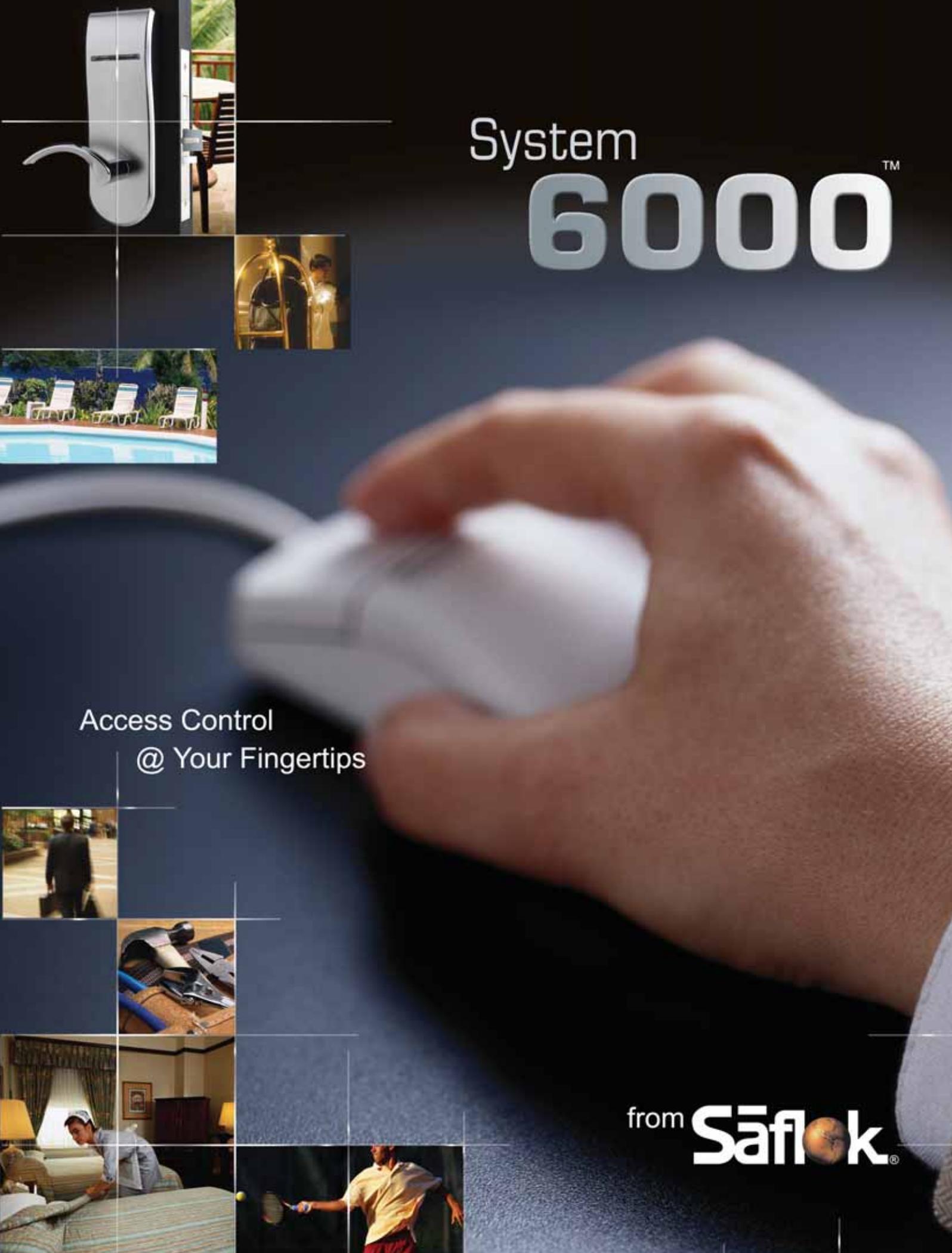# System
6000 ™

Access Control
@ Your Fingertips

from **Sāflok.**®

System 6000™

Delivering Tomorrow's Security Solutions Today

Network Compatible Software

The SAFLOK System 6000 software installs on a Windows PC. SAFLOK does not provide separate client/server software. When installing on a PC, properties will simply designate whether the machine will serve as a client or a server and then follow the designated prompts. A client workstation must be running either Windows 98 Second Edition, NT, 2000 Professional or XP operating system; a SAFLOK server must be a desktop, tower or rack mount server running Windows NT 4.0 or 2000, XP or 2003.

