SimpleK® is *The Most Advanced Key Control Software*, *providing also a large set of features for* **Physical Security & Facility Management**

- Easily manage master key systems, keys, key rings, key holders, buildings, floors, doors, requests, work orders, floor plans (add-on modules: items, assets, rooms, public safety incident and daily reports);

- Provide total key control showing outstanding keys, overdue keys and rings (with automatic notifications), key symbols, bittings, keyways, etc.;

- Capability to include all your systems (*multiple key manufacturers supported*) and buildings in ONE database (*using professional SQL databases*);

- User-friendly and comprehensive interface with Tree View to explore data;

- Have true "know before you go" detail of every piece of hardware on a door, include the complete door hardware schedule and maintenance log;

- Create requests for maintenance or service and track maintenance history on any door;

- Floor plans with icons showing the location of every door, linking to complete door hardware information, associated keys and list of key holders. Easily locate any door (*direct link from door records and datagrid to diagram*);

- Automatic configurable key numbering (*by key or general for sequence numbers);*

- Core pinning calculator (*for many system types*);

- Master Key System Generator;

- Easily import master key systems, key distribution lists, buildings, doors and people with customizable MS Excel import templates;

- Connection with key cutting machines;

- Link photographs, signatures and documents of individuals holding keys, doors, buildings, door hardware, etc.;

- Network, multi-users with highly detailed access security configuration by users and groups (*permissions by systems, tables, fields, functions, etc.*);

- Manage deposits, fees & refunds;

- Manage and improve your key control workflow and processes;

- Use of devices like signature capture, barcode and RFID readers for efficient and paperless processes;

- Use *SyncSimpleK* to synchronize with your human resources or access control database;

- Compatible with Active Directory;

- Many configurable reports with printing and MS Excel export tools;

- Flexible, customizable and many configuration options (*adapt text labels to your terminology, customize the forms and templates, define your color labels, etc.*);

- Add-on modules are available to extend the software possibilities according to your needs (*Web Interface, Public Safety, Item Tracking, Room Management and Digital ID*);

- Developed by Prosystech inc., a company of professionals in software engineering, serving important business for 25 years;

- Technical support 24/7 (email, phone or web meeting);

- And much, much more!

SimpleK is a Unique, Fully Integrated Solution

SimpleK offers a scalable, flexible and fully integrated key management solution that can be used from basic stand alone to thousands of users. No other software on the market today offers such an advanced and complete solution.

SimpleK combines all software tools needed by locksmiths, facility managers, customer service, human resources, department managers, security officers and any other people involved in the key control processes.

Information Management

SimpleK relies on a strong relational database to manage all the information about: master key systems, keys, key duplicates, key rings, key holders, buildings, doors, rooms, door hardware, etc. All this information can then be shared across multiple users with permission restrictions. The database can also be interfaced with other databases or systems.

Advanced Locksmith Functions

SimpleK provides locksmiths with advanced functions to create master key systems, manage future expansion, do core pinning calculations, verify ghost keys, easily register core changes, etc. Thus, Locksmiths do not need to use multiple different software and try combining or synchronizing all their data; everything is done within SimpleK.

Processes & Workflow

To ensure data accuracy and reliability, SimpleK improves efficiency in all key management processes such as key requests, key issuances, deposits, key returns, refunds, core changes, door maintenance, investigations, etc. SimpleK is flexible and offers many configuration options to really fit with your field activities: it eliminates hassles and facilitates the workflow.

Web Interface

To easily share access to multiple users over your Intranet, SimpleK is the only advanced key management solution offering a Web Interface. Users connect with a web browser (i.e. they do not need the thick application installed on their workstation). They have restricted access according to their privileges, such as key requests, personal inventories, key management, etc. The credential is compatible with Active Directory.

Standard & Professional Editions

Designed for buildings to large complex facilities, SimpleK offers many types of solutions, in accordance with your particular needs and is offered in two editions:, *Standard and Professional*.

SimpleK Editions	Standard	Professional
Database Type	File / SQL	File / SQL
Max. Number of Users[1]	**3**	**Unlimited**
Number of users (*included with primary license*)	1	1
Additional users license	Optional	Optional
Max. Number of Records [2]	Unlimited	Unlimited
Reports, History & Forms	√	√
Security (Users & Groups)	√	√
Linked Documents (*Pictures, pdf, xls, doc, etc.*)	√	√
Import Templates	√	√
Diagrams (*Maps & Floor Plans*)	√	√
Door Hardware	√	√
Advanced Locksmith Functions (*Core Pinning Calculator, Master Key Generator, Core Change Wizard, etc.*)	√	√
Deposits & Refunds	-	√
Key Requests (*management of key requests*)	-	√
Wizards Std. (*Door Creation, Key Issuance, Key Ring Issuance, Core Change and Key Return*)	√	√
Wizards Pro. (*General Issuance and Key Delivery*)	-	√
Order Receipt (*import data from your key provider*)	-	√
Compatibility to signature capture devices	√	√
Compatibility to ITL key cutting machines	√	√
Compatibility to **Add-On Modules**	-	√

[1] Pro. & Std.: Primary license allows only one user, to increase number of users, additional licenses are required.

