



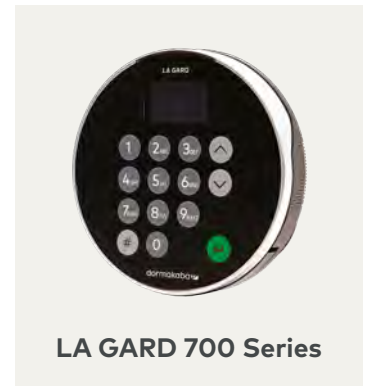
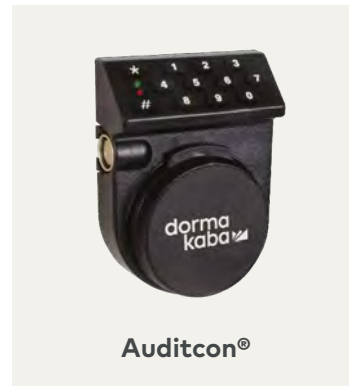
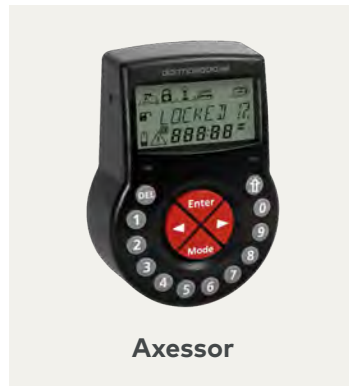
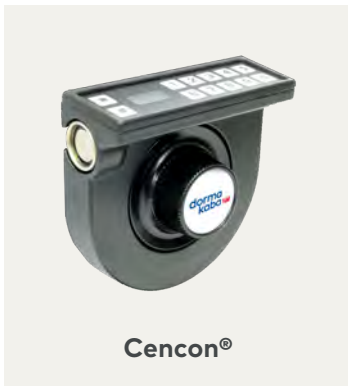
dormakaba Commercial Safe Locks Portfolio: ATM Solutions

August 2022

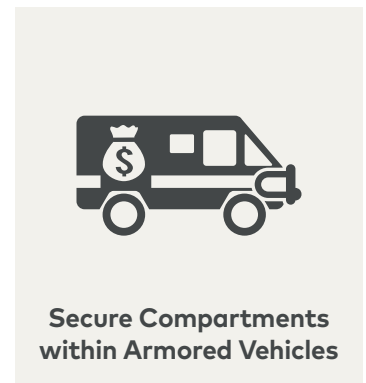
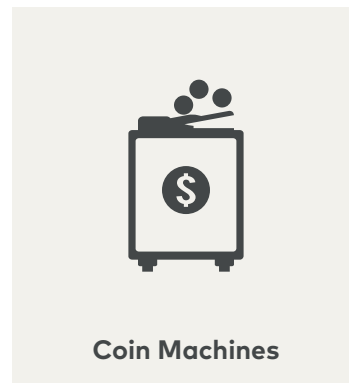
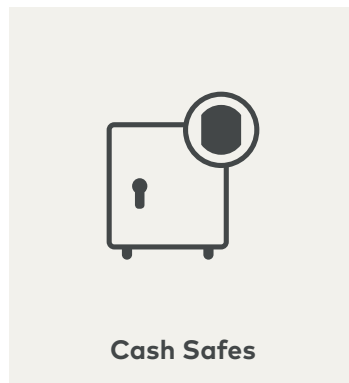
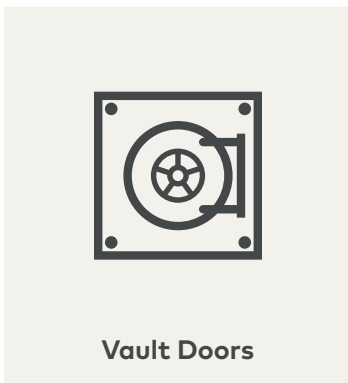
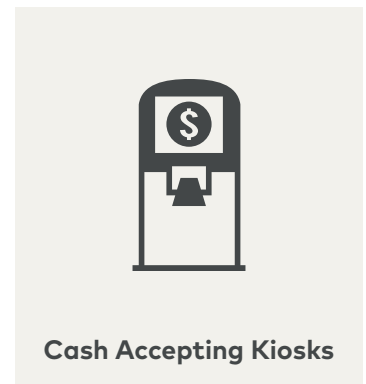
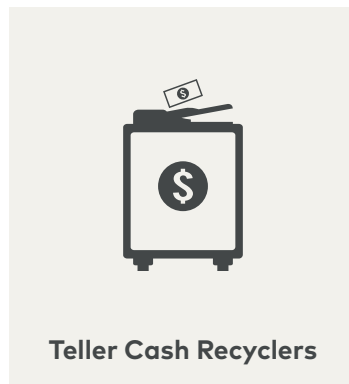
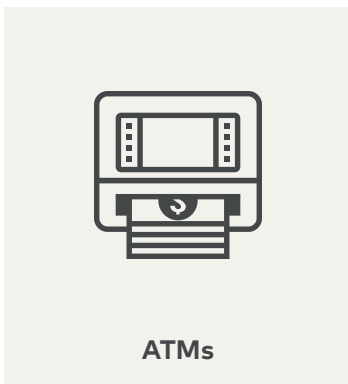
dormakaba 

