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Partnering to provide *state-of-the-art* solutions  
for critical and complex asset transport and management challenges  
...*present*...

# **VITAL-Case™**

**Business Confidential**

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**PELICAN™** is the trademark of Pelican Products, Inc. All Rights Reserved

# Superior Solutions Require Superior Partners



- **Pelican Products, Inc.**

- The global leader in:

- The design *and* manufacture of high-performance case solutions for demanding applications in sectors such as defense, first response, treasury, healthcare, aerospace, entertainment, oil and gas, general industry, and consumer goods
- Pelican products are “the industry standard” – designed and built to last a lifetime

- **VerdaSee Solutions, Inc.**

- The leading provider of:

- Scalable, intelligent, fixed *and* mobile RFID/GPS solutions that support multi-protocol, multi-frequency, multi-functional applications designed to operate efficiently and effectively in *any* environment and facilitate data collection at the edge
- 24/7 Real-Time Logistics Systems (RTLS) with In-Transit Visibility ITV)

# The Result



- The world's most advanced and sophisticated ***“intelligent”*** case technology that ***adds***:
  - ***VerdaSee's*** RFID, GPS, Shock, Temperature, Humidity, and other Environmental Sensors ***to...***
  - ***Pelican's*** Airtight, Water, Chemical, and Crush-Resistant, Custom Shock Isolation Systems and Cases...
  
- To provide ***VITAL-Case™*** products that are:
  - ***Made-to-Order*** to conform to the unique physical requirements of any asset
  - ***Configurable Remotely*** to allow tracking protocols and available alarm parameters to be changed by authorized personnel at any time
  - ***Designed to Seamlessly Interface*** with existing systems of record

# Customized Solutions



**VITAL-Case™** solutions offer the economic advantages of integrating “*Commercial-Off-The-Shelf*” (COTS) technology with custom-tailored asset transport and management solutions

- Each product application evolves from a 4-Stage Custom Engineering process:
  1. **Evaluation**
  2. **Design & Engineering**
  3. **Prototypes, First Articles, and Testing**
  4. **Manufacturing and Integration**

# Typical Transport and Storage of Weapons



## Internal Shipment and Storage



## External Shipment



- CHARACTERISTICS:**
- Unsecured
  - Slow & Potentially Inaccurate Count (manual system)
  - No Available Status Information
  - Unstackable Units (require racking to optimize storage)
  - Environmentally Exposed (plus solvent remediation)
  - Life Expectancy = **50-100 “moves”** (plus repairs)

# VITAL-Weapons Case™



## CHARACTERISTICS

- **Secured** (communication and physical status)
- **Fast & Accurate Count** (automated system)
- **24/7 Status** (including geo-location & compliance with alarm protocols)
- **Stackable Units** (smaller *physical* space required)
- **Single Solution for Storage and Internal & External Transport**
- **Environmentally Protected** (plus non-absorptive, cleanable surface)
- **Life Expectancy = approx. 25 years (1,000s of “moves”)**

# Central Command Views



Tracking Statistics

Case Type

Weapons (50)	Total: 1
	Weapons: 8
Bulk	Total: 2
	Components: 1

Smart Cases Weapons (50) Bulk Pelican Corporate Products Services VerdaSee Corporate Products Services  
Powered by VerdaSee Solutions, Inc. | VerdaSee Navigator (TM)

Weapons Case 001

Serial 01  
Battery Level 5.36V  
Loc. 42, -88  
Temp. Hum. Alerts

Count	Expected	Alerts
8	8	MOTION!
Missing	1	Lid OPEN!
Extra	1	

Manifest

- SN02020
- SN03030
- SN04040
- SN05050
- SN06060
- SN07070
- SN08080
- SN09090
- SN00000

Smart Cases Weapons (50) Bulk Pelican Corporate Products Services VerdaSee Corporate Products Services  
Powered by VerdaSee Solutions, Inc. | VerdaSee Navigator (TM)

Weapons Case 001

Serial 01  
Battery Level 5.36V  
Loc. 42, -88  
Temp. Hum. Alerts

Count	Expected	Alerts
8	8	MOTION!
Missing	1	Lid OPEN!
Extra	1	

Type M16A4  
SN SN02020  
State Expected

Smart Cases Weapons (50) Bulk Pelican Corporate Products Services VerdaSee Corporate Products Services  
Powered by VerdaSee Solutions, Inc. | VerdaSee Navigator (TM)

Weapons Case 001

Serial 01  
Battery Level 5.36V  
Loc. 42, -88  
Temp. Hum. Alerts

Count	Expected	Alerts
8	8	MOTION!
Missing	1	Lid OPEN!
Extra	1	

Smart Cases Weapons (50) Bulk Pelican Corporate Products Services VerdaSee Corporate Products Services  
Powered by VerdaSee Solutions, Inc. | VerdaSee Navigator (TM)

