

# smart.net

## PC BASED ACCESS CONTROL



- 2000 users
- 30 doors
- Windows compatible
- Simple to install and configure
- Multi workstation support
- Alarm handling
- html based help
- Personnel import / export facility
- Building management functions
- Photo ID link
- Attendance report

## WHAT YOU SHOULD KNOW BEFORE YOU BUY AN ACCESS CONTROL SYSTEM

### WHO ARE SRS?

SRS was formed in 1987 and have been manufacturing access control equipment ever since. The company occupies an efficient manufacturing facility in North West London from which it supplies access control products to thousands of installation and distribution companies. SRS do not install systems, but work closely with installing companies to deliver the finest service to the ultimate user.

### MY PROMISE TO YOU!

SRS promise to deliver an access control system of the highest quality that performs as the literature says it will.

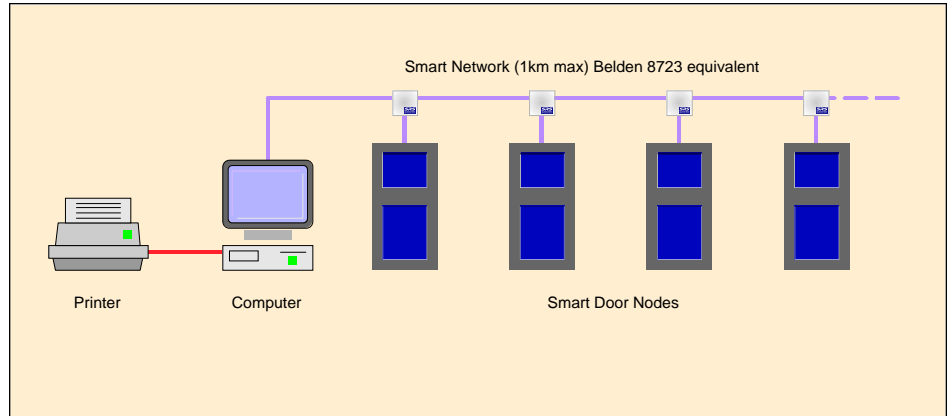
*Steve Stuart. Managing Director*

### SINGLE DOOR ARCHITECTURE

Some access control systems use 2, 4 or even 8 door controllers. Whilst this saves money on manufacture of the product it means that installation complexity and mess are increased. This is because all services (ie. lock release, reader, alarm, door monitor, egress button etc.) for each door have to be cabled back to this one controller. With SRS SMART.net all cabling for the door is kept local to the door. Only the network cable runs from controller to controller.

### DISTRIBUTED INTELLIGENCE

Each door stores all the information required to control all events at a door (ie. whether or not to allow access to a card holder). Even if the computer is switched off, the door controller will continue to function normally. This is known as distributed intelligence. SRS SMART.net goes one stage further by distributing the intelligence to each door, rather than a group of doors as with multi door controllers.



### ANTI PASSBACK

Anti passback is the name given to a method of preventing the same card being used repeatedly (ie. passed back to another person) to gain access without the card having been used to exit the access controlled area (ACA). In theory anti passback seems like a good idea, however in practice it has many pitfalls. In order for anti passback to function correctly you must be absolutely sure that no card holder can exit the ACA without presenting a card. The only way to do this and guarantee success is to have turnstiles for both access and egress. For most installations this is not practical or too expensive. Simply insisting that card holders swipe for both egress and access only catches those who would obey the rules anyway. In addition the administrative problems associated with anti passback can make the day to day system management over complicated.

### PASSWORD CONTROL

The administrator of smart.net software may wish to prevent access to the computer management software by unauthorised users. This is done by having password control. Additional users of the software are given a password which allows them restricted access as set by the administrator.

### INTRUDER ALARM LINK

Many access control installations are at sites where an intruder alarm system is set overnight. In these installations a card holder might be allowed access (ie. open the door) even when the intruder alarm system is set. If the card holder is not a keyholder for the intruder alarm the result would be a false alarm. SMART.net detects if the intruder alarm is set, if it is SMART.net will only allow access to keyholders - regardless as to the time of day or access right of any card holders attempting to gain access.

### DOOR MONITORING

SRS SMART.net monitors the status of the door and reports each opening and closing action to the computer. This allows the administrator to monitor the integrity of the security at each door. In addition a local alarm can be sounded if the door is left open too long or opened by force.

# COST EFFECTIVE ACCESS CONTROL

## WHAT TYPE OF READER?

A wide range of readers are available for SRS SMART.net. The most popular are magnetic stripe swipe card readers and proximity card readers.

Most people are familiar with magnetic stripe cards, ie. as used for credit cards. The access control versions can be printed with ID information, company logo or simply use a standard SRS card.

Magnetic swipe readers are cost effective and reliable. They are better suited for fitting internally. Over time they will wear and may need periodic cleaning in dirty environments.