ATM Systems

Overview



Applications



Auditcon® 2 Series

Features and Benefits

Improved Self-Powered Technology

Auditcon 2 Series Locks utilize a faster version of our PowerStar technology. This technology eliminates lockouts due to dead batteries or facility power failures.

Battery Assist

The Battery Assist option uses a 9-volt alkaline battery to supply power during Time Delay or Open Window operations.

The Battery Assist feature also provides additional power for lengthy lock operations.

Uploadable Programming

Certain data can be defined at the PC using Auditcon 2 Series software and then uploaded (transferred) to the lock via a Smart Key.

Access Control

Models 52 & T52 have a unique user-selected 6-digit combination. Models 252 and 552 have an 8-digit combination which includes a 2-digit user ID and a 6-digit user-selected PIN.

Audit Trail (252/552)

The user's ID is recorded every time a function is performed on the lock, deterring internal theft by providing absolute reliability.

Touch Key Number Pad

Perform all functions and programming of the lock from the keypad.

Wrong Try Lockout

Five consecutive wrong combination entries triggers a three minute penalty lockout.

Economical Retrofit

Simple and affordable retrofitting made possible by a standard footprint lock case.

Time Delay (T52/252/552)

Optionally programmed 1-99 minute time delay deters potential intruders not willing to risk the wait.

Time Delay Display (T52/252/552)

An optionally purchased LCD Unit prominently displays the time, informing the user when access will be granted.

Dual Custody

Optionally programmed access mode that provides absolute accountability by requiring the entry of two separate user combinations when opening the lock.

Silent Duress Alarm Connection (252/552)

Safely lets employees comply with intruder's demands while alerting authorities.

Time Saving Operation

Mechanical combination locks can take as much as 40 seconds or longer to open. Auditcon 2 Series locks can be opened in just a few seconds by an authorized user.

Choice of Bolt

The "swing bolt" automatically locks when the safe handle is closed. The standard "dead bolt" functions like a traditional dial lock with manual bolt retraction/extension.

Installation & Service

Installation and service have been simplified with the introduction of a new field-replaceable cable with Picoflex connector. Our Auditcon Parts Program will help you identify and order only the parts you need.

Customer Service

Our Technical Support Staff is available 8 am to 8 pm EST, Monday through Friday (with extended hours available by appointment), to assist you in resolving hardware or software related issues. Please call us at 1-888-950-4715.

Education

We take pride in providing regular training classes for our customers. Please call us at 1-877-522-2627 for more information.

Applications

Businesses that require multiple employee access, have several locations, absentee ownership or high employee turn-over, are ideal for Auditcon locks. Auditcon can secure safes, containers, vaults and restricted areas for:

- Restaurants
- Ticket box offices
- Convenience stores
- Grocery stores
- Department stores
- Drug stores
- Jewelry stores
- Banks & credit unions
- Hospitals
- Police stations
- Data processing centers
- Casinos

