



RAPID ACCESS

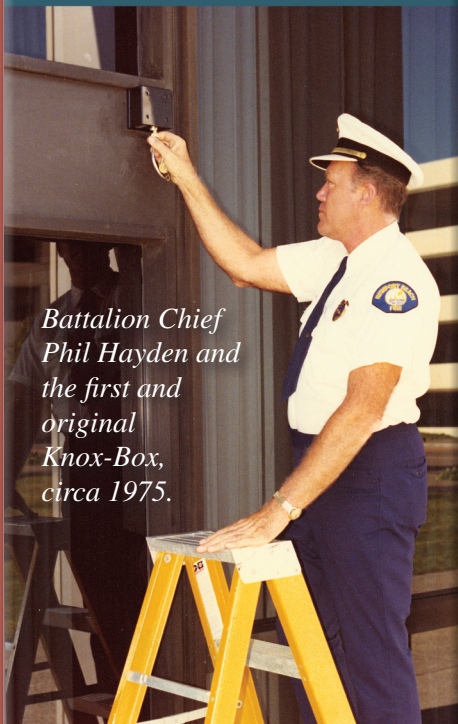
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In This Issue:

- Editorial 2
- Enhanced Narcotic Tracking 2
- The Meaning of "Listed" 4
- Contacts 6
- Knox News & Tips 7
- Knox-Vault™ 4100 Series 8



Battalion Chief Phil Hayden and the first and original Knox-Box, circa 1975.

Route To:

- Chiefs
- Fire Prevention
- Station Captains
- EMS
- Haz-Mat Team
- Other



Celebrating 35 Years of Service

NEWPORT BEACH, CA
PHOENIX, AZ

Thirty five years ago the Newport Beach Fire Department noticed that one topic seemed to be dominating their staff meetings. This one topic was access to locked properties. The four main issues they were facing were:

- 1 Locked gates and doors were slowing down the department's response time to fire and medical calls.
- 2 Many property owners had provided keys to their building but the department now found they had large key rings with numerous keys. It was nearly impossible to find the correct key quickly when responding to calls.
- 3 When the department did force entry, a building would be left with damage. All told the department had caused several thousand dollars of damage over a period of time.
- 4 After forcing entry, securing the property was very difficult and time consuming.

During their staff meetings, they brainstormed ways to address these issues. One idea was to use a realtor's key vault. This idea was discounted because a realtor's box isn't very secure and many other people would have access to the vault.

Fire Chief Leo Love and Battalion Chief Phil Hayden (both have since retired from

the department) shared their dilemma with a young mechanical engineer. This engineer attended several of their staff meetings to share his idea for a solution and to solicit the firefighters' input. As a result of these meetings, the Knox Company was formed and the Knox-Box® product was developed and introduced to the fire service.



Prior to the invention of the Knox-Box®, firefighters carried a ring of keys to facilitate emergency access.

When the Knox-Box was first introduced, there were no key box ordinances or any boxes that could provide high security storage required by the fire departments. Most departments were carrying a huge ring of building keys that were cumbersome and difficult to track.

Knox's first lock box product was introduced to the fire service in 1975. With its introduction, the issue of attack resistance was successfully addressed and KNOX-BOX became the industry's high security product of choice. In 1981,

EDITORIAL

In this New Year, there is a lot of uncertainty in the country. While we hear many reports that the economy is on the rebound, most departments are experiencing additional budget cuts. We realize many of you may not be able to travel to the national shows due to the economic downturn, so Knox has made a company decision to continue to exhibit at many of the state and regional shows. So even if you can't travel to one of the national shows, you should still be able to see Knox at a local show. On page 7, you will find a short listing of some of the upcoming shows where we will be exhibiting.

As Knox celebrates 35 years of service in 2010, we revisited the first department to adopt the Knox System and see how their program has grown over the years. Then we traveled to the other side of the country to visit a department that has implemented the new Knox MedVault Narcotics Locker into their current program.

Thank you for your support of the Knox System. We look forward to serving your department for years to come.

Cynthia Jones

JACKSONVILLE, FL Enhanced Narcotic Tracking and Accountability



Jacksonville Fire and Rescue has been in the EMS business since 1967. Like most departments, they have had an established narcotics control process in place for many years. Recently, they decided to enhance their process with the addition of the Knox MedVault Narcotics Locker.