System 6000 uses the industry standard TCP/IP network protocol, allowing properties to plug into their existing Ethernet networks.

Additional property network and equipment requirements and recommendations can be referenced on the SAFLOK System 6000 Property Network Diagram document included with the Property Installation Kit.

Only one solution provides the security of an access audit system, the ultimate in key management flexibility and superior control throughout your property – SAFLOK's System 6000™. The Microsoft Windows-based system is ready to interface with existing property management systems (PMS).

System 6000 provides several options that enable individual properties to have a completely customized system.

SAFLOK has set the standard for quality electronic locks and access management systems. Building on our history, we are committed to continually improving our existing lock systems and developing new product innovations so properties can achieve increased security, greater efficiency, added flexibility and higher levels of service.
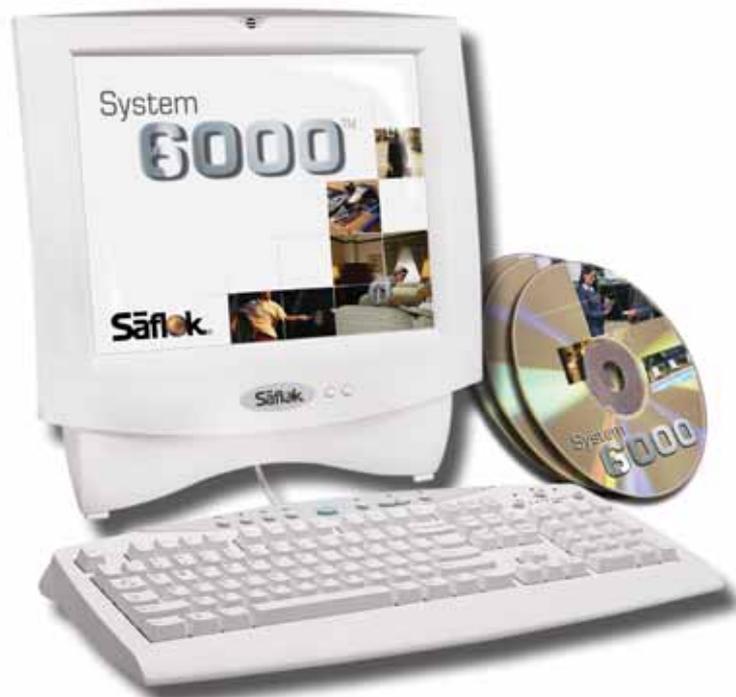
System 6000 Features

Variety of Encoding Equipment

SAFLOK offers several models of encoding equipment to match varying keycard capabilities. System 6000 supports any combination of Motorized Smart Card Encoder, Motorized Encoder, or Insertion Encoder. Properties may share any of these encoders on a network using TCP/IP, or connect them directly to a PC over a serial or USB connection.

Motorized Smart Card Encoder

The Motorized Smart Card Encoder is a motorized, three track encoder. It can be used to encode any combination of smart, magnetic stripe, or memory keycards.

Motorized Encoder

The Motorized Encoder looks and operates much the same as the Motorized Smart Card Encoder at a more economical cost. However, the main difference is that it will only encode magnetic stripe keycards.

Insertion Encoder

The Insertion Encoder is SAFLOK's newest encoder. It offers the sophistication, durability and capability of a high-end, smart card encoder at a fraction of the cost and size, and it easily encodes magnetic stripe, smart and memory keycards.

Auto Feed Encoder

The Auto Feed Encoder fits into a free standing lobby kiosk where guests conduct self check-in. It is sold as an OEM product to either kiosk manufacturers or to hospitality properties who want to install the Auto Feed Encoder into their own kiosk system. It is a customized, proprietary system that is programmed for keycard encoding based on the property or kiosk manufacturer's specification.

Variable Keys

Variable keys are encoded on memory chips only. These keys are created when access to more than one room is needed. For example, a youth soccer team is staying at a hotel for a nearby tournament. The coach may need access to his and his players' rooms. Staff or contractors, on the other hand, may be given a variable key to restrict their access to only specified rooms. For added security, the memory chip records any attempts made to enter a room which as not been programmed for access.

Multi-technology encoders and locks accommodate magnetic stripe, memory and smart cards

Multi-technology (MT™) Capability

System 6000 works with SAFLOK's full line of MT locks and can encode any combination of magnetic stripe, memory and/or smart cards. Properties can mix and match the types of keycards used with the system, such as, using the inexpensive magnetic keys for guests, smart or memory cards for staff personnel and smaller-capacity memory cards for VIP guests or special groups.

