Sample Applications:

- Secure high value cargo like jewelry, pharmaceuticals and fuel against theft
- Prevent counterfeit goods substitution
- Guarantee ballot box security and integrity
- Track and monitor cargo
- Protect high-value goods being stored or warehoused
- Secure classified or sensitive documents and records
- Guard remote equipment and facilities

What’s locked in by the OpticalLock system is what is opened by the OpticalLock system – The patented optical signature is unique to each device and guarantees that the OPTi-100 has not been duplicated, modified or replaced, thereby authenticating the contents.

Feel confident that the data is secure – The OpticalLock system is designed with the highest level of security in mind with multiple secure layers, including AES-256 data encryption.

Track your shipments in route – An internal GPS sensor sends location data 24/7 that is tightly integrated with cloud-based mapping, allowing you to see your high-value goods every step of the way.

Put a fence around your goods – Geofencing allows you to put a protective barrier around a route, warehouse or yard. Crossing that line immediately sends an alarm. And deliveries that aren’t made on-time also send an alarm with our time-based geofencing.

Actionable intelligence gives you a head start in thwarting robbery attempts – Real-time, silent, wireless alarms will alert designated personnel to attempted breaches or tampering.

From snow covered plains to hot, searing deserts, we’ve got a lock on it – The OPTi-100 operates from -25°C (-13°F) to 60°C (140°F) allowing tracking and security in the harshest of environments. And our global cellular network spans over 180 countries.

OpticalLock's OPTi-100 combines the benefits of a

- Padlock
- Wireless Alarm
- Security Seal
- GPS Tracker
- and More!

OpticalLock.com
619.784.6685 | info@opticallock.com
OpticalLock’s® proprietary, fiber-optic, tamper-evident technology, combines with enhanced cybersecurity and AES-256 level encryption to provide you with absolute confidence that what’s locked and shipped or stored, is identical to what’s unlocked and delivered or retrieved.

**How it Works**

The OpticalLock System consists of multiple hardware and software components which form a powerful, synergistic tool to secure and verify the authenticity of high-value physical goods shipments, storage room contents and remote facilities.

- **OPTi-100**
  Shackles on like a typical padlock, detects tampering attempts and intrusions like a security seal, wirelessly sends alerts and alarms, uses GPS to track, map and fence, all while documenting its history every minute of every day.

- **OpticalLock Field User App**
  The secure App is available for download only to pre-authorized users. It acts as a bridge between the field user, the OPTi-100 and the cloud-based OpticalLock Management Software. The OpticalLock Field User Mobile App is used to identify and authenticate the OPTi-100’s unique fiber-optic signature. It also allows local control of tight geofences during temporary stops and breaks.

- **OpticalLock Management Software**
  This cyber-secure, cloud-based software system stores in a single place a complete profile of each lock and every user. History data includes every reported alarm or alert, along with each interaction with every lock and field user. Real-time, detailed maps track the path of OPTi-100-secured cargo while in transit. Data can be downloaded for reports and process improvements.

**What makes us special**

The OPTi-100 cannot be duplicated. The OpticalShield™ fiber-optic, tamper-detection technology requires each unique fiber-optic signature to be matched to the OPTi-100’s original signature recorded when manufactured. No two can ever be identical.

Unauthorized intrusions or tampering attempts immediately cause the OPTi-100 to launch a silent, wireless emergency alert message to designated personnel. This real-time, actionable intelligence gives you a head start in protecting an unattended storage room, a remote facility or a shipping container in-transit.

In addition to robust security and theft prevention, the OpticalLock System includes a cyber-secured, cloud-based tracking and management reporting system. All these components combine to provide you with absolute confidence in your storage and shipping integrity.