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# Quick Enroll Setup Guid.

Version 0. 1

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7 March 2017



# Revision History

Name	Date	Reason For Changes	Version
MDH	19-Sep-2014	Initial document	0.1
MDH	14-Jul-10	Cover Page	0.2

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## Information

In this document I will show you how to setup quick enrollment. So that you can enroll visitors when they enter a site and remove their finger template when they exit the site. Quick enrollment is used when a security guard places his finger or badges a card to activate the Sagem reader to switch to quick enrollment. As soon as the visitor leaves the site an event will remove the finger template from the software.



# Creating FP Reader Setup

In the FP Reader setup there will be some small changes that you have to make if you want to use visitors to quick enroll. Note that you have already installed and configured your Sagem readers on the software.

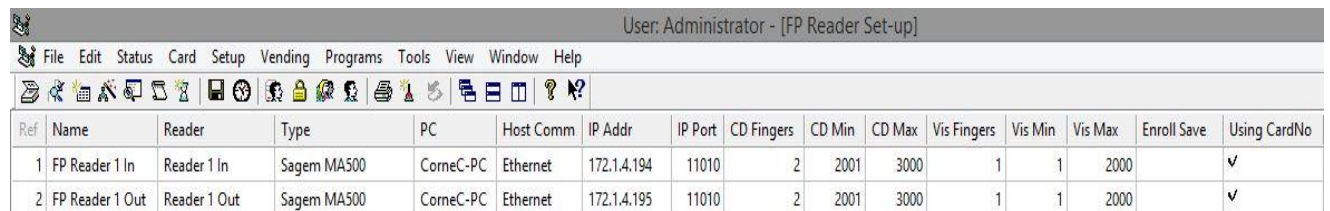
Follow these steps below:

1. In Softwin3 click on Setup then click on Setup Editor, and then double-click on FP Reader Set-up.
2. In FP Reader setup you will find four columns that you have to change.
  - Vis Min and Vis Max needs to be from 1 to 2000.
  - CD Min and CD Max needs to be from 2001 to 3000.

Note: This depends on the number of user's license you have on the FP Reader.

See Figure below:

FIGURE 3



The screenshot shows the 'FP Reader Set-up' window with the following table:

Ref	Name	Reader	Type	PC	Host Comm	IP Addr	IP Port	CD Fingers	CD Min	CD Max	Vis Fingers	Vis Min	Vis Max	Enroll Save	Using CardNo
1	FP Reader 1 In	Reader 1 In	Sagem MA500	ComeC-PC	Ethernet	172.1.4.194	11010	2	2001	3000	1	1	2000		✓
2	FP Reader 1 Out	Reader 1 Out	Sagem MA500	ComeC-PC	Ethernet	172.1.4.195	11010	2	2001	3000	1	1	2000		✓

# Creating Visitor and Security Card's

Now we will create all the visitor cards\FP templates. This is where all cards will be saved for both the Security and the Visitors.

Please note that you will need to leave the first 2000 record in your Card Admin empty for the Visitors. And only from record 2001 to 3000 will be used for normal employees and security that will be working permanently at site.

Remember that the numbers above is can change depending on the number of user database license you have.

## Creating Visitor Cards

Follow these steps below:

1. In Softwin3 click on Card, then click on Card Editor, and then double-click on Card Admin.
2. For the first 2000 cards enter the card numbers under the Card column from 1 to 2000.
3. Right-click on the Card columns name and then click on Properties (administrator). On the next screen in the "Invisible Fields" find the name Trigger Group (V). Select Trigger Group (V) and click on the right arrow to move it to the "Visible, Edit Field". When the name is shows up in the "Visible, Edit Fields" click on the eye icon to change it to a pen. Click on Ok.
4. Now under your Card Admin at the far right you will find a column called Trigger Group (V). Now select the Visitor Trigger Group in the dropdown that you have created earlier in this document. Make sure to select this for all Visitor cards.  
See figure below.