"We are guided by Florida Statute 401 and Florida Administrative Code 64J as it relates to how we manage EMS, which also includes how we document and secure our narcotics," Division Chief Charles Moreland explained. The MedVault units



Charles E. Moreland serves as the Division Chief of Rescue.

Prior to installing the MedVault units, Chief Moreland had several meetings with his staff to review the new MedVault unit. "I had one shipped here to show them what would be forthcoming. Once the units arrived, we established a date we wanted the units on the 34 rescue units. Fortunately, we were upgrading our fleet and had 17 units sent directly to the apparatus manufacturer. They installed the Medvault units prior to our taking possession of the apparatus. The remaining units were installed by the department," explained Moreland.

All of the MedVault units came preprogrammed with the PINs provided by the department. (Knox will preprogram PINs for electronic products prior to shipping the units as a service to departments. Contact your local account manager for details.) Once all the MedVault units were installed, a more comprehensive orientation occurred. "We went through an orientation with the crews as they picked up the apparatus after installation; we explained how the unit worked, tested their individual PIN prior to the crew leaving the installation shop, answered any questions, and explained the additional layer of security is an enhanced degree of protection for everyone."

Jacksonville Fire & Rescue covers 841 square miles and serves a community of 850,000 residents. The department has more than 1,100 firefighters. 



were integrated into their current system to enhance their process by allowing all paramedics to have PIN access to the MedVault. "Although we still maintain a paper audit for entry into the safe, this added feature allows for an electronic capture of the individual who made entry, and it also discourages anyone from giving out their PIN for obvious reasons," explained Moreland.



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Celebrating 35 Years of Service

Continued from Front Page

NEWPORT BEACH, CA
PHOENIX, AZ

a section of the Uniform Fire Code mandating the use of rapid entry lock boxes was adopted and remains in use today.

The original Knox manufacturing plant was in a small garage. As the Knox-Box quickly became the industry standard, the Knox Company moved to a larger facility. Over the past 35 years, Knox has outgrown several facilities, each time necessitating another move. Today Knox is located in Phoenix, Arizona where all Knox-Box products are manufactured.

As for the Newport Beach Fire Department, their program has grown right along with the Knox Company. They require a Knox-Box for any new building that has either an alarm system or a fire sprinkler system. In addition, all access gates in the City are required to open by means of a Knox Key Switch. All their key switches are sub-mastered to allow police officers access to the gated communities and apartment complexes. They also have

a local code amendment that requires Knox-Box pre-plan cabinets for complex facilities.


In 1993, the department started a Knox-Box lending program for temporarily infirmed residents. The department maintains an inventory of Residential 1650's fitted with a temporary door hanger. The department also keeps a supply of padlocks that they loan out to contractors who need to install temporary fencing around construction projects.

More recently, the department put together a service kit for each engine and truck company – an idea they adapted from a department profiled in an article in this newsletter, *Rapid Access*. This kit contains a hard plastic mallet, dry lube and carburetor cleaner. All Knox-Box key boxes are serviced annually during the truck or engine company fire inspections.

As for those original Knox-Box key



boxes, most of them are still in use today.

