Output groups Setup

Version 3.0

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Revision History

Name	Date	Reason For Changes	Version
MDH	15-Jun-10	Initial document	0.1
MDH	22-Jun-10	Changes made	3.0

Minimum Requirements:

- **CR390 Version 0.81 or greater**
- **CR355 Version 2.29 or greater**

Description:

Output groups are output events setup on the CR390 controller. (Minimum Requirements are SW Version 1.03.66 and CR390 Version 0.81)

Setting Up:

1. On the Handheld(HH) programmer for the CR390, Enable output groups (see HH programmer guide)

2. In SW, set the reader to random database(DB10)

    a. Click setup, setup editor, Reader setup. Right click on the reader to be configured.

    b. Under the area/Type TAB locate the DB Mode.

    c. In the dropdown list box select 10 Random
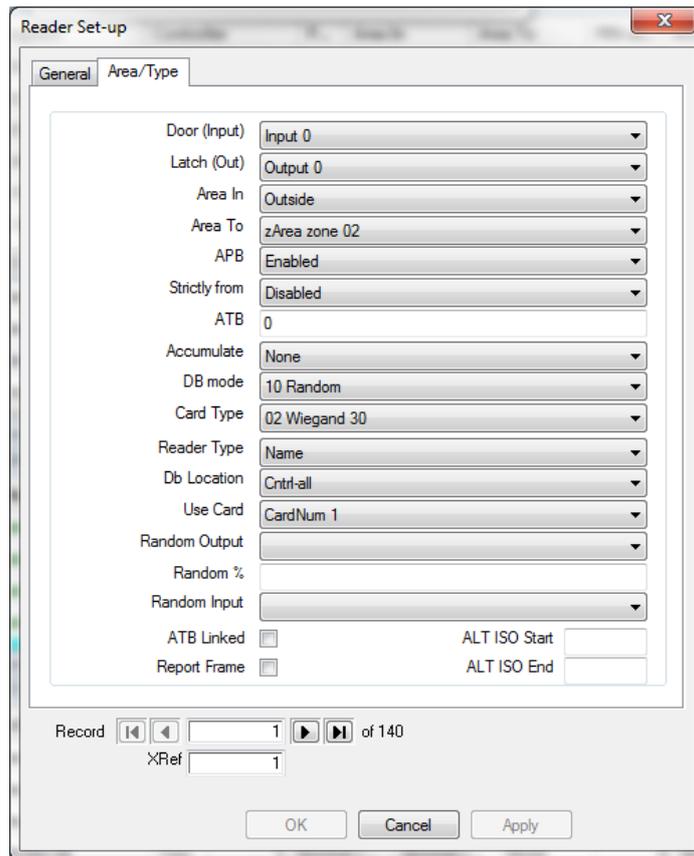
Figure 1: Reader Setup

    a.   Set the outputs to AUX outputs(Note that only AUX outputs can be used in Output Group Events)

    d.   Click setup, setup editor, output setup
    e.   Right click on the required output/s and click on properties
    f.   Under the General TAB locate TYPE and set it as AUX Output
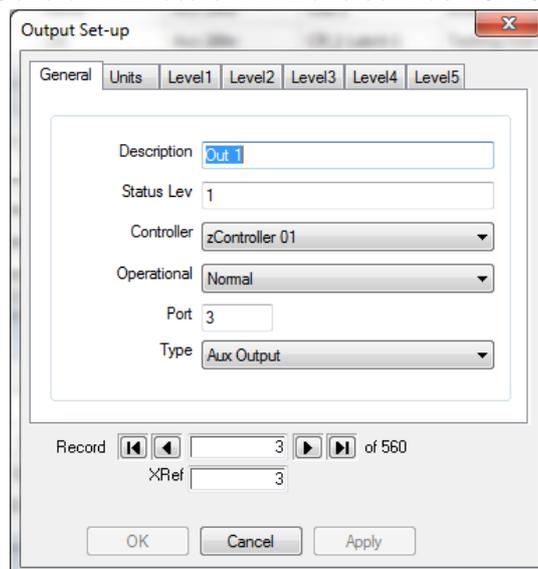

Figure 2: Output Setup Properties

3.   In the menu section of Softwin3, Click setup, setup editor and select Output Groups.

a. This will allow the renaming of the Group Names.

4. In the menu section of Softwin3, Click setup, setup editor and select output group event from the list and click on the Open Button. This would open the Output Group Event editor.

　　　a. Setup the output group event

　　　　　i. Reader – Select the reader which will trigger the output event

　　　　　ii. Action – Specifies what action the output will perform:

　　　　　　　1. Latch time; switch relay