FIGURE 4

The screenshot shows a software window titled 'User: Administrator - [Card admin]'. The menu bar includes File, Edit, Status, Card, Setup, Vending, Programs, Tools, View, Window, and Help. Below the menu is a toolbar with various icons. The main area contains a table with the following data:

	Status	Card	Name	Trigger Group (V)	First Name	Ti...	Area Group	Company	Department
1	Disabled	1	zCard 001	Visitor Triger Group		N...	All Access		Department 0
2	Disabled	2	zCard 002	Visitor Triger Group		N...	All Access		Department 0
3	Disabled	3	zCard 003	Visitor Triger Group		N...	All Access		Department 0
4	Disabled	4	zCard 004	Visitor Triger Group		N...	All Access		Department 0
5	Disabled	5	zCard 005	Visitor Triger Group		N...	All Access		Department 0
6	Disabled	6	zCard 006	Visitor Triger Group		N...	All Access		Department 0

## Creating Security Cards

Follow these steps below:

1. Form Card number 2001 and on ward, depending on how many security personal you want to use to activate the quick enroll on.
2. Enable the cards and type in the card number under the card column.
3. Select the Area Group they are allowed to access.
4. Right-click on the card you just created and click on Properties.
5. On the next screen click on Status.
6. Find the Time Group dropdown. And select the Out-of-Time group that you created earlier on in this document.

Make sure you do this for every security card that you want to use for quick enrollment.

See both figures below:

FIGURE 5

The screenshot shows a software window titled 'User: Administ'. The menu bar includes File, Edit, Status, Card, Setup, Vending, Programs, Tools, View, Window, and Help. Below the menu is a toolbar with various icons. The main area contains a table with the following data:

	Status	Card	Name	Trigger Group (V)	First Name	Ti...	Area Group	Company
2001	Enabled	2001	Security 1	zTrigger GRP 0		N...	All Access	
2002	Enabled	2002	Security 2	zTrigger GRP 0		N...	All Access	
2003	Enabled	2003	Security 3	zTrigger GRP 0		N...	All Access	
2004	Enabled	2004	Security 4	zTrigger GRP 0		N...	All Access	
2005	Enabled	2005	Security 5	zTrigger GRP 0		N...	All Access	
2006	Enabled	2006	Security 6	zTrigger GRP 0		N...	All Access	

FIGURE 5.1

The screenshot shows the 'Card Data' window with the following sections:

- General Tab:**
  - Groups:** Control Card, Multi Group (?), Area Group (1, All Access), Exp AG Add (0, Area group 0), Exp AG Del (0, Area group 0), Absent AG Add (0, Area group 0), Absent AG Del (0, Area group 0), Count F AG Add (0, Area group 0), Count F AG Del (0, Area group 0), CD count AG (0, Setup group 0), Capture Group (0, Setup group 0), C Asset Group (0, zAsset Card Group 0), Time Group (92, Out-of-Time), Trigger Group (0, zTrigger GRP 0).
  - Master Card:** (Empty)
  - Temp Card:** (Empty)
  - Counts:**
    - Period: yyyy-mm-dd hh:mm
    - Last Date: yyyy-mm-dd hh:mm
    - Pent Limit: 0
    - Pent Now: 0
    - Count Now: 0
    - Count Limit: 0
  - Locations:**
    - Location: 0, Area zone 0
    - Time: (Empty)
    - Previous Location: 0, Area zone 0
- Settings Tab:**
  - Virtual Card:** (Settings)
  - Card 1:** 2001, Issue 1: 0
  - Card 2:** 2001, Issue 2: 0
  - Previous CD:** 0
  - Host:** 0
  - Visitor Ref:** 0
  - PIN Code:** 0
  - APB Reset:** No
  - Passback:** Not passback
  - Ext Access:** 0
  - Random %:** (Empty)
  - Disable Card when Inactive
  - Issued:** / / : : (Empty)
  - Expires:** / / : : (Empty)
  - Absent Start:** / / : : (Empty)
  - Absent End:** / / : : (Empty)
  - Status:** Enabled
  - Expire Status:** Disabled
  - Absent Status:** Disabled
  - Count F Status:** Disabled

At the bottom, there are navigation buttons (Record, Previous, Next, of 2998), fields for XRef (2001) and Security (1), and OK, Cancel, and Apply buttons.

## Creating the Aux Outputs

Now you will have to change the Latch 1 and Latch 2 from normal latches to Aux Outputs. This is done to change the latches so that they can be used by the Event to open the boom when a visitor is enrolled.

