



# Softcon Finger Print Systems

**REVISION 01.04**

This document provides information on Softcon Finger Print Systems.

## Index:

1	AIM	2
2	SYSTEMS	2
3	ACCESS CONTROL COMPONENT	2
3.1	Softwin3 Windows Software	2
3.2	AS382 R12 292	2
3.3	AS381 R6 146	3
3.4	FP Access R7 000	3
3.5	FP Capture R5 000	3
4	CARDMAKER R8 000	3
5	VISITOR CONTROL COMPONENT	3
5.1	Video Interface R3 000	4
5.2	Visitor FP Capture & Enrol R3 000	4
5.3	Visitor FP Access R3 000	4
6	LICENSE FEE OR DONGLE	4
7	AS388/PROMO R22 350	4
7.1	AS388	4
7.2	Included / Excluded	5
8	SOFTWARE SUPER	5
8.1	AS383FP(S) R34 000	5
8.2	Included / Excluded	5

# 1 AIM

The aim and goal of this document is to provide information regarding the FP (finger print) system. The document serves as the general specification for these products and is to be used for marketing and quotation purposes. Full specifications of the Hardware (HW) units are listed in the appropriate HW documents with general specifications listed here. Operating procedures and details of the Software (SW) are listed in the help files linked to the SW.

# 2 SYSTEMS

The Softcon system has always been very flexible and configurable and was initially designed to operate with the Softcon propriety hardware. However with the introduction of biometric identification it has become necessary to integrate the two systems together. Softcon has successfully completed this integration.

Softcon now offers one GUI (Graphical User Interface) where biometric management access control, building management; vending control and asset management can be controlled. With this integration no third party software is necessary.

The Softcon finger print systems are split up into four components, Access Control, Cardmaker, Visitor Control and License Fee or Dongle.

# 3 ACCESS CONTROL COMPONENT

The access control has three modules available consisting of the following Softwin3 windows software, FP Capture and FP Access.

## 3.1 Softwin3 Windows Software

The Softwin3 windows software is the access control software as priced in the Softcon price list, there are two basic choices to choose from namely AS382 and AS381.

## 3.2 AS382 R12 292

The AS382 software has all the standard software limitations and restrictions. This Software has the ability at accept FP Capture and FP Access and all the Visitor Control components.

For reference the limitations are as follows:

Expiry date from switch on	90
Client connection to the server program	8
Visitor Software including printing	1
Card database record size restriction	5000
Mux card enabled	4
Mux card supplied	1
Controllers	60
Readers enabled	120
Inputs Enabled	960
Outputs Enabled	300
Crystal reports limits	100
Softwin3 Drawing package	Yes
Audio messages from client	1
Occurrence log book	1
Time Accumulation	Yes
Audio Capture for Visitors	Yes
Random search	Yes
Visitor Host linking	Yes
Photo display for drawing	Yes
Photo capture for display (no printing)	1
Network option to network the software over a TCP/IP	Yes

### 3.3 AS381 R6 146

The AS381 software has all the standard software limitations and restrictions. This Software has the ability at accept FP Capture and FP Access the **Visitor Components are not allowed**.

For reference the limitations are as follows:

Expiry date from switch on	90
Client connection to the server program	4
Visitor Software including printing	0
Card database record size restriction	2000
Mux card enabled	2
Mux card supplied	1
Controllers	12
Readers enabled	24
Inputs Enabled	240
Outputs Enabled	60
Crystal reports limits	60
Softwin3 Drawing package	Yes
Audio messages from client	0
Occurrence log book	0
Time Accumulation	Yes
Audio Capture for Visitors	No
Random search	No
Visitor Host linking	No
Photo display for drawing	No
Photo capture for display (no printing)	0
Network option to network the software over a TCP/IP	No

### 3.4 FP Access R7 000

The FP Access module is the software that manages the distribution of the finger print templates to and from the finger print readers. This software may only be added to AS382 or AS381. Once this module has been added it will automatically increase the *Card database record size restriction* to 48 000 users. This module is compulsory for any finger print access system.

### 3.5 FP Capture R5 000

The FP Capture module is the software that captures and stores the finger print for use with FP access. This will allow the capture and save of finger prints in the Card edit dialog box in SCS-Client. Included in this is the ability to log on to a Softcon client application via a finger print reader. Please note this software excludes visitor finger print capture and any hardware.

## 4 CARDMAKER R8 000

Cardmaker provides the ability to capture and store permanent card holder's photos in any standard windows format. Added features include scanning of a signature and or ID document.