Available Models



Round 52/T52 & Vertical 52/T52



Round 252 & Vertical 252



Round 552 & Vertical 552

Keypad Housing Styles	Round/Vertical	Round/Vertical	Round/Vertical
Bolt Styles	Dead Bolt or Swing Bolt	Dead Bolt or Swing Bolt	Dead Bolt or Swing Bolt
Users	2 Users	20 Users	99 Users
Combination Length	6-Digit	8-Digit	8-Digit
Power Source	Self-Powered	Self-Powered	Self-Powered
Battery Assist	Optional (T52)	Optional	Required
Manager/Master Control	Yes (Master)	Yes (Master)	Yes (Master)
Supervisor/Subordinate Mode	No	Yes	Yes
Single/Dual Custody Access	Yes	Yes	Yes
Wrong Try Lockout	Yes	Yes	Yes
Time Delay/Open Window	1-99 Minute Delay (T52) 1-20 Minute Opening (T52)	1-99 Minute Delay 1-20 Minute Opening	1-99 Minute Delay 1-20 Minute Opening
Time Delay Override	No	Yes	Yes
Time Delay Display	Optional (T52)	Optional	Optional
Time and Date	No	No	Yes
Timed Lockout	No	No	Yes (1-255 Hours)
Time Windows	No	No	Yes
Time Window Lockout	No	No	Yes
Set Holidays	No	No	Yes
Uploadable Programming*	No	Yes	Yes
Downloadable Audit Trail*	No	100 Audits	400 Audits

*Requires optionally purchased Auditcon 2 Series Software Package

The 700 Series

Models 701-705

Top-Rated Security Across Industries

The LA GARD 700 Series is ideal for commercial industries (financial, legal, pharmaceutical, retail), vault storage, government (HSL and law enforcement), and residential/personal. With five models to choose from, the series offers a range of features and options to fit almost any safe lock need.



	Model 701 2 User Lock	Model 702 Multi-user lock standard keypad	Model 703 Multi-user, 2-lock system, display	Model 704 Multi-user, 5-lock system, display	Model 705 Multi-user, 5-lock system, display
OLED Display Keypad	No	No	Yes	Yes	Yes
Compatible Lock Types	Swing/Dead/Spring	Swing/Dead/Spring	Swing/Dead/Spring	Swing/Dead/Spring	Swing/Dead/Spring
# of Users	1 Master/ 1 Manager/1 User	1 Master/ 1 Manager/28 Users	1 Master/ 1 Manager/28 Users	1 Master/ 2 Managers/47 Users	1 Master/ 2 Managers/97 Users
# of Locks	1	1	2	5	5
Dual-User Mode	No	Yes	Yes	Yes	Yes
Dual-User Mode Override	No	Yes	Yes	2 Users	2 Users
Reset Function	Yes	Yes	Yes	Yes	Yes
Time Delay	No	0-99min	0-99min	0-99min	0-99min
Confirmation Window	No	1-60min	1-60min	1-60min	1-60min
Time Delay Override (TDO)	No	Yes	Yes	Yes	Yes
TDO with BLE Key Fob	No	No	No	No	Yes
Programmable at Keypad	Yes	Yes	Yes	Yes	Yes
Programmable by PC	No	Yes	Yes	Yes	Yes
Audit Events	No	500	500	2000	6000
Viewable Audit Trail	No	No	Yes	Yes	Yes
Downloadable Audit Trail	No	Yes	Yes	Yes	Yes
Duress Alarm	No	Yes	Yes	Yes	Yes
Combination Length	11 (2id + 6-9)	11 (2id + 6-9)	11 (2id + 6-9)	11 (2id + 6-9)	11 (2id + 6-9)
Back Lit Keypad	No	Yes	Yes	Yes	Yes
Bolt Switch Option*	No	Yes	Yes	Yes	Yes
Wrong Try Penalty	Yes	Yes	Yes	Yes	Yes
Battery Power	2 x 9V	2 x 9V	2 x 9V	2 x 9V	2 x 9V
Low-Profile Option	No	Yes	Yes	Yes	No
AC Power Option*	Yes	Yes	Yes	Yes	Yes
VdS 2396 – Class 2	Yes	Yes	Yes	Yes	Yes
UL 2058 – UL Type 1	Yes	Yes	Yes	Yes	Yes
EN1300 – Level B	Yes	Yes	Yes	Yes	Yes
SBSC – 3880:2015	Yes	Yes	Yes	Yes	Yes
CNPP a2p – Level B/E	Yes	Yes	Yes	Yes	Yes
Time Lock Schedule	No	No	No	Yes	Yes
Dual Credential	No	No	No	No	Yes
Warranty	2yr from DoM	2yr from DoM	2yr from DoM	2yr from DoM	2yr from DoM
Updatable Firmware	Yes	Yes	Yes	Yes	Yes