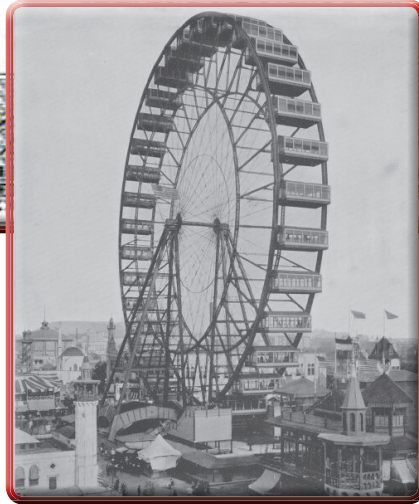
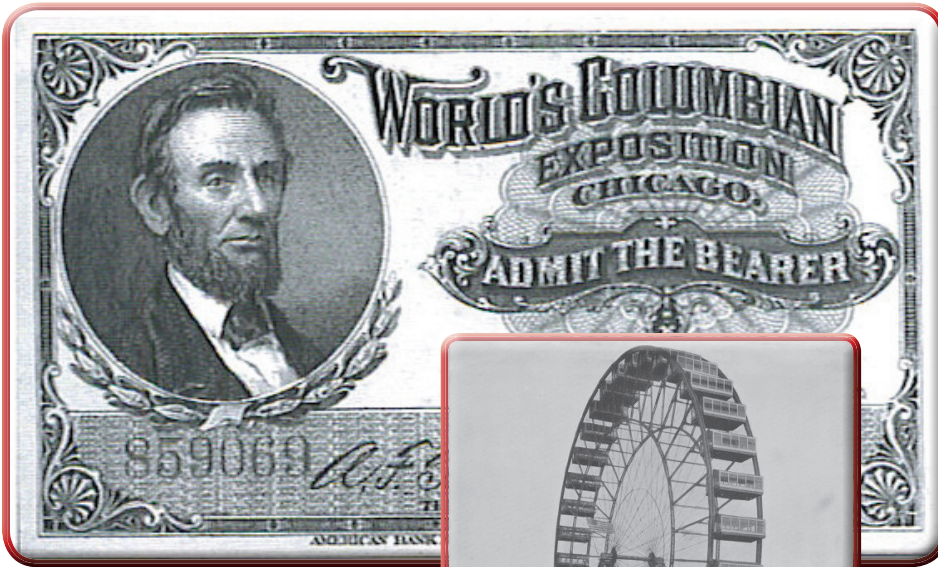
Thirty-five years after the first Knox System debuted; the demand for high security rapid entry continues to grow. Currently more than 10,500 fire departments, government agencies and military installations depend on Knox products and support services. 



The first Knox-Box® (shown at left above) was located in Newport Beach and was replaced compliments of the Knox Company in celebration of its 15th Anniversary. The original was bronzed and is now on display at at Knox corporate headquarters in Phoenix. The third photo shows the replacement Knox-Box currently in service at the same location, an early 3200 Series model.

Our sincerest thanks to Newport Beach Fire Department and over 10,500 departments worldwide for 35 years of success for the Knox-Box Rapid Entry System.

What does “Listed” mean anyway?



After his experience as an electrical inspector at the 1893 World's Fair, home of the world's first and largest Ferris wheel in history, William Henry Merrill took his skills to the next level and founded Underwriters Laboratories. The 1893 ferris wheel could carry 2,000 passengers and had over 3,000 lights. It remains unmatched in size to this day.



In 1893, to commemorate the 400th anniversary of the discovery of the New World by Christopher Columbus, organizers of the Chicago Worlds Fair temporarily changed the name to The World's Columbian Exposition. During its six month run over 27 million people attended the event. It was where the world was introduced to Cracker Jacks, the Ferris Wheel and the Hamburger. The most significant achievement of this world's fair is that it was the first time where Alternating Current (AC) was successfully used to light an area as large as a small town. Another lasting impact, were those of a little known Electrical Engineer, William Henry Merrill. After his experience as an electrical inspector hired to inspect the exhibits at the exposition, Merrill saw the need to take his skills to the next level. One year later he formed a new company, one that has grown in importance to the point that it impacts every American, every day; Underwriters Laboratories. Last year alone, 20 billion products manufactured by over 72,000 companies and used in every corner of the world, were shipped with the UL Mark. UL listed products run the spectrum, from sprinkler heads and Knox Key Boxes to Christmas lights and vending machines. UL even analyzes and certifies consumables like drinking water and meat/poultry equipment.

What does “Listed” mean?

In the context of fire protection and life safety, 'Listed' refers to products that have been tested and meet nationally recognized performance standards acceptable for project implementation. By code, these products are on a list published by an approved testing laboratory. While there are several good testing organizations, the two premiere testing labs in America are: Factory Mutual-FM and Underwriters Laboratory-UL. Factory Mutual, along with providing risk management and commercial insurance services, evaluates and approves products like glass flood barriers and combustible dust ignition control devices that support commercial property fire and disaster loss prevention. Federal regulations and OSHA recognize UL and FM as Nationally Recognized Testing Laboratories. If a product is listed by one of these two independent premiere testing laboratories, individuals, including fire and building officials, can rely on the product and with confidence allow it to be used in their jurisdiction.