The integrated card template design feature provides the ability to customize logos and card layout.

## 5 VISITOR CONTROL COMPONENT

The Visitor control is designed specifically but not limited to applications where control of visitors is by the use of their finger prints, simultaneously capturing live video frames of the enroll and entry or exit process. Available modules are Video Interface, Visitor FP capture, Visitor FP Access. This Component is only available as an option with **AS382** software.

The modules Video Interface, Visitor Capture and Visitor Access are sold together in an environment where there is dedicated visitor lane entry and exit into a office park or secure estate/complex. The three modules together provide the ability to control lane entry and exit on one PC.

## 5.1 Video Interface R3 000

This module interfaces to the Rediview DVR (Digital Video Recorder). The DVR runs on a TCP/IP network and connects to SCS\_Client. It enables the capture of frames from the DVR and stores them on the Softcon system. This process is event driven and many different triggers can be setup. A program to view the captured pictures is also supplied

## 5.2 Visitor FP Capture & Enrol R3 000

Softcon access system links to external systems that comply with the Softcon external TCP link protocol. Appropriate messages are received from the external system when asset violations are detected. Asset clear messages can be received from the external system or sent to the external system. These event messages are used to generate alarms, lock doors, disable readers, etc.

## 5.3 Visitor FP Access R3 000

Manages the visitor template distribution to and from the readers, Visitor template deleting is also included.

# 6 LICENSE FEE OR DONGLE

A license fee or dongle is applicable when the biometric readers are not manufactured by Softcon. This fee is manufacture dependant. For the SAGEM type readers a dongle per computer is required for the FP Capture and FP visitor module. However if both the modules are on one computer, only one dongle is required.

# 7 AS388/PROMO R22 350

Due to the demand in the apartment building and small security developments markets the AS388/ProMo exists. The software is not intended to replace the bigger systems that would need a large database of up to 48,000 users but rather to accommodate small secure complex or apartment buildings where the total amount of resident's would be no greater than 800 users. A typical site would use no more than four readers, residents' entry and exit and visitors' entry and exit. It is also necessary to control and manage visitors who are constantly entering and exiting.

In this configuration the AS388/ProMo comes complete with the Visitor FP Capture and the Visitor FP in Access components allowing and unlimited amount of visitors. The total amount of active users should be no greater than 800. Included in this configuration are the two components needed for access control namely: FP Access and FP Capture.

## 7.1 AS388

The AS388 software package has specific limitations and restrictions.

For reference the limitations are as follows:

Expiry date from switch on	90
Client connection to the server program	2
Visitor Software including printing	1
Card database record size restriction	800
Mux card enabled	1
Mux card supplied	1
Controllers	2
Readers enabled	4
Inputs Enabled	32
Outputs Enabled	10
Crystal reports limits	100
Softwin3 Drawing package	No
Audio messages from client	No
Occurrence log book	No
Time Accumulation	No
Audio Capture for Visitors	No
Random search	No
Visitor Host linking	No
Photo display for drawing	No

Photo capture for display (no printing)	No
Network option to network the software over a TCP/IP	No

## 7.2 Included / Excluded

The following hardware is included in the AS388/ProMo package:  
 one CR355XB controller excluding battery.  
 one PCI Mux Card.

All the SAGEM components are excluded.

# 8 SOFTWARE SUPER

Software super AS383(S) is software that is tailored specifically for very large sites that foresee growth. AS383FP(S) includes fingerprint modules with AS383.

## 8.1 AS383FP(S) R34 000

The AS383FP(S) software has the same enabled features as AS383(S) with an addition of the modules FP Access, FP Capture and the two visitor modules FP Visitor Access and FP Visitor Capture.

For reference the limitations are as follows:

Expiry date from switch on	90
Client connection to the server program	16
Visitor Software including printing	4
Card database record size restriction	Unlimited
Mux card enabled	8
Mux card supplied	1
Controllers	200
Readers enabled	Unlimited
Inputs Enabled	Unlimited
Outputs Enabled	Unlimited
Crystal reports limits	Unlimited
Softwin3 Drawing package	Yes
Audio messages from client	Yes
Occurrence log book	Yes
Time Accumulation	Yes
Audio Capture for Visitors	Yes
Random search	Yes
Visitor Host linking	Yes
Photo display for drawing	Yes
Photo capture for display (no printing)	Yes
Network option to network the software over a TCP/IP	Yes
Video Link to Redivision (Reditron) DVR	Yes
Card encoding option	Yes
Email Events	Yes

## 8.2 Included / Excluded

SAGEM hardware and dongle components are excluded.