Standard Keycard Features

SAFLOK's System 6000 includes all of the basic features desired from any key system, such as key expiration; staff keys that work only during specified shift hours and days of the week; guest room, suite and connector keys; a wide variety of staff keys; and emergency keys. As standard features, SAFLOK offers limited use keys, fail safe or backup keys, dual security keys and latching and unlatching keys.

Unlike some other lock brands, fail safe keys can automatically be issued without programming them into a guest room lock as they are issued. These fail safe keys also cancel out the previous guest key.

Key Identification, Verification and Interrogation

Magnetic stripe, memory and smart cards can be identified and verified at any SAFLOK encoder. Front desk or security personnel are individually authorized to interrogate different types of keys (such as guest keys or various levels of staff keys) to verify why they may no longer work as expected. Those authorized individuals do not need to know in advance which key they actually are verifying; System 6000 will identify the key, indicate the user (if possible) and show when the keycard expires. Additional information is also displayed, such as when the key was first made and its identification number. For memory or smart cards, users can generate key-use reports to track the locks in which they were used.

SAFLOK MT locks will log a use history on memory and smart cards any time they are used in a lock. System 6000 interrogates these keys using an encoder, and produces reports that detail up to 1,000 of the most recent uses, including each lock the keycard attempted to open, why the keycard was not allowed to open certain doors and which locks require battery changes or had privacy activated.

Point-of-Sale and Tracks I & II

System 6000 will write in an ISO/ABA format on Tracks I & II of a magnetic stripe keycard. This is the format used by most point-of-sale, security and other systems, and it allows the guest's keycard to be used like a charge card throughout a property. The information encoded on Tracks I & II can be customized according to each property's specifications. Some additional applications could include using the keycard in restaurants, stores, spas, vending machines or private garage facilities; time and attendance activities; and watchdog functions.

Handheld LPI (Lock Programmer/Interrogator)

The System 6000 comes equipped with a portable method for quick and accurate lock programming and interrogation, and keycard diagnostics with its Handheld LPI device and LPI Interface Probe.

The LPI Interface Probe connects on one end to the LPI device and on the other end to an interface board that is inserted into the room lock to communicate with it. Room locks are programmed one-by-one using the LPI Device and LPI Interface Probe immediately following installation. This provides the lock specific instructions on which keycards can access the lock.

Locks are interrogated if a breach of security has been detected. The interrogation will identify which keys were used in a specific lock. This function also is used to ensure the lock is operating properly. The LPI device is also used to diagnose why a keycard malfunctions in a lock. The LED diagnostic function will output an error code and corresponding text description of the problem, such as the deadbolt is thrown, allowing properties to easily resolve the problem.
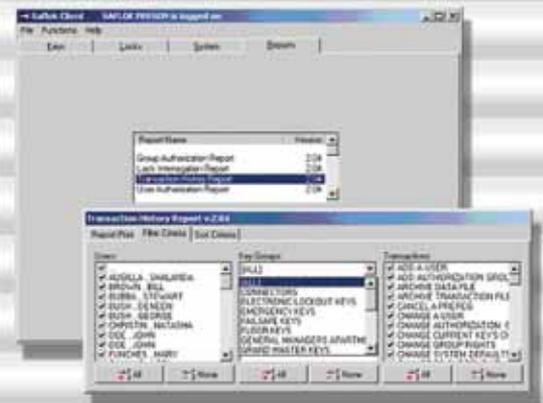
Cancel-a-Key-ID (Individual Key Control)

If an employee loses a key or leaves service, his/her key can be canceled out of locks without affecting or canceling other staff keys currently issued. To do so, staff generate a cancel-a-key-ID on the system and use it in the locks to eliminate just this key.

Extensive Reporting

SAFLOK has taken additional security measures with System 6000 by providing properties with an extensive reporting feature. User and Authorization, Transaction History, Lock and Key Interrogation are some of the reports easily created by System 6000. All of these reports may be viewed onscreen, saved to a file or printed.

Remote Key Encoding

With the remote key encoding feature, properties are able to provide guests the ultimate in convenience. This function eases check-in hassles by enabling keycard coding from a remote location. Guests can receive their room keys before they arrive at the property so they can avoid long check-in lines and more quickly enjoy their stay.

Guest Pre-registration

With System 6000, properties have the ability to create keycards for large groups of guests (conventions, weddings, etc.) weeks ahead of time. The new keycards will not work in their locks until the check-in time and will not affect any current or new guest keys until that time.