Cencon®

ATM Cash Vault Security System

The Challenge

The unique challenge of securing ATM cash vaults characteristically requires shared access among several companies. This typically consists of the parties responsible for replenishing cash and pulling deposits, as well as those providing 1st or 2nd line maintenance. Additionally, for ATMs located at the bank as opposed to off-premises, branch employees may require entry to the vault during certain hours. Some companies may still have their service personnel access the ATM vault by sharing the same lock combination. Bank employees, cash replenishers, technical service reps, repair personnel all know the one combination that opens an ATM safe typically holding tens of thousands of dollars in cash!

This type of archaic locking method with no accountability or access control equals serious temptation even for the most honest of employees.

The Solution

The Cencon ATM Cash Vault Security System from dormakaba was designed to combat insider theft from ATMs through the combined use of lock hardware, systems software, and Smart Keys. Cencon offers total access control and accountability with its One Time Combination (OTC) feature. The OTC is dispatched from the software and can only be used by that particular key for that lock's next opening, thus eliminating temptation. Unique software allows you to control and monitor tens, hundreds, even thousands of locks and users located anywhere in the world — from one central location. Cencon is the leading cost-effective solution for today's most serious security challenges.



Dead Bolt

Swing Bolt

Dual Token Access Control

A user needs both a combination and a Smart Key to access the lock.

One Time Combination

A One Time Combination (OTC) is dispatched each time access is required to open a Cencon lock in either of the OTC modes (FLM or Route mode).

Smart Key

Encrypted electronic keys are used as personal identifiers to open a lock (blue F, yellow R, green B), log in to the software (black D, S, SS), or as a device to activate or audit a lock (red SA).

Close Seal

The close seal acts as an electronic signature, stamping the date and time in the lock and key's memory and allowing the software to remotely know the lock status in the two OTC modes.

3 Alarm Compatible

Each Cencon comes standard with the capability to connect to an existing alarm system to (1) monitor the position of the lock bolt and (2) send a silent

duress signal by adding 10 to the combination when the user needs to open the lock at gunpoint. The lock also offers the optional shunt alarm (3) to deactivate the alarm when a correct combination and associated Smart Key are presented.

Audit Trail

The Cencon lock records all lock activity, a maximum of 1,000 events in some situations, and permits easy downloading of the information via a Smart Key for generating detailed audit reports.

Additional Security Options

Each group of lock or software access users can be configured with individual time window restrictions, including the dual-mode requirement to provide two-person integrity, or a software grouping method to prevent certain users from accessing certain locks.

Easy Retrofit

Cencon locks have the same footprint as conventional mechanical combination locks, making the retrofit process simple and inexpensive.

PowerStar® Technology

Use of an internal generator creates all the necessary power for the lock. No batteries or external wiring are required to operate the lock. Optional line power available if using Cencon O2

User Friendly Software

Cencon software allows access control to all containers with no special wiring. The minimum requirements of Microsoft® SQL Server interface and Windows® OS (at least Windows® 7 or higher operating system), make it simple to install and use on a stand-alone PC, a local area network (LAN) or wide area network (WAN).

Technical Support

Our Technical Support Staff is available 8 am to 8 pm EST, Monday through Friday (with extended hours available by appointment), to assist you in resolving hardware or software related issues. Please call us at 1-888-950-4715.



Cencon® Innovations: Shared Access

Cencon locks can operate individually or in any combination of these three modes — one for the First Line Maintenance personnel (FLM Mode), one for cash replenisher or armored service (Route Mode), and one for bank branch employees (Bank Mode). Each mode addresses the individual access needs for each category of user.

FLM MODE

Key + OTC
(One Time Combination)
Use Cencon 5 Software
(CenTran optional)



ROUTE MODE

Key + OTC
(One Time Combination)
Use Cencon 5 Software
(CenTran optional)



BANK MODE

Key + RAC
(Repeatable Access Code)
Use Cencon 5 Software



Designed for First Line Maintenance personnel, the FLM mode of the Cencon lock permits the dispatch center to give an OTC to a technician "on the fly." FLM personnel are issued a blue Smart Key, then call their dispatch center to request an OTC. Once used, this combination will not function again, thus insuring absolute access control. Once the Cencon unit is locked, a close seal code is displayed on the lock's LCD and, when entered into the dispatch center's computer, assures that the Cencon is locked and secure.