Proximity readers have no moving parts and are therefore generally more reliable. The readers available have a read range

which increases with the price, however the most popular read range is 10cm (4"). The 'card' can be a tag (or fob), a clam shell card or an ISO card. The clam shell is the most economic and is the same size as a credit card except it is 2mm thick. The popular tag can simply be added to a key ring. The ISO card is



the same size and thickness as a magnetic stripe card, and can indeed have a magnetic stripe added for vending or combined use with older systems. In addition the ISO card can be printed as an ID card.

## SMART SOFTWARE

SRS SMART for Windows software is compatible with most Windows operating systems. Ideally the PC which will have the software installed should be dedicated for use with SMART.net and be configured to have access to the internet.

SRS Smart.net is both versatile and easy to use, allowing you to monitor and control people and events.

## EASY TO USE

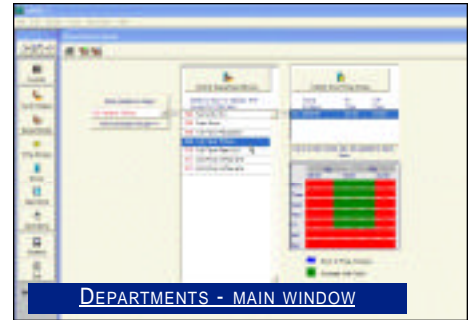
Fully integrated help buttons provide information on the task being performed.

## DEPARTMENTS

With the capability of monitoring up to 99 doors from a Personal Computer, SRS SMART.net works on the principle that each card holder belongs to a Department.

Access to individuals is therefore governed by controlling the times and days when members of a Department are allowed access through doors.

Each card holder is a member of one department and you may configure up to 99 departments. One special department "Keyholders" is allowed 24 hour access to every door under all conditions. The system administrator would be in the Keyholder department.



## CARD HOLDER OPTIONS

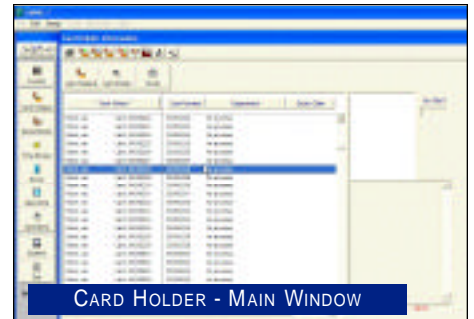
Card holders are members of a department. They have access to the areas defined by the department setup.

### Easy to issue cards

The administrator may issue a new card to a card holder. The card number is automatically calculated. Cards can be block validated.

### Card holder details

Each card holder record stores name, card number, department and a notes field. In addition 4 user defined fields display further information ie. vehicle registration, National Insurance Number etc.



### Temporary Cards

Any card can be set to expire at a certain date and time in the future. This is useful for club membership expiry.

## REPORTING FEATURES

SRS SMART.net reporting is fast and flexible. Reports include:

- Roll Call

Provides a list of all card holders who have presented a card to a perimeter reader.

- Find a Card Holder

Lists the last location each card holder presented a card.

- Time on Site

Confirms how much time each card holder spent on site between two dates.

- Alarm Monitoring

Displays a list of all events between two dates which are designated as alarm events.

- SRS SMART.net can also list the transactions for individual Card Holders, as well as Departments, and events between any dates, then sort the result. The user can select any part of the result to print to screen, printer or file.

- Transaction Display Preferences

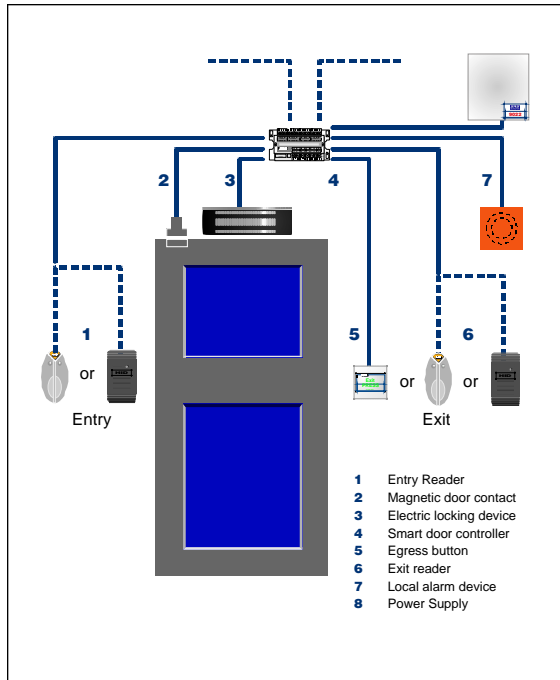
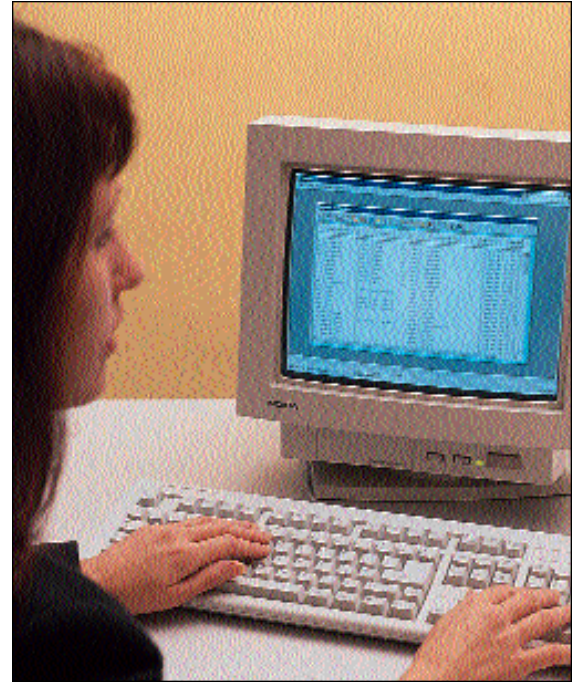
SRS SMART.net stores all events but displays only those you wish to see by selecting event types in a special window called "Transaction Display Preferences"