[2] The maximum number of records is not limited by SimpleK but depends on the maximum database size, according to the database type used (File, MS SQL or My SQL).

Add-On Modules

Benefit from a fully integrated, powerful and yet affordable solution! For more advanced features related to Key Control, Physical Security or Facility Management, we offer five add-on modules that can be added to the **Professional Edition**:

Item Tracking

Manage issuance of items like uniforms, phones, laptop computers, walky-talkies, vehicles, etc. Define your items (assets) by services, categories and models. Each service can be managed separately (assigning security permission levels). Be notified of overdue items. Moreover, all items issued to one person can be seen in a single report with keys and key rings. *Is compatible with the Web Interface Module.*

Public Safety

This Public Safety module includes visitor management and incident reporting tools. The incident reporting allows security officers to record information about daily events (*types of event, people involved, full event description, events chronology, linked documents, notifications, encrypted data, security permission levels, full history of modifications and follow-up, etc*). Includes also a daily report to log all daily events with time, type and description by officer and work shift.

Web Interface

Grant limited access to some specific tasks related to SimpleK, over your Intranet (locally hosted), by using only a web browser. For example, department managers may need to fill a form to submit key requests or verify status of existing requests. Another example, people from human resources may need to validate that a terminating employee has returned all his keys.

Digital Identification

Use RFID tags to identify your key rings, items and ID cards. When you issue a key ring or an item, you simply scan the RFID tag and holder's ID card with the reader. Automatically, the key ring's or item's record will pop and the holder's record will be linked. You can then get the holder's signature to complete the issuance process. This module currently works mainly with the technology of RFID, HID cards and barcodes but it can also be adapted to magnetic or smart cards.

Space & Rooms

Manage your rooms and space information (*perimeter, volume, capacity, etc*). Set room doors, occupants and equipments (assets). Instantly know who has access, if there are empty spaces, plan your space needs, run reports, etc. You can also quickly evaluate different measures about the rooms such as cleaning surface and the volume of ventilated air. Lower your occupancy cost with efficient space usage per square foot and increase your organization's profitability.
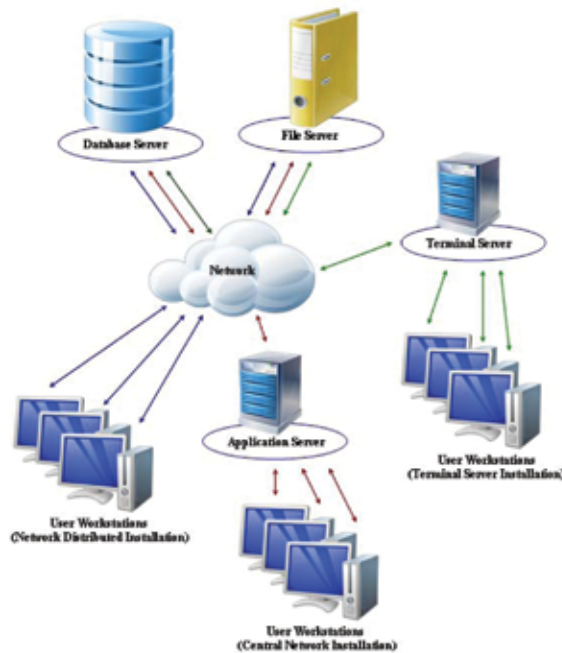
Flexible configuration options

For more efficiency and reliability, SimpleK offers different configuration patterns of distributed architecture.

The three main elements of SimpleK's configuration are: application (executable, DLL, log, etc), database (file type or SQL server) and linked documents (floor maps, pictures, signed forms, etc).

The configuration options consist of various alternatives depending where these three elements are located: *Central Network, Network Distributed and Terminal Server* installations.

Synchronize with your people database

With **SyncSimpleK** *(SimpleK Data Synchronization Service, included with the Professional Edition)* you can synchronize People information from a source database of any kind, like **Human Resources** database, with your SimpleK database (MS SQL format); for example, the employee list from human resources.

SyncSimpleK
Synchronization Tool

Also compatible with Active Directory!