The Code

At the 2009 International Code Council Code Development Hearings in Baltimore, The International Fire Code Committee approved a code change proposal that when adopted makes the use of UL listed key boxes mandatory. Similar language has been introduced to NFPA #1. The new IFC code proposal reads:

IFC 506.1 When required. “Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an accessible location. The key box shall be of an approved type listed in accordance with UL 1037 and shall contain keys to gain access as required by the code official.”

Knox is proud that all of products recommended for key storage are UL listed. What does that really mean? Is it really important? Do fire officials really care? Knox products are UL listed against physical attack, but there is more.

More than Pick, Pull, Pry.

All Knox key boxes and vaults are UL listed for resistance to physical attack. There are also additional UL listings that Knox products have been tested and certified to carry. Each one of them is important and adds value to the product. UL performs quarterly, unannounced inspections at the Knox Company headquarters and manufacturing facility to check listed products and ensure that they maintain total UL compliance. Official UL listing marks are placed on both the outside and inside of each box identifying the particular



listing. The UL listings that Knox products comply with are:


- UL 1037** Standard for Antitheft Alarms and Devices
- UL 437** Standard for Safety for Key Locks
- UL 1610** Standard for Central Station Alarms

UL 1037 Standard for Antitheft Alarms and Devices applies to the construction, performance, and operation of equipment intended to provide antitheft protection. All Knox key boxes and vaults are UL 1037 listed.

UL 437 Standard for Key Locks covers a generalized category of products which includes locking cylinders, security container locks and two-key locks.

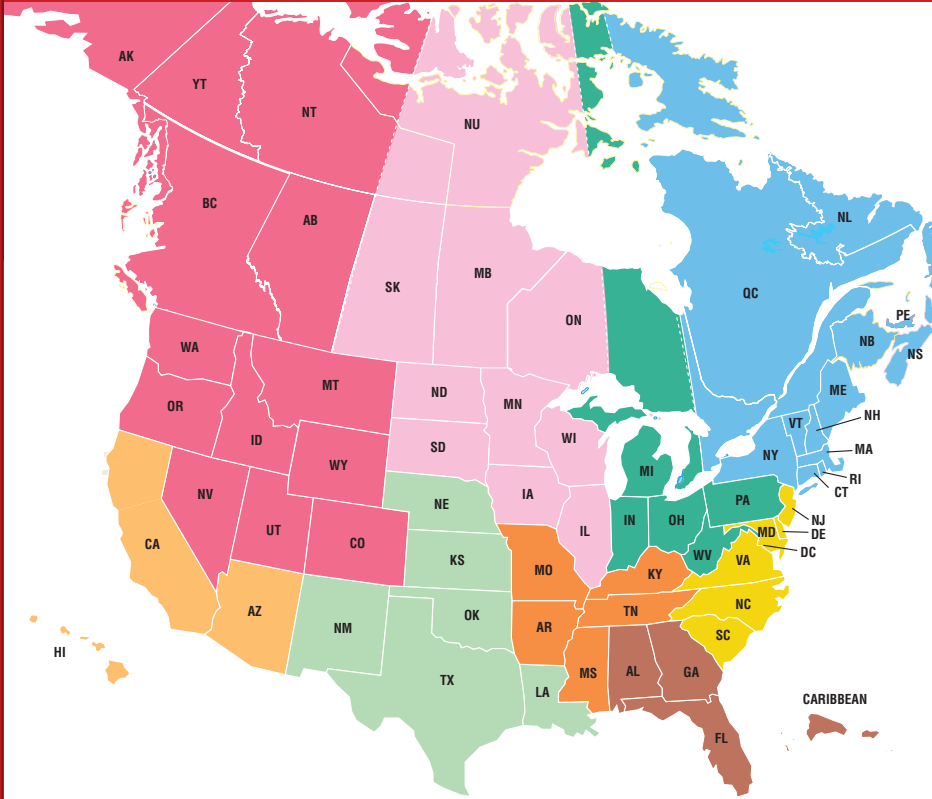
UL 1610 Standard for Central Station Alarms covers devices used in the monitoring and security of alarm systems. Additionally, any product that meets all the requirements of UL 1610, automatically comply with the stringent requirements of NFPA 70, The National Electrical Code (NEC).