While permitting the same access control as FLM Mode, Route Mode additionally allows pre-defined routes for armored cash replenishers. Route personnel are each issued a yellow Smart Key. A route of locks may be assigned, permitting route personnel to access a series of locks without contacting their dispatch center between each opening. Route personnel can either call their dispatch center at the end of the shift to report the close seals, or the close seals can be read from the key by the Cencon software.

Bank Mode is designed for bank personnel who may need access to the Cencon lock but do not wish to operate through a dispatch center. Green Smart Keys and combinations are issued to bank personnel who may unlock the Cencon lock at any time within that user's access schedule. An internal audit trail tracks all activity of bank personnel just as it does for FLM and Route personnel. Kaba Mas Cencon 5 software permits bank administrators to manage Bank Mode on site. Bank users may be added or deleted and audit trails may be downloaded from the lock.

Cencon®

Dead Bolt Specifications



Product Specifications

Access Control

- User Authentication: Combination + Smart Key
- Operating Modes: Three Modes (FLM, Route and Bank)
- Single or Dual User Access: For any of the three modes
- Factory (Shelved) Mode: 50-25-50 or changeable by user
- One Time Combination: For FLM & Route Mode
- User-Defined Combinations: For Bank Mode users
- Wrong Combo Penalty: After five incorrect attempts
- Central Control: With Cencon 5 software

Audit Trail:

- Lock: Can achieve more than 1,000 events
- Key: Up to 32 events
- Software: Unlimited events
- Time Windows: by User Optional
- Time Delay: 1-99 minutes, Bank mode only
- Number of Users: Unlimited for FLM & Route mode, 100 per lock for Bank mode

Alarm Interface

- Silent Duress Alarm: Standard – combination +10
- Bolt Status: Standard
- Alarm Shunt: Optional

Agency Approvals/Certificates

- U.L. – Type 1 (USA)
- U.L.C. – Type 1 (Canada)
- VdS – Class 2 (Germany)
- ECB•S/EN1300 – Class B (Europe)
- A2P / CNPP – Class B/E (France)
- SBSC – High Security (Sweden)

Electrical Specifications

- Power: PowerStar Technology
Self-generated with internal generator
- Alarm Interface: Optional 9-pin din, three NO/NC outputs
- Door Contact: 4-pin connector to hook up door contact switch, remote disable
- Serial Communications: Port 10-pin serial port allows for remote operations directly connected to a Cencon PC (audit, activate, shelve, etc.). Option to connect to ATM PC via Interconnect Box available January 2014
- Smart Key: 1K-bit to 64K-bit read-write memory, some with timeclock, multi-stage encrypted, internal 10-year lithium battery, mounted in a stainless steel case

Mechanical Specifications

Input Unit

- Keypad: 12-button sealed with tactile feedback
- Key Reader: Accepts Cencon Smart Keys
- Display: 3-character LCD (with audible beep)

Lock Case

- Dead bolt is mounted directly behind the keypad
- Dead bolt die cast
- Bolt with three thread options (see price book)
- Bolt travel: 8.7 mm

Cencon KD (Keypad Down) Dial & Keypad

4.78" H x 3.95" W x 1.38" D

Lock Case:
2.40" H x 3.35" W x 1.22" D



Cencon KU (Keypad Up) Dial & Keypad

3.79" H x 3.83" W x 1.38" D

Lock Case:
2.40" H x 3.35" W x 1.22" D



Swing Bolt Specifications



Product Specifications

Access Control

- User Authentication: Combination + Smart Key
- Operating Modes: Three Modes (FLM, Route and Bank)
- Single or Dual User Access: For any of the three modes
- Factory (Shelved) Mode: 50-25-50 or changeable by user
- One Time Combination: For FLM & Route Mode
- User-Defined Combinations: For Bank Mode users
- Wrong Combo Penalty: After five incorrect attempts
- Central Control: With Cencon 5 software

Audit Trail

- Lock: Can achieve more than 1,000 events
- Key: Up to 32 events
- Software: Unlimited events
- Time Windows by User: Optional
- Time Delay: 1-99 minutes, Bank mode only
- Number of Users: Unlimited for FLM & Route mode, 100 per lock for Bank mode

