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Bio Quick Enrol How2

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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 Trigger Group.

The trigger group will be used by all the visitor fields to trigger the events for quick enrollment.

Follow these steps below:

1. In Softwin3 Click on Setup then click on Setup Editor, and then double-click on Trigger Group.
2. In Trigger Group on Ref 1. Under the Description column rename zTrigger GRP 1 to Visitor Trigger Group.

See Figure 1 Below:

FIGURE 1

Ref	Description
1	Visitor Trigger Group
2	zTrigger GRP 2
3	zTrigger GRP 3
4	zTrigger GRP 4
5	zTrigger GRP 5
6	zTrigger GRP 6

Creating Time Group

The time group will be used by the security card or finger to trigger the events to do quick enroll.

Follow these steps below:

1. In Softwin3 click on Setup then click on Time Group zone. Then double-click on Time Group Zone.
2. Change the Time Group Type to System_1.
3. Change the Time Group to Sys_1_06, and rename it to Out-of-Time.
4. Remove all the ticks from Mon to Hol.
5. Close and save the changes.

See Figure below:

FIGURE 2

Ref	Begin_Hr	Begin_Min	End_Hr	End_Min	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Hol
729	12	0	12	0								
730	6	0	18	0								
731	18	0	6	0								
732	0	0	0	0								
733	0	0	0	0								
734	0	0	0	0								
735	0	0	0	0								
736	0	0	0	0								

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 a software window titled "User: Administrator - [FP Reader Set-up]". The window contains a menu bar (File, Edit, Status, Card, Setup, Vending, Programs, Tools, View, Window, Help) and a toolbar with various icons. Below the toolbar is a table with the following data:

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. The toolbar contains various icons for file operations and system functions. The main area displays 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. The toolbar contains various icons for file operations and system functions. The main area displays a table with the following data:

X	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).
 - Counts:** Period (yyyy-mm-dd hh:mm), Last Date (yyyy-mm-dd hh:mm), Pcnt Limit (0), Pcnt Now (0), Count Now (0), Count Limit (0).
 - Locations:** Location (0, Area zone 0), Time, Previous Location (0, Area zone 0).
 - Master Card** and **Temp Card** dropdowns.
- Card 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 %.
 - Disable Card when Inactive.
 - Issued and Expires date/time pickers.
 - Absent Start and Absent End date/time pickers.
 - Status (Enabled), Expire Status (Disabled), Absent Status (Disabled), Count F Status (Disabled).
- Footer:** Record navigation (2001 of 2998), XRef (2001 Security 1), and OK, Cancel, 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:

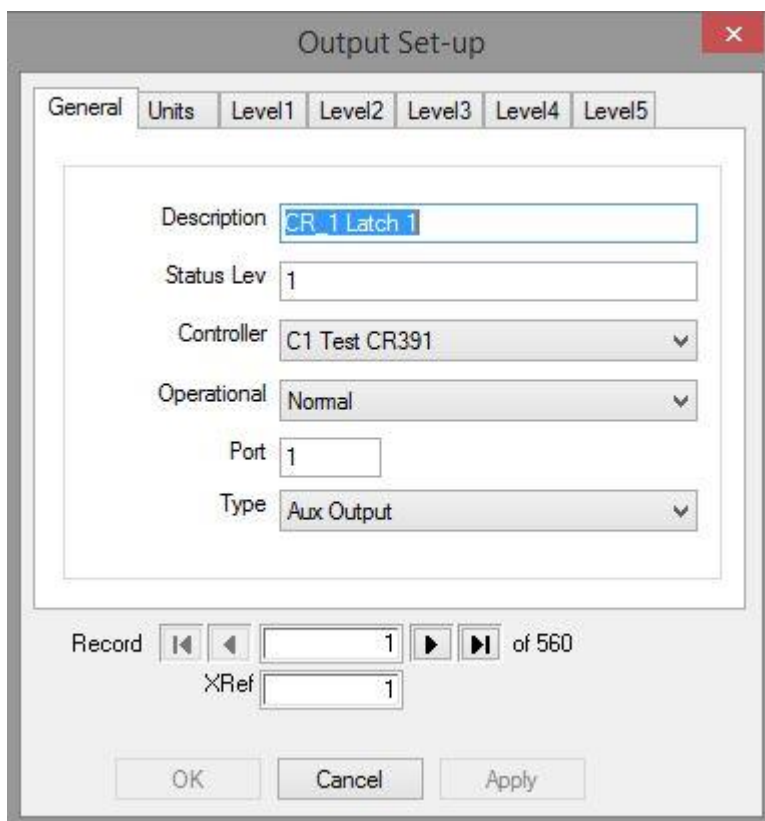
1. In Softwin3 click on Setup and then click on Setup Editor. Scroll down till you see Output Setup and double-click on Output Setup.
2. Now locate the controller where the FP Readers are connected to. And look for the name Latch1 and Latch 2.
3. In the description column you can rename the Latch 1 and 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	