If you look at a Knox-Box you will see two other designations on the UL decal. The first is a number; “Listed 23G3” and the second are the letters “CE”. The 23G3 is a proprietary designation number that identifies the label as an approved Knox Company product to UL. In the past, some companies have tried to simply affix a UL sticker on a product that has not been tested or in an attempt to imply that their box has been tested against attack, mislead consumers by advertising that they are UL listed, when all they have done is place a listed tamper switch inside the box. This number, “23G3” is a file number that says it is a Knox product and authentic. The “CE” that is on our UL label is the mark of the European Commission, the equivalent of UL in Europe. This is for the military and US diplomatic installations we support throughout Europe.

A UL listing can be the most important validation a commercial product ever receives. Along with FM, UL is universally accepted by fire marshals, building officials, and corporate loss prevention experts. The Knox Company works hard to develop products and is proud to be a 100% American-made manufacturing company that maintains this highly regarded UL rating on all of our products recommended for key storage. 



Knox Contacts



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Southeast

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SUPPORT CONTACTS

FIRE DEPARTMENT SUPPORT

This department provides customer service to fire departments.

**800-KNOX-BOX
(800-566-9269)**

ELECTRONIC SUPPORT

This department deals exclusively with technical questions regarding KeySecure®, Sentralok® and MedVault® units.

**866-KNOX-BOX
(866-566-9269)**

PROPERTY OWNER SUPPORT

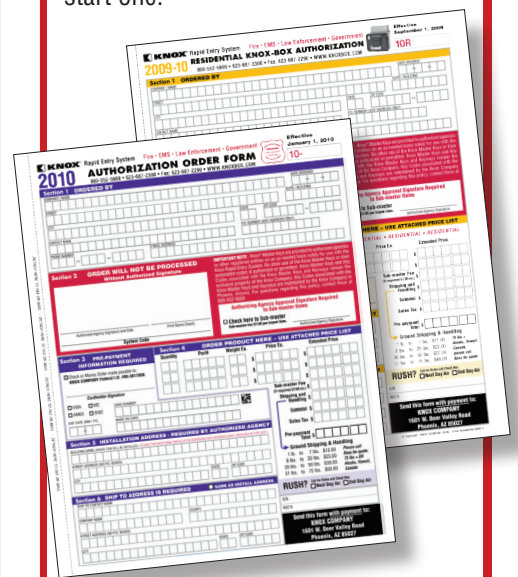
Property Owners & General Inquiries to Knox should be directed to our main number.

**800-552-KNOX
(800-552-5669)**

2010 Authorization Order Forms

A small supply of the 2010 Commercial and Residential Authorization Order Forms were sent out during the last quarter of 2009. We ask that all orders submitted to the Knox Company in 2010 be on the new form, otherwise, orders may be delayed.

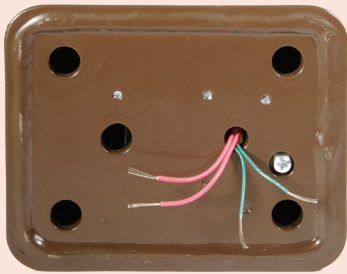
The 1650 Residential Knox-Box is **NOT** on the Commercial Authorization Order Form since Knox does not recommend this product for commercial applications. The 1650 Residential Order Form was designed to assist departments who have a residential program or wish to start one.



If you would like to order additional Commercial or Residential Authorization Order Forms, please call Knox at 800-552-5669.

Thanks for your help and cooperation!

Knox Tips



Rear-view of Knox-Box showing tamper switch wires.

Tamper Switch

As a reminder, the tamper switch should be wired to the building burglar alarm and not the fire alarm.

Property Owner E-mails

On the authorization order form, there is a place for the individual ordering the product to provide an e-mail address. If an e-mail address is provided, the property owner will receive an e-mail confirmation once their order ships.

Photo Requests

Knox often receives requests from departments wanting to use an image or link to the Knox website from their department's website. In most cases, this is possible. If you find an image you'd like to place on your website in support of your Knox Program, please send an e-mail to cweiss@knoxbox.com. In the e-mail provide your department name and contact information as well as what image you'd like to use. While we're not able to design your website, we're more than happy to provide suggestions and images for your use.