Alarm Interface (Requires Interconnect Box)

- Silent Duress Alarm: Combination +10
- Bolt Status
- Alarm Shunt

Agency Approvals/Certificates

- U.L. – Type 1 (USA)
- U.L.C. – Type 1 (Canada)
- VdS – Class 2 (Germany)
- ECB•S/EN1300 – Class B (Europe)
- A2P / CNPP – Class B/E (France)
- SBSC – High Security (Sweden)

Electrical Specifications

- Power: PowerStar Technology
Self-generated with internal generator
- Alarm Interface: Optional 9-pin din, three NO/NC outputs (Requires Interconnect Box)
- Door Contact: 4-pin connector to hook up door contact switch, remote disable (Requires Interconnect Box)
- USB Communications Port: Located in Interconnect Box, USB port allows for remote operations directly connected to an ATM PC (Requires Interconnect Box)
- Smart Key: 1K-bit to 64K-bit read-write memory, some with time-clock, multi-stage encrypted, internal 10-year lithium battery, mounted in a stainless steel case

Mechanical Specifications

Input Unit

- Keypad: 12-button sealed with tactile feedback
- Key Reader: Accepts Cencon Smart Keys
- Display: 3-character LCD (with audible beep)

Lock Case

- Swing bolt offers versatility in mounting location and orientation
- Swing bolt die cast
- Bolt travel: into lock case

Keypad Dimensions

- 5.14" H X 3.83" W x 1.43" D

Lock Dimensions

- 2.40" H X 3.33" W x 0.91" D

Interconnect Box Dimensions

- 4.40" H X 2.40" W x 0.67" D



Software Options for Cencon® Locks

CenTran 5 Software

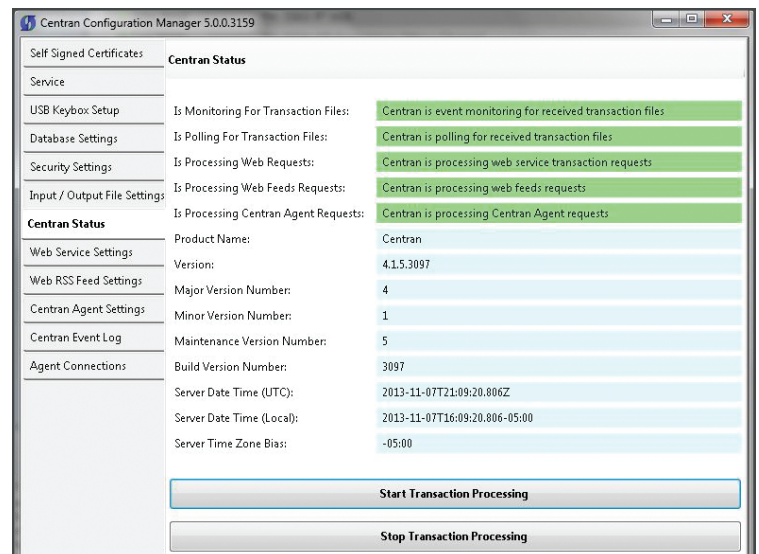
With the introduction of CenTran 5, several landmark changes have occurred, the most important of which is that CenTran now runs in the background as a Windows service! This allows for improved server stability and database integrity. If a server is reset, then CenTran will automatically restart without manual intervention. The networked CenTran Agent Software and CenTran Web Service enable real-time monitoring of access to the lock. It also takes care of close seal reporting for closing out locks automatically.

With CenTran 5, the web service implementation for CenTran has been added, matching the XML file transactions. This web service implementation supports HTTPS operations for REST and SOAP protocol web service calls. It also supports local named pipe communications. The web service authenticates users based off of either user name/ password or Windows authentication.

The setup of the CenTran web service is done primarily by editing the CenTran configuration file. The configuration file defines the web service endpoints and settings to be used by CenTran. Setup of self-signed security certificates for CenTran is supported by the CenTran Configuration Manager; however, use of a certificate authority server is recommended.

CenTran Configuration Manager

The CenTran Configuration Manager is installed with the CenTran service to facilitate installing, starting, stopping, and uninstalling the CenTran service. It is used to assist you in managing the CenTran service, where CenTran no longer has a direct user interface.



CenTran 5 Configuration Manager