Language Options

SAFLOK's System 6000 is available in English, French, Spanish, Italian and Chinese language versions.

24/7/365 Tech Support & Remote Troubleshooting

SAFLOK is committed to providing the best customer service in the industry. We understand the critical need for our customers to obtain immediate technical assistance. That is why we provide 24-hour on-call technical service - seven days a week and 365 days a year.

SAFLOK technical support personnel can remotely log in and perform maintenance tasks on a property's computer system. This allows us to troubleshoot almost any computer hardware and software problem and answer any questions. SAFLOK can remotely run reports, input users, execute design changes, monitor PMS interfaces and initiate numerous other functions.

In addition, we have several parts and service centers located across the U.S., Europe and Asia. SAFLOK has also been one of the few companies to continue to provide parts and service support for discontinued products and systems.

Remote Diagnostic Capability for PMS Interface

The System 6000 PMS message-logging interface is totally software-driven, requiring no additional equipment. The connection between the SAFLOK server and the property management system can be accomplished via a serial connection or by using the TCP/IP network. The network option allows the PMS interface equipment to be placed in different locations (instead of within 25 feet of each other).

SAFLOK's exclusive PMS software enables the system to track and capture all interface message data being transmitted and received. This gives SAFLOK the ability to quickly diagnose and resolve questions about where an interfacing problem exists and what needs to be done to resolve it – often without the assistance of the PMS company. The message data can also be stored to a file for downloading and is accessible by SAFLOK technical support personnel using the remote access feature.

System 6000 Benefits and Options

Infrared Lock With Energy Management System Interface

Through partnerships with leading energy management companies, SAFLOK is taking advantage of the many capabilities of its infrared (IR) lock. The IR lock provides wireless communications to and from locks to form an online lock/energy management system combination that creates "smart rooms" — rooms that can automatically adjust heating or cooling temperatures and electricity usage as well as maintain high security.

An IR module in each lock and in each room communicates to a central computer and reports all keys used in the lock. Standard features include remote interrogation, online staff tracking and the ability to re-key the entire property with a new staff key.

Perimeter Access

To maximize perimeter security, all keycards can be programmed to provide perimeter access only to those employees and guests with valid keycards. This allows all perimeter doors to remain closed and locked during specific time periods, while enabling all valid hotel personnel and guests unrestricted access. SAFLOK even has an optional version of the lock that works with exit-device hardware for perimeter door areas.

Facility Access and Latch/Unlatch Capabilities

For added security, hotel keycards can be programmed to allow only select guests and staff access to specific areas of the property. This includes health clubs, swimming pools, continental breakfast rooms, concierge floors, garages and business centers. Twelve special access areas can be automatically assigned or individually selected when the guest keycard is encoded, permitting fully customized access. In addition, a lock can be programmed to automatically unlock and re-lock at specific times, allowing passage during select times without the use of a keycard (for meeting rooms, health club, office doors, etc.).

Elevator Readers

SAFLOK's optional elevator readers can be installed in each elevator in your hotel. This device allows certain floors to be accessed only by special guests with their encoded keycards. In addition, multi-channel elevator readers allow individual control of up to 12 different floors or groups of floors with one reader - so that only keycards with encoded access are allowed.

Note: SAFLOK customers who are upgrading to System 6000, but not simultaneously upgrading locks, should contact their sales representative to confirm features.

Simplified Staff Training

System 6000's graphical user interface (GUI) is menu-driven ensuring quick and easy training and operation for front desk staff and other personnel. The software uses point-and-click, tabs, buttons and other standard Windows-based functionality. System training covers seven primary functional areas: System Introduction and Components, Setting up Users and Authorizations, Making Keys, Programming Locks, Interrogating Locks, and System Reports.

Users choose from three convenient training options:

1) **On-site Training**--users attend a two-day, comprehensive classroom training on the property's premises lead by a SAFLOK instructor.

2) **In-house Training**--users travel to a designated SAFLOK training center for a two-day session.

New!

3) **Interactive CD**--users follow a step-by-step guide that is administered and followed at the user's own pace and discrepancy. This training is a very inexpensive alternative to on-site and in-house training. It allows users to absorb the material more comprehensively due to the self-paced and self-administered format. SAFLOK recommends that properties purchase copies of the CD regardless of participation in other training. The CD serves as a refresher course and as a training tool for new employees. To order, call 800.999.6213 or visit our online store at **www.saflok.com**.

Training Interactive Training CD-ROM