Follow these steps below:

1. In Softwin3 click on Setup and then click on Setup Editor. Scroll down till you see Output Setup and double-click on Output Setup.
2. Now locate the controller where the FP Readers are connected to. And look for the name Latch1 and Latch 2.
3. In the description column you can rename the Latch 1 and Latch 2 to whatever you want or you can leave the name as it is.
4. In the Type column change the Latch 1 and Latch 2 to Aux Output.  
See figure below:

FIGURE 6.1

User: Administrator - [Output Set-up]									
File Edit Status Card Setup Vending Programs Tools View Window Help									
[Icons]									
Description	Controller	Port	Type	L1 Name	L2 Name	L3 Name	L4 Name	L5 Name	
1 CR_1 Latch 1	C1 Test CR391	1	Aux Output	Open	Closed	Open perm	Close perm	Level 5	
2 CR_1 Latch 2	C1 Test CR391	2	Aux Output	Open	Closed	Open perm	Close perm	Level 5	
3 CR_1 Search	C1 Test CR391	3	Aux Output	Search	Not se...	Level 3	Level 4	Level 5	
4 CR_1 Capture 2	C1 Test CR391	4	Capture 2	Capture	Normal	Level 3	Level 4	Level 5	
5 CR_1 Buzzer 1	C1 Test CR391	5	Buzzer 1	On	Off	Level 3	Level 4	Level 5	
6 CR_1 Buzzer 2	C1 Test CR391	6	Buzzer 2	On	Off	Level 3	Level 4	Level 5	
7 CR_1 Isolate 1	C1 Test CR391	13	Isolate RD 1 (virtual)	Normal	Isolate	Level 3	Level 4	Level 5	
8 CR_1 Isolate 2	C1 Test CR391	14	Isolate RD 2 (virtual)	Normal	Isolate	Level 3	Level 4	Level 5	

5. Now right-click on Latch 1 and click on Properties.
6. Under the General Tab.
  - Change the Status Lev to 1.  
See figure below:

FIGURE 6.2

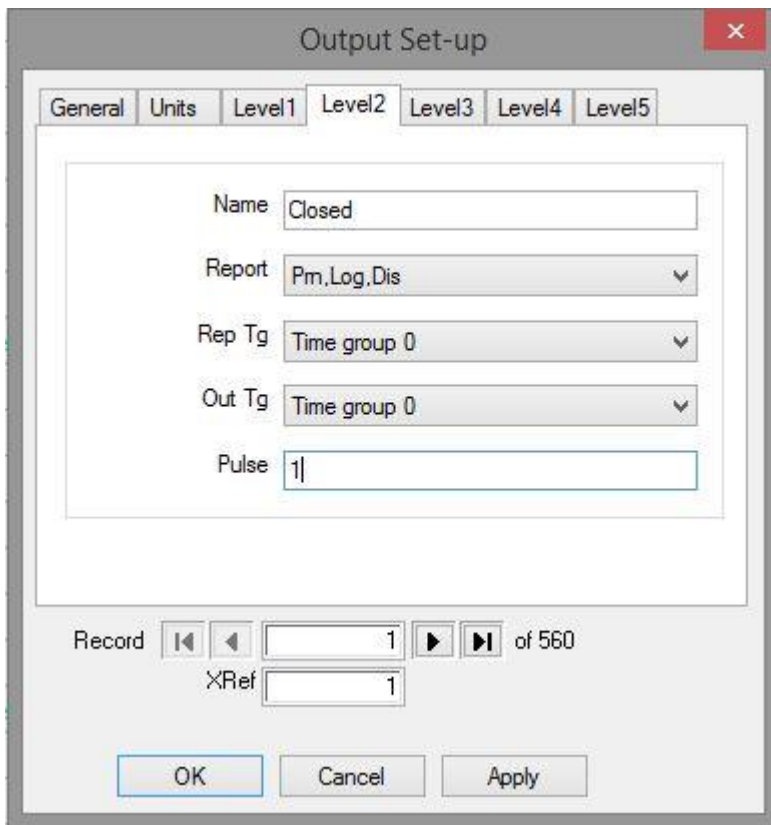
The screenshot shows the 'Output Set-up' dialog box with the 'General' tab selected. The fields are as follows:

- Description: CR\_1 Latch 1
- Status Lev: 1
- Controller: C1 Test CR391
- Operational: Normal
- Port: 1
- Type: Aux Output

At the bottom, there are navigation controls for 'Record 1 of 560' and 'XRef 1', and buttons for 'OK', 'Cancel', and 'Apply'.