KNOX NEWS

2010 Tradeshow Schedule

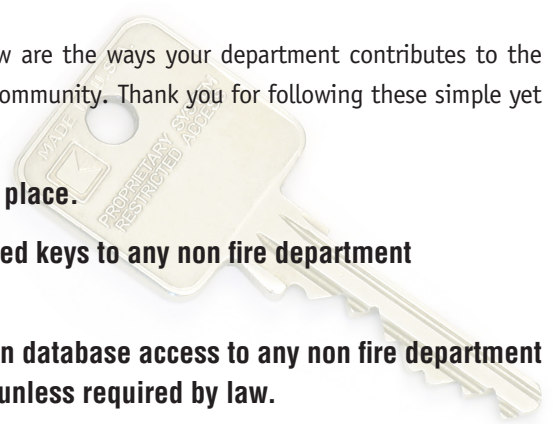
Show	Location	Dates
CO ICC	Denver, CO	March 1-3
Firehouse World	San Diego, CA	March 1-4
EMS Today	Baltimore, MD	March 5-6
Campus Fire Forum	Columbus, OH	March 7-9
CA Fire Prevention Institute (CFPI)	Santa Ynez Valley, CA	March 17
GovSec	Washington, DC	March 23-24
Louisiana Fire Chiefs	Opelousas, LA	April 8-10
GA Fire Chiefs	St Simons Island, GA	April 11-14
Oregon Fire Chiefs	Redmond, OR	April 13-14
SC EMS Symposium	Myrtle Beach, SC	April 14-17
Saskatchewan Fire Chiefs	Regina, SK	April 15 -17
FDIC	Indianapolis, IN	April 19-24

The Key to a Secure System

Knox System security is always important. Protecting the Knox® Master Key and documents listing installation addresses helps ensure that the Knox System is solely for the benefit of your department.

The four security steps listed below are the ways your department contributes to the security of the Knox program in your community. Thank you for following these simple yet important rules.

- 1. Keep all Knox keys in a secure place.**
- 2. Do not release the Knox provided keys to any non fire department or law enforcement personnel.**
- 3. Do not provide Knox installation database access to any non fire department or law enforcement personnel unless required by law.**
- 4. Notify Knox immediately of loss, theft or attempted duplication of any key.**



KNOX
Serving Fire Departments Since 1975

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Now Available from Knox 4100 Knox-Vault®

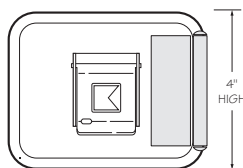
The 4100 Knox-Vault is the newest edition to the Knox Family of Rapid Entry Products. It was designed for those applications where a 3200 Series is too small yet the 4400 Series is too large. Available in both single and dual lock configurations as well as recess and surface mounted models; this vault also has an optional FDC Keywrench and access card holder allowing departments to keep a Knox keywrench on site. This new UL listed box joins our product line of long lasting durable products that fire departments can rely on. 



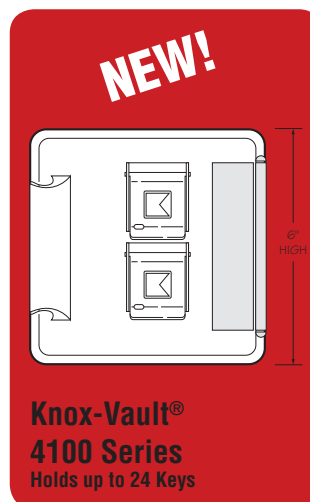
To learn more about the 4100 contact your local account manager or stop by the Knox booth at your next trade show.

Choose the right-sized
KNOX-BOX® key vault.

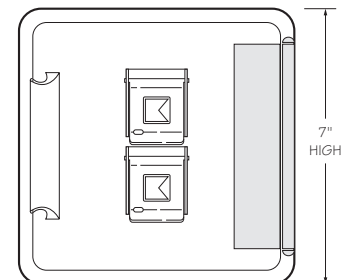
Introducing the
Knox-Vault® 4100 Series,
Now available for
mid-sized applications



Knox-Box®
3200 Series
Holds up to 10 Keys



Knox-Vault®
4100 Series
Holds up to 24 Keys



Knox-Vault®
4400 Series
Holds up to 50 Keys