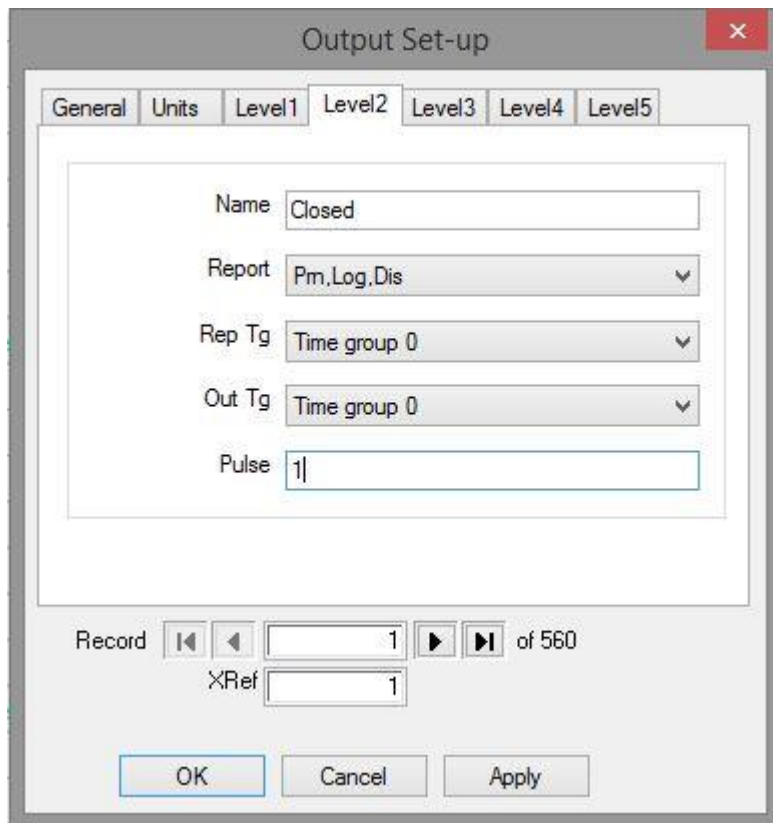
5. Now right-click on Latch 1 and click on Properties.
6. Under the General Tab.
 - Change the Status Lev to 1.
 See figure below:

FIGURE 6.2



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. The triggers are numbered 10 through 14, all with 'Reader' type and 'R1 In' system item. A large yellow question mark is overlaid on the left side of this section. 'Add' and 'Del' buttons are also present at the bottom of the triggers section.

PC	Program	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2	Z3
Resolve	SCS_Client	Reader	R1 In	FP Enroll System	0	~10	0	0	0	0

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

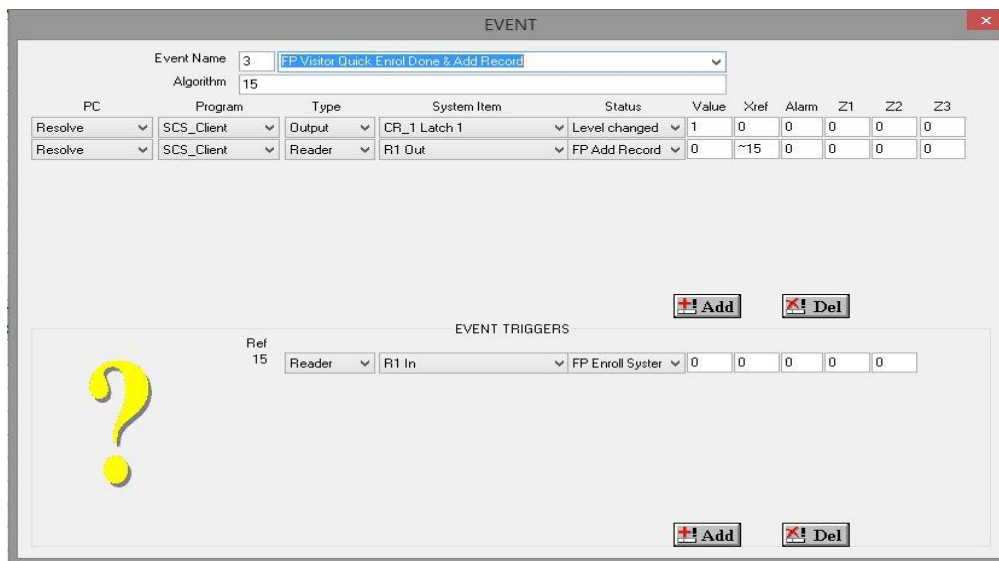
Follow these steps below:

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" at the top and "EVENT TRIGGERS" at the bottom.

EVENT Section:

- Event Name: 4 FP Visitor Remove Recorded
- Algorithm: 16

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

EVENT TRIGGERS Section:

- Ref: 16
- Reader
- R1 Out
- Card disabled
- 0
- 0
- 0
- 0
- 0

Both sections include "Add" and "Del" buttons.