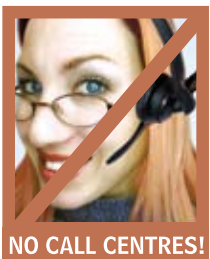


LG NAVIGATOR



The **LG Navigator** combines cellular & web technologies to allow remote management & online, real-time audit for all enrolled locks.



The LG Navigator represents a revolution in the security and management of automatic teller machines and "cash in transit" operations. This is the most advanced system of safe locking in the world for this function.

If the operator is granted access they connect their PDA to the safe lock via a cable and performs their duties. Simultaneously, in real-time, via the PDA, central management is aware of everything; who accessed the lock, when the lock was opened, how long it was open for and when it was closed.

The Navigator System provides complete security and complete accountability.

Here's how it works: You're managing a set of ATMs with Navigator safe locks at various locations. You have a team of operators on the road servicing those machines. Each of your operators has a PDA (personal digital assistant like a Palm Pilot) that links via GPRS and the internet to your central management system.

When the operator seeks to access an ATM, they log-on by entering security codes into their PDA and the central management system decides whether or not to grant access.

- No call centres!
- Web Based Locking System
- Remote Management
- Time Window Management
- One-Time Rolling Codes
- Audit Trail
- 128-bit Encryption
- Keyless System

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STANDARD FEATURES

- ⊕ Internal bolt sensor allows the bolt to be retracted only once per opening. The audit trail reports details of all openings & closings.
- ⊕ Polyfuse provides unique protection to the lock by protecting it against electric shock attacks.
- ⊕ Wrong try penalty means that attempting to guess the combination more than 4 times will render the lock inactive for a period of 5 minutes.
- ⊕ Environmentally tested from -10°C to 85°C.
- ⊕ All vital components are located within the lock body for maximum security.
- ⊕ Operates on a Duracell 9V alkaline battery which gives up to 2560 openings. Low battery level triggers an audible warning.
- ⊕ The lock will retain all settings when changing the battery.
- ⊕ The swing bolt version has a patented automatic locking mechanism which locks when safe handle is turned.
- ⊕ Can be retrofitted in place of all mechanical locks and other electronic locks.

PLUS SPECIAL LG NAVIGATOR FEATURES

- ⊕ Requires no call center.
- ⊕ The system produces a full, real-time, online audit trail. Cash management, people management and security management can be achieved with complete accuracy.
- ⊕ In areas where GPRS coverage is not available, such as underground bunkers, an offline opening can be performed.
- ⊕ Allows central management of a set of ATMs at various locations. This system gives ultimate control.
- ⊕ Users identification (username, password and pin), simplifies code management while enforcing system security. The central server issues a one time code automatically at the time opening. Each crew carries a PDA.
- ⊕ Allows multiple operators from different companies. The number of operators can be expanded and contracted as required.
- ⊕ The optional "Bank mode" allows the lock to also operate as our traditional safe lock, with a manager code controlling four other users.
- ⊕ Immediate external threats are averted by this system. For instance, if your operator is approached by an armed bandit their emergency button will alert central management and their access privileges can be withdrawn immediately. They simply won't be able to open the safe (because there is no combination to the safe they cannot be forcefully persuaded to open it).
- ⊕ Can be programmed for time delay. In this way, in a holdup situation the lock will only open after a pre-determined delay. This gives the criminal the option to wait (usually long enough for the authorities to arrive) or flee the scene without the contents of the safe.
- ⊕ A time delay override code can be programmed to allow immediate access for authorised users such as cash carriers.

- ⊕ Duress Alarm (also known as a silent alarm). If the safe operator is being asked to open the safe by a criminal he may trigger an alarm that alerts authorities without alerting the criminal (requires an alarm box and connection to an alarm system).

OPTIONS, VARIATIONS AND ACCESSORIES

- ⊕ Bank mode pad.
- ⊕ Available in deadbolt, swing bolt, spring bolt.
- ⊕ Extra large battery pack to extend to 25,000 openings
- ⊕ Redundant lock option.



Bank Mode

APPLICATIONS

- ⊕ Automatic teller machines (ATMs)
- ⊕ Cash in transit operations (CIT)



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FAQ

Do I need a call centre to dispatch codes? No, the PDA communicates directly to the server using GPRS mobile phone technology.

Is the system secure? Yes. All communication uses 128 bit encryption and the method of communication is GPRS digital cell format that is also encrypted.

Can I lock out a rogue system user? Yes, to do so just delete their access privileges from the server.

Is there a complete audit trail? Yes, all events within the system are recorded in the locks and also sent back to the server in real time for online auditing.

Do the locks get out of sync? No.

What happens if there is no GPRS cell coverage? There are off line and secure manual opening modes to allow for this.

Do I need a PDA for every user? No, PDAs can be shared however each individual user must be enrolled at the server and have their own user name, password and eight digit identification pin.

Is there a way to open locks without a PDA? Yes, but only if they are the optional BANK MODE type. These locks serve a dual purpose in that they can operate as GPRS style locks for CIT or use codes that are entered through a traditional key pad.

Can I delegate administration rights in the software? Yes, you can set up different user rights and groups to suit your requirements.

Is Navigator a rolling code system? Yes, every code generated by the server is different.

Do I need to record closing codes? No, they are automatically sent back to the server through the PDA after the lock has been closed.

Does the system allow for different user groups such as service and transport? Yes.

Can I have different contracting companies using the same server? Yes, you assign the locks and sites the contractor can see and use.



- Unparalleled flexibility & security
- Simple to use
- One - time code
- No limit to the number of vendors