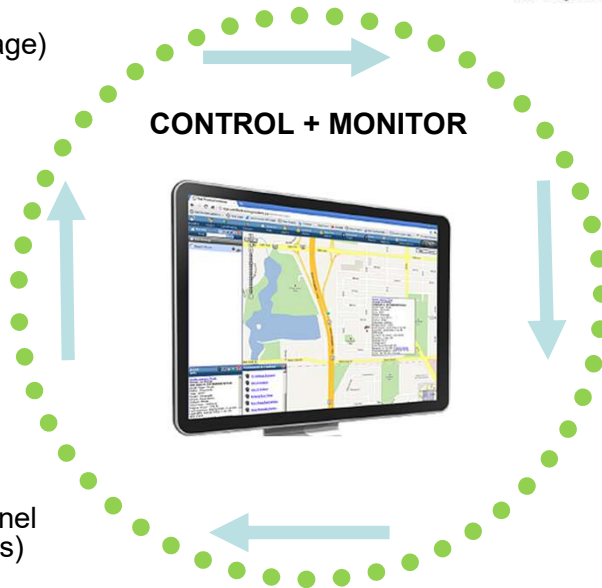
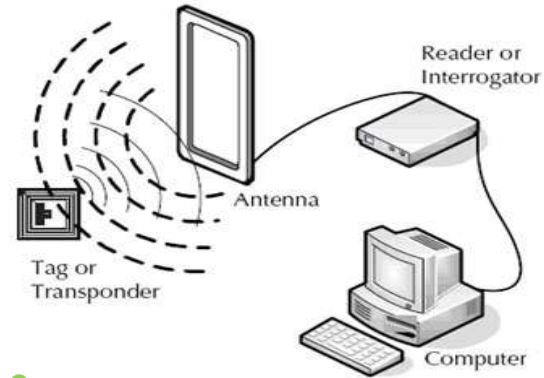
-  **PELICAN™ cases** (for the physical Cash Box)
 - Size to be determined by Customer application
 - Color choices may be selected to delineate currency denominations
- **Electronic Scanning System**
 - Designed by VerdaSee to conform with Customer's required specifications
- **Alarm System**
 - Designed by VerdaSee to conform with Customer's required specifications
 - Alarm protocols are remotely configurable by authorized Customer personnel
- **Central Monitoring and Control System**
 - Designed by VerdaSee to conform with Customer's required specifications
 - Reporting and response parameters are defined by Customer's authorized personnel
- **End-to-End Integrated Cash Management System**
 - Designed by VerdaSee to conform with Customer's required specifications

Vital-Case™ Currency Management System

Features

Vital-Case™ Cash Boxes

- **Extremely durable**  **cases** (Limited Lifetime Warranty)
- **Shock, water, chemical, and impact resistant** (per industry standards)
- **Stackable** (to facilitate transport and storage)
- **Stainless steel, corrosion resistant hardware**
- **Automatic Pressure Exit management**
- **OPTIONS:**
 - **Color-Coded** (using standard pantone colors)
 - **Automated locking mechanism** (remotely configurable by authorized personnel eliminating the need for keys or combinations)



VerdaSee's Integrated Auto-ID System

- **RFID/GPS-enabled**
 - **Barcoded** (for redundancy)
- **Real-Time Logistics**
- **In-Transit Visibility** (Geolocation)
- **Alarms** (for security and audit capability)
 - **Authorized remote configurability**
 - Environmental, geolocation, and temporal parameters
 - Automatically triggered by any exception to established parameters



Confidential

Vital-Case™ is the registered trademark of VerdaSee Solutions, Inc.
© 2019 VerdaSee Solutions, Inc. All rights reserved.

VerdaSee
Solutions, Inc.