| Card Holder     | Start           | Stop           | Total Time |
|-----------------|-----------------|----------------|------------|
| William Corbin  | 2 MAR 99 09:50  | 2 MAR 99 09:54 | 00:04      |
| William Corbin  | 2 MAR 99 09:59  | 2 MAR 99 12:49 | 02:50      |
| William Corbin  | 3 MAR 99 09:32  | 3 MAR 99 09:37 | 00:05      |
| William Corbin  | 3 MAR 99 09:40  | 3 MAR 99 09:44 | 00:04      |
| William Corbin  | 3 MAR 99 18:02  | 3 MAR 99 18:49 | 00:47      |
| William Corbin  | 3 MAR 99 18:52  | 3 MAR 99 18:56 | 00:04      |
| Caroline Fenlon | 2 MAR 99 09:33  | 2 MAR 99 09:54 | 00:21      |
| Caroline Fenlon | 2 MAR 99 09:59  | 2 MAR 99 12:49 | 02:50      |
| Caroline Fenlon | 3 MAR 99 18:02  | 3 MAR 99 18:49 | 00:47      |
| Caroline Fenlon | 3 MAR 99 18:52  | 3 MAR 99 18:56 | 00:04      |
| John Mather     | 2 MAR 99 09:59  | 2 MAR 99 12:49 | 02:50      |
| John Mather     | 3 MAR 99 18:02  | 3 MAR 99 18:49 | 00:47      |
| Dominic Tee     | 3 MAR 99 09:57  | 3 MAR 99 09:58 | 00:01      |
| Dominic Tee     | 3 MAR 99 09:59  | 3 MAR 99 09:59 | 00:00      |
| Dominic Tee     | 3 MAR 99 18:53  | 3 MAR 99 18:56 | 00:03      |
| Dominic Tee     | 3 MAR 99 18:58  | 3 MAR 99 11:01 | 00:03      |
| Dennis Vilevoa  | 2 MAR 99 09:58  | 2 MAR 99 09:59 | 00:01      |
| Dennis Vilevoa  | 3 MAR 99 18:00  | 2 MAR 99 12:49 | 02:49      |
| Dennis Vilevoa  | 2 MAR 99 09:33  | 2 MAR 99 09:37 | 00:04      |
| Dennis Vilevoa  | 3 MAR 99 09:42  | 3 MAR 99 18:49 | 01:07      |
| Dennis Vilevoa  | 3 MAR 99 18:52  | 3 MAR 99 18:56 | 00:04      |
| Alan            | 12 MAR 99 09:02 | 2 MAR 99 09:59 | 00:57      |

# TECHNICAL DATA

## SRS SMART.NET SOFTWARE

|  |    |
|--|----|
| Max number of doors                        | 30 |
| Holiday schedules                          | 20 |
| Powerful setup Wizard                      |    |
| Selective reporting                        |    |
| Roll Call                                  |    |
| Find a Card Holder                         |    |
| Time on Site report                        |    |
| File transfer                              |    |
| User selectable events                     |    |
| Events definable as alarms                 |    |
| Alarms acknowledgement                     |    |
| Temporary cards                            |    |
| Block validation                           |    |
| Password control (selectable)              |    |
| Free upgrades for 1 year                   |    |
| Free End-User software support for 90 days |    |



## DC2000 DOOR CONTROLLER

|   |      |
|---|------|
| Card Holders                                  | 2000 |
| Time zones                                    | 20   |
| Transaction memory                            | 500  |
| One controller per door (easier installation) |      |
| DC2000 fits into double gang box              |      |
| True distributed intelligence                 |      |
| In / Out readers                              |      |
| RS485 network                                 |      |
| Door monitoring                               |      |
| Egress input                                  |      |
| Intruder alarm input                          |      |
| Alarm Output Relay                            |      |
| Lock Output Relay                             |      |
| Egress Input                                  |      |
| CE Tested                                     |      |
| 10 year Data Protection                       |      |

## PC REQUIREMENTS

Any current PC running window XP is capable of running SRS SMART.net software. The higher the specification, the better the performance. Having said that for smaller installation and entry level PC is perfectly acceptable.

| MINIMUM            | PREFERRED |
|--------------------|-----------|
| 16Mb RAM           | 32Mb      |
| 40Gb hard drive    | 2GB       |
| 1 Spare RS232 Port |           |