# General Logistics View



The screenshot displays a web application interface for tracking logistics. On the left, a sidebar menu lists categories: "Smart Case - Bulk" (with a count of 2) containing "Bulk Case 001" and "Bulk Case 007"; and "Smart Case -Weapons (50)" (with a count of 1) containing "Weapons Case 001". The main content area is titled "Tracking Statistics" and shows a horizontal scrollable list of case types. The visible items are:

- Case Type: Weapons (50)** - Total: 1, Weapons: 8
- Case Type: Bulk** - Total: 2, Components: 1

At the bottom of the application, there is a navigation bar with links for "Smart Cases", "Weapons (50)", "Bulk", "Pelican", "Corporate", "Products", "Services", and "VerdaSee Corporate Products Services". A footer note states "Powered by VerdaSee Solutions, Inc. | VerdaSee Navigator (TM)".





# Real-Time Loading, Content & Status View



localhost:51396/case/

Search Submit UserA123

Smart Case - Bulk (2)  
Bulk Case 001  
Bulk Case 007

Smart Case -Weapons (50) (1)  
Weapons Case 001

**Weapons Case 001**

Serial 01  
Battery Level 5.36V  
Loc. 42, -88  
Temp. Hum.

Count	8
Expected	8
Missing	1
Extra	1

Alerts  
⚠ MOTION!  
⚠ Lid OPEN!

Manifest

- SN02020
- SN03030
- SN04040
- SN05050
- SN06060
- SN07070
- SN08080
- SN09090
- SN00000

Smart Cases Weapons (50) Bulk Pelican Corporate Products Services VerdaSee Corporate Products Services

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# Individual Asset View



localhost:51396/case/

Search Submit UserA123

Smart Case - Bulk (2)  
Bulk Case 001  
Bulk Case 007

Smart Case -Weapons (50) (1)  
Weapons Case 001

### Weapons Case 001

Serial 01  
Battery Level 5.36V  
Loc. 42, -88  
Temp. Hum.

Count	8
Expected	8
Missing	1
Extra	1

Alerts  
⚠ MOTION!  
⚠ Lid OPEN!

Manifest

- SN02020
- SN03030
- SN04040
- SN05050
- SN06060
- SN07070
- SN08080
- SN09090
- SN00000

Smart Cases Weapons (50) Bulk Pelican Corporate Products Services VerdaSee Corporate Products Services  
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# /Geo-Location ID with Contents & Security Alerts



localhost:51396/case/

Search Submit UserA123

Smart Case - Bulk (2)  
Bulk Case 001  
Bulk Case 007

Smart Case -Weapons (50) (1)  
Weapons Case 001

### Weapons Case 001

Serial 01  
Battery Level 5.36V  
Loc. 42, -88  
Temp. Hum.

Count	8
Expected	8
Missing	1
Extra	1

Alerts  
⚠ MOTION!  
⚠ Lid OPEN!

Manifest

- SN02020
- SN03030
- SN04040
- SN05050
- SN06060
- SN07070
- SN08080
- SN09090
- SN00000

Smart Cases Weapons (50) Bulk Pelican Corporate Products Services VerdaSee Corporate Products Services

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# Optimized Transport and Inventory Logistics



**Stackable for  
Inventory Management**

**Staged Individually for Transport**



# Limitless Breadth of Applications

*Weapons, Medical Kits, Critical Supplies, Optics, Replacement Parts, etc.*



# VITAL-Case™ is the “Best Fit” Solution



If **ANY** of your **Critical Decision Points** are **Driven by**:

- **Individual asset value** (monetary cost of damage or loss)
- **Individual asset importance** (intrinsic cost of damage or loss)
- **Cumulative asset value** (based on volume)
- **Cumulative asset importance** (based on availability)
- **Asset tracking speed** (volume and/or velocity of asset management)
- **Asset tracking accuracy** (cost of a misread or *missed* “read” – lost asset)
- **Asset tracking availability** (labor-intensive vs. 24/7 automated tracking)
- **Resource load and/or labor cost** (material handling, data entry, etc.)
- **Importance of maintaining kit/assembly integrity** (matched/required components)
- **Importance of expandable data capture capabilities** (user-defined)
- **Importance of real-time information** (24/7 status with configurable alarms)
- **Importance of cumulative ROI** (e.g., adaptive, reusable, reprogrammable)



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Partnering to provide *state-of-the-art* solutions  
for critical and complex asset transport and management challenges

# VITAL-Case™

VITAL-Case™ incorporates the following patents of VerdaSee Solutions, Inc.

7,011,214  
7,059,819  
7,714,708  
7,482,928  
8,068,023  
61/852,981



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