7. Under the Level2 Tab.
  - Change the Pulse to 1  
See figure below:

FIGURE 6.3



## Creating an Event

Now you will have to create an event. There will be three events that you will have to create to quick enroll the visitor, an event to trigger the latch and a event that will remove the FP template when the visitor leaves. This event is purely software driven and if the software is closed all the readers that was configured for quick enroll will stop working. So make sure that now one turns off the PC or close SCS\_Client.

### First Event

Follow these steps below:

1. In Softwin3 click on Setup and then click on Event.
2. In the Event screen click on the Event Name drop-down box and select the Firs available field. Rename that field to something you will remember.
3. Now under the EVENT TRIGGER click on the Add button.
  - In the first drop-down select Reader.
  - In the second drop-down select the FP Reader where the security is going to badge his finger to enable the quick enrolment.
  - In the third drop-down select Out-of-time.
  - In the second block enter the XRef number of the security guard. This you will find in the Card Admin.  
This can be repeated for the amount of security guards that you want to do quick enrollment.



4. Now above EVENT TRIGGER click on Add button.
  - Under the PC drop-down select Resolve.
  - Under the Program drop-down select SCS\_Client.
  - Under the Type drop-down select Reader.
  - Under the System Item drop-down select the FP Reader you want the quick enrollment to enroll visitors.
  - Under the Status drop-down select FP Enroll System.
  - In the XRef block type in (~Ref) where the Ref is the first number you will find under the EVENT TRIGGER.
5. Now in the block next to Algorithm type in the Ref number found under EVENT TRIGGER. Remember if you have more than one EVENT TRIGGER to add a (+) then the next number.

See figure below.

FIGURE 7.1

The screenshot shows the 'EVENT' configuration window. At the top, the 'Event Name' is '2' and the 'Algorithm' is '10+11+12+13+14+15'. Below this is a table with columns: PC, Program, Type, System Item, Status, Value, Xref, Alarm, Z1, Z2, Z3. The row shows: Resolve, SCS\_Client, Reader, R1 In, FP Enroll System, 0, ~10, 0, 0, 0, 0.

Below the table are 'Add' and 'Del' buttons. Underneath is the 'EVENT TRIGGERS' section, which contains a table with columns: Ref, Type, System Item, Status, Value, Xref, Alarm, Z1, Z2, Z3. A large yellow question mark is overlaid on the left side of this section.

Ref	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2	Z3
10	Reader	R1 In	Out-of-time	0	11	0	0	0	0
11	Reader	R1 In	Out-of-time	0	12	0	0	0	0
12	Reader	R1 In	Out-of-time	0	13	0	0	0	0
13	Reader	R1 In	Out-of-time	0	14	0	0	0	0
14	Reader	R1 In	Out-of-time	0	15	0	0	0	0

## Second Event

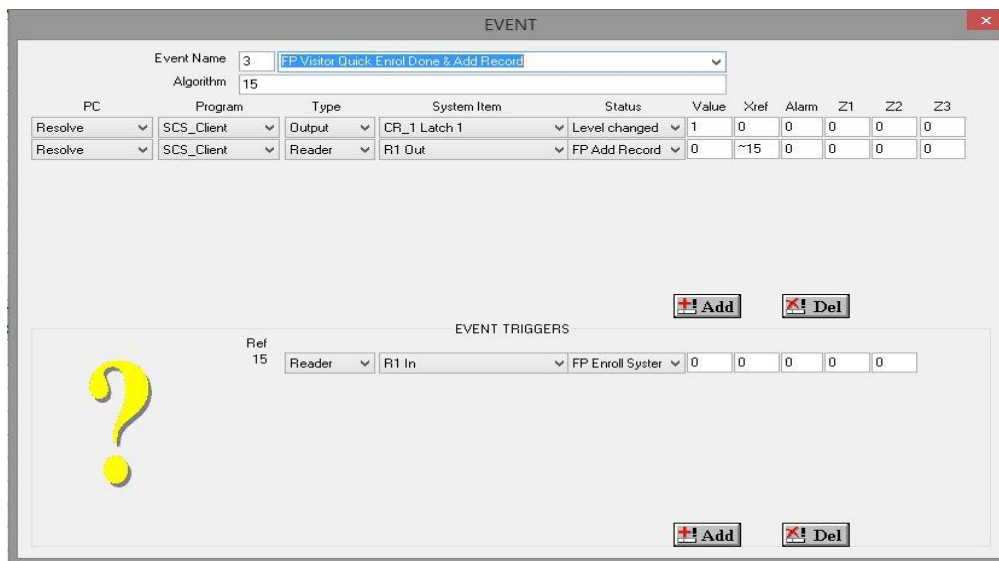
Follow these steps below:

1. In the Event screen click on the Event Name drop-down box and select the Second available field. Rename the fields to something you will remember.
2. Now under EVENT TRIGGER click on the Add button.
  - On the first drop-down select Reader.
  - On the second drop-down select the FP Reader that is used for the quick enrollment.
  - On the third drop-down select FP Enroll System Done.
3. Now above EVENT TRIGGER click on Add button.
  - Under the PC drop-down select Resolve.
  - Under the Program drop-down select SCS\_Client.
  - Under the Type drop-down select Output.
  - Under the System Item drop-down select the Output that you changed earlier on in this document.
  - Under the Status drop-down select Level Changed.
  - In the first box type in the number 2.

4. Now above EVENT TRIGGER click on Add button.
  - Under the PC drop-down select Resolve.
  - Under the Program drop-down select SCS\_Client.
  - Under the Type drop-down select Reader.
  - Under the System Item drop-down select the FP Reader where the FP Visitor template needs to be sent to.
  - Under the Status drop-down select FP Add Record.
  - In the second box type in (~Ref) where the Ref is the number of the first EVENT TRIGGER.
5. Now in the block next to Algorithm type in the Ref number found under EVENT TRIGGER.

See Figure below:

FIGURE 7.2



### Third Event

Follow these steps below:

1. In the Event screen click on the Event Name drop-down box and select the Third available field. Rename the fields to something you will remember.
2. Now under EVENT TRIGGER click on the Add button.
  - On the first drop-down select Reader.
  - On the second drop-down select the exit reader that you created.
  - On the third drop-down select FP Remove Record.
3. Now above EVENT TRIGGER click on Add button.
  - Under the PC drop-down select Resolve.
  - Under the Program drop-down select SCS\_Client.
  - Under the Type drop-down select Reader.
  - Under the System Item drop-down select the Exit FP Reader to remove the finger template from the reader.
  - Under the Status drop-down select FP Remove Record.
  - In the second box type in (~Ref) where the Ref is the number of the first EVENT TRIGGER.

4. Now above EVENT TRIGGER click on Add button.
  - Under the PC drop-down select Resolve.
  - Under the Program drop-down select SCS\_Client.
  - Under the Type drop-down select Output.
  - Under the System Item drop-down select the second Output that you changed earlier on in this document.
  - Under the Status drop-down select Level Changed.
  - In the first box type in the number 2.
5. Now in the block next to Algorithm type in the Ref number found under EVENT TRIGGER.

See figure below:

FIGURE 7.3

The screenshot shows a software window titled "EVENT" with a close button in the top right corner. The window is divided into two main sections: "EVENT TRIGGERS" and a table of event configurations.

**EVENT TRIGGERS Section:**

- A large yellow question mark is on the left side.
- Below it, there is a "Ref" field with the value "16".
- To the right of "Ref", there is a row of configuration options:
 

Reader	R1 Out	Card disabled	0	0	0	0	0
--------	--------	---------------	---	---	---	---	---
- At the bottom right of this section are "Add" and "Del" buttons.

**Table Section:**

PC	Program	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2	Z3
Resolve	SCS_Client	Reader	R1 Out	FP Remove Re	0	~16	0	0	0	0
Resolve	SCS_Client	Output	CR_1 Latch 2	Level changed	2	0	0	0	0	0

At the top of the window, there are fields for "Event Name" (value: 4, dropdown: FP Visitor Remove Recorded) and "Algorithm" (value: 16). Below these fields are "Add" and "Del" buttons.