Vital-Case™ Currency Management System

Central Monitoring Capability


Cash Box ID, Content Manifest, Security Alerts

The screenshot displays the Vital-Case monitoring interface. On the left, a sidebar shows 'Smart Case - Bulk' with 'Bulk Case 001' and 'Bulk Case 007', and 'Smart Case - Currency' with 'Cash Box 001'. A red arrow points from this sidebar to a red box labeled 'Case Identification'. The main area features a map of Asaba, Nigeria, with a red dot indicating the location. A red arrow points from a red box labeled 'Geolocation Mapping' to this dot. Above the map, a panel for 'Cash Box 001' shows 'Serial 01', 'Battery Level 5.36V', 'Loc. 42, -68', and 'Temp.'. To the right of this panel, a 'Count' section shows 'Expected' and 'Missing' values. A red arrow points from a red box labeled 'Security/Environmental Alerts' to the 'Alerts' section, which displays 'MOTION!' and 'Lid OPEN!'. On the far right, a 'Manifest' table lists serial numbers from SN02020 to SN00000. A red arrow points from a red box labeled 'Manifest Compliance or Deviance' to the 'SN00000' entry in the manifest table.

Vital-Case™ Currency Management System

Benefits

The **Vital-Case™** Currency Management Systems provides:

- 1. A highly-secure and durable  PELICAN™ case to transport and store currency**
 - Physical damage is mitigated (*i.e.*, attempted breach, heavy impact, dust, water, rust due to corrosion, etc.)
- 2. An integrated RFID/GPS “intelligence” to create a fully-automated audit trail from point-of-origin to designated end-point with real-time logistics (RTL) and in-transit visibility (ITV) that:**
 - Confirms authorized access to each specific **Vital-Case™** to identify and create an audit trail of activity;
 - ❖ Generates and alarm in the case of an unauthorized attempt to tamper with a case;
 - Automatically tracks a **Vital-Case’s™** geolocation and monitors its status relative to alarm protocols that can be remotely configured by authorized personnel; and
 - Delivers immediate access to all such critical data to authorized personnel charged with responsibility for maintaining the integrity of currency system (including automated alarms)
- 3. Additional Automation that:**
 - Provides advanced shipping notices (ASN) of incoming **Vital-Cases™** to improve receiving efficiencies (including the Who, What, Where, and When data associated with contents of each **Vital-Case™**);
 - Improves operating efficiency throughout the treasury system, including the collateral benefits of reduced inventory cube requirements, accelerated and accurate inventory control, reduced physical requirements for lifting, moving, etc. (and the associated risks and costs); and
 - Improves the identification of denominations through color-coding of the **Vital-Cases™** (if this option is elected)

Confidential

Vital-Case™ is the registered trademark of VerdaSee Solutions, Inc.
© 2019 VerdaSee Solutions, Inc. All rights reserved.

VerdaSee
Solutions, Inc.

Vital-Case™ Currency Management System **Summary**

Authorized, responsible parties will know:

WHERE a **Vital-Case™** is located at any instance in time*

- This prevents Cash Boxes from being “lost in transit” (misplaced, stolen, etc.)

WHAT the status of a **Vital-Case™** is at any instance in time*

- With an automatically-generated alarm if any monitored parameter is “violated”

WHETHER a **Vital-Case™** is being accessed **with** or **without authorization** as well as **WHEN** and **WHERE** such access is occurring (or being attempted)

- If **AUTHORIZED**, the **Vital-Case™** Currency Management System will identify **WHO** is accessing the case and **WHAT** actions they are reportedly taking
 - This creates auditable accountability, which prevents tampering with the contents in any way (including misstating the value of the currency in the **Vital-Case™**, substituting ordinary paper for actual currency, etc.)
- **!** If such access is **NOT AUTHORIZED**, appropriate resources can be deployed **immediately** to address the issue

Authorized receiving personnel will know **WHAT** they are receiving, **WHERE** and from **WHOM** it is coming, and **WHEN** it is projected to arrive

* *Or as otherwise prescribed by the authorized party as this is a controllable parameter*

VerdaSee

Solutions, Inc.

Confidential

Vital-Case™ is the registered trademark of VerdaSee Solutions, Inc.
© 2019 VerdaSee Solutions, Inc. All rights reserved.