



Web Key Solution

Comprised of a Web Key, Web Lock and Web Key Manager, this all-in-one package proves good things do come in threes.

The key to security

- Controlled access to designated components (security panels of auto-pay stations, cashboxes, gate columns, etc).
- Enhanced protection against theft and vandalism, as well as key and lock duplication.

The key to efficient administration

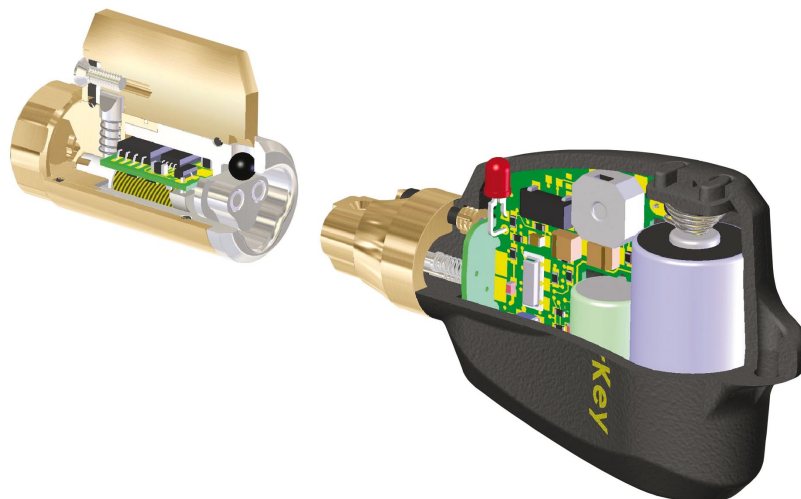
- Easy assignment and administration of user rights.
- Administration of all locks access permissions done centrally via a web-hosted database service.
- Time-based electronic permission management (including suspension/blocking).

The key to accurate monitoring and reporting

- Reports bring transparency to personalized key usage.
- Collected transaction data is uploaded to the database each time a Web Key is synchronized over the Internet.
- Allows you to keep track of cashbox handling.

The key to simple access

- Administrative access from any Internet terminal anywhere, anytime.
- Easy retrofit of mechanical lock cylinders to electro-mechanical secure Web locks.
- Dedicated permissions for each employee for locks and access times.



Properties

Web Key Manager

- Web-based software application
- Hosted service with regular function upgrades and extensions
- Redundant data back-up on high-availability servers
- On-line administration of user groups (assignment of permissions, transaction logs, etc.)
- Data synchronization over the Internet by means of mobile phone, PDA or notebook

Web Key

- Unique ID number that cannot be changed or duplicated
- List of up to 3900 access events: lock ID, date and time, and type of event
- The access schedules for that specific key
- Encrypted access codes that identify it as belonging to a particular system
- One key for up to 3,000 locks
- Infrared interface for data synchronization with Web Key Manager
- Freely definable use times (date/time)

Web Lock

- Unique ID number that cannot be changed or duplicated
- List of the most recent 1100 access events: key ID, date and time, and type of event
- Encrypted access codes that identify it as belonging to a particular system
- Retro-fits easily into any existing SKIDATA autopay station or gate column
- Power supplied by Web Key
- Mechanical security protection against drilling or other acts of vandalism

Communication between Web Key and Web Lock

- Battery in the key energizes the circuitry in the lock
- Lock and key exchange IDs
- Key checks that the lock ID is on its list of locks it may open
- Key checks that it is at the lock at an authorized day and time
- Lock and key compare access codes to verify they are from the same system
- Key gains permission to open the lock, and an **Authorized to open** event is time-stamped and stored in both lock and key
- Key is denied permission to open the lock, and a **Denied** event is time-stamped and stored in both lock and key

Communication between Web Key and Web Key Manager

Communicator - IR Encoder

- Infrared device that connects to a USB port
- Infrared connection between Web Key and Software

Communicator - Key Authorizer

- Allows programming and downloading keys from remote locations
- Authorizer connects back to the management software over the web

Technical Specifications

Web Key

Power Supply	- 3 V lithium Battery - Rechargeable battery (Option)
Interface	Infrared / Web Lock Interface

Web Lock

Operating temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Data encryption	128-Bit SSL
Memory size	Stores up to 1,100 access log entries

Web Key Manager

Internet Connection	min. 512 Kbits
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