Strong & Reliable Database

To fully integrate all the information in a well organized and optimal manner, SimpleK relies on a strong relational database, here is summary diagram:

Different database formats are available:

File Database :

- Designed for small databases and few users;
- Encrypted data;
- Not compatible with Add-on Modules;

MS SQL Database :

- Intended for larger databases with many users;
- Efficient network communication;
- Can use Windows Group to configure Access rights;
- Complete Management Tools;

MySQL Database :

- Intended for larger databases with many users;
- Can be installed on a many Operating Systems;

Licensing

SimpleK's licensing is concurrent use: licenses are based on the number of simultaneous users accessing the program. For example, in a three-user concurrent use license, when three users are logged on to the program, the fourth user is prohibited. When any one of the first three logs off, the next person can log on. This also means that the software can be installed on more computers than the number of licenses.

Paperless processes

SimpleK helps improve your key control processes in many ways with integrated forms, wizards, and by removing paper from signing documents (*e.g: key issuance agreement*). SimpleK is compatible with Topaz Systems electronic signature capture products, **allowing electronics handwritten signatures to be bound directly to digital documents**. It will generate detailed, time-stamped document history of the entire approval process.

Save time and money by replacing paper processes with electronic signature and document solutions!

Data importing tools

Migrating to a new management system always brings many concerns; a major one is: "Will we be able to collect our existing data and transfer it to the new system?" SimpleK offers many tools to do it easily, you can create your own customized MS Excel import template like Key List, People List, Duplicate Distribution List and Door Survey by selecting the fields you need. Prosystech inc. can also program a tailored import function to transfer directly from your existing database.
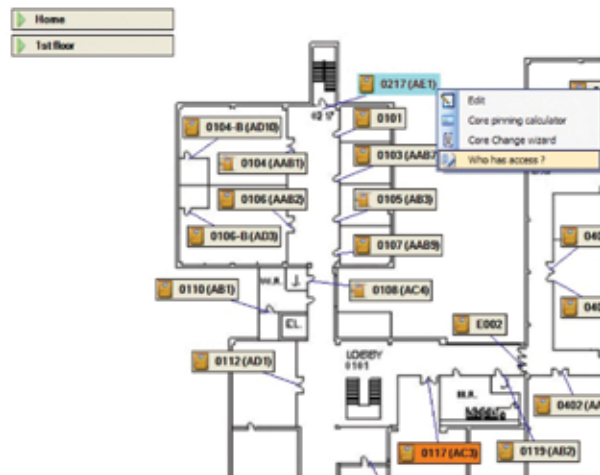
Import Tools

Easily migrate your existing data!

"A diagram is worth a thousand words"

What's better than a floor plan to quickly locate the specific door you were talking about! Well, an electronic diagram tool with search engine could even do it better.

SimpleK allows you to import maps and floors plans (*converted dwg to jpg, bmp or gif*) and add door icons to dynamically link it to your database. This way you can navigate quickly from your door datagrid to floor plan, click and access your complete door information with associated keys, hardware, core pinning, core change wizard, "Who has access", etc.

Locate the appropriate door in one single click!

Microsoft .NET Framework

The .NET Framework is a Microsoft technology that provides features and functions to programs running on Windows platforms. Applications that use the .NET Framework are able to exploit the latest features and technology, and are assured of being compatible with current and future versions of Windows.

SimpleK is developed using Microsoft .Net technology and requires ".NET Framework 2.0". Generally, the framework is automatically installed on Windows XP, Windows 2003 or later, Windows Vista or Windows 7.

System Requirements

User Workstation Minimum Requirements

Operating system	Windows Server 2003 or later, Windows XP Pro, Windows Vista, Windows 7
Processor	Intel Pentium 4 2.0 GHz or equivalent
RAM	1 GB
Hard drive	200 Mb of available hard-disk space
Display	VGA display with 1024x768 resolution or higher

Microsoft SQL Server 2005 Minimum Requirements[3]

Operating system	Windows Server 2000 or later, Windows XP Professional, Windows Vista
Processor	1.0 GHz Intel Pentium or equivalent processor
RAM	512 Mb
Hard drive	350 Mb of available hard-disk space for complete installation and database
Display	VGA display
Additional components	"Microsoft Internet Explorer v5.0", TCP/IP protocol support

MySQL on Windows (version 5.1) Minimum Requirements

Operating system	Windows Server 2000 or later, Windows XP Professional, Windows Vista
Hard drive	*Enough space on the hard drive to unpack, install, and create the databases in accordance with your requirements (generally a minimum of 200 megabytes is recommended.)*
Additional components	TCP/IP protocol support

File Server Recommended Requirements

Hard drive	(May vary greatly according to the facility size, number and type of shared documents, key issuance process, etc.) Minimum: 200 MB of available hard-disk space; Recommended: 1 GB of available hard-disk space.
Additional components	Backup utility software.

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[3] Based on "Microsoft SQL Server 2005" minimum system requirements.

simpleK®

MBS

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