



TRACcess®

Key Holding Devices

E-KEY® User Guide

Overview

The TRACcess® eKEY® application harnesses the power of a smartphone to open TRACcess locks & vaults. The app uses the phone's Bluetooth® signal to communicate with wireless TRACcess locking devices, and uses the phone's cellular connection to exchange data with the TRACcess Manager system.

Features

Manage Locks and Key Vaults

Authorised keyholders use the TRACcess eKEY app to control their locking devices from smartphones. All users can unlock a device, relock it if required, check who last used the lock or vault, and enter status via Job Note when leaving a site. Installation mode allows installers to open, test, and assign a device to a site.

Real-time Communications

Data uploads occur in real time via the smartphone's Internet connection. Alerts may be sent to up to 20 email addresses providing notification of site activity. Job notes and notification of leaving a site can also be entered. The eKEY app will continue operations and store up to 100 data records when the smartphone is out of cell range.

Secure Entry

Keyholders must hold an authorised key and know their PIN code to open a TRACcess locking device. Communications use AES 128-Bit encryption. Keys can be configured to expire automatically after a set time.

Operations

Getting Started

Keyholders download the free TRACcess eKEY application from the phone manufacturer's application shop. The TRACcess system administrator activates the subscription and authorises keyholder permissions so that operations can begin immediately.

Opening and Closing Wireless TRACcess Devices

Keyholders turn on the wireless TRACcess device, enter their PIN on the eKEY app, and select the operation needed, such as Open Device. Some TRACcess locks may be programmed to remain unlocked, so the keyholder will relock the door when they exit a site.

Installation Mode

Installers may access locks and vaults before the devices are assigned to a site. They select Site ID on the key to automatically assign the device serial number to TRACcess Manager. Installers use the key to release the shackle on devices that are installed with a shackle.



Standard Features

- Uses phone to open TRACcess® wireless locks and vaults
- Provides access even when cell coverage is not available
- Sends optional alerts when facilities are accessed
- Keyhold Authorisation managed centrally via a secure internet protocol
- Transmits activity data in real time when phone is in cell range
- Job Note and Leave Site data available
- Operates in English, French, Spanish, German, Portuguese and Italian languages



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Ordering and Activation

10103344P1 - Download the TRACcess eKEY application from your phone manufacturer's application shop. Contact your System Administrator to activate your subscription and for authorisation to open TRACcess locks and vaults. The TRACcess eKEY Licence, authorisation code and serial number is provided by your System Administrator when your subscription is activated.

Applications

Used by the key holders to gain access to remote & distributed sites. TRACcess is designed for remote site access control & key holding services:

- Technical service
- Intervention after alarm
- Overnight delivery
- Shared pick-up areas
- ATM-cash handling
- Emergency entry (fire departments, police,...)

Target markets for TRACcess:

- Telecommunication
- Utilities (water, gas, electricity,...)
- Transportation (railway, courier services, truck moving, port, airport)
- Guarding companies
- Money, transportation & banks
- Small businesses & retail
- Property management

Specifications

Communications

Range:	3 ft. (1m) for phone with Bluetooth signal; 2 ft. (0.75m) for phones with infrared signal.
	Between smartphone and TRACcess locking device: Bluetooth 4.0, encrypted with AES-128 Bit authorisation
	Between application and TRACcess Manager System database: SSL-secured channel (HTTPS)
	Transmits activity data to server in real-time whenever phone has cell coverage
	Does not need cell coverage at a site to open devices

Data

	Stores 100 activity records including Date, Time, and Locking Device ID when out of cell range
	Stores five (5) device reads and transmits data to TRACcess Manager System Database during eSync
	Reads name and phone number of previous three (3) people who opened locking device
	Job notes may be stored when keyholder exits a site

Compatibility

	Android™, BlackBerry®, and Apple® smartphones and tablets. See a list of TRACcess certified phones at www.suprasystems.com/traccess .
	All TRACcess wireless (Bluetooth) locks and key vaults
	Android, BlackBerry, and newer Apple products (iPhone models 4s and newer), communicate directly with the TRACcess BT Smart devices via Bluetooth 4.0 technology.

Security

Encryption:	128-Bit
Authorisation:	User permission is refreshed automatically through smartphone Internet connection. Authorisation is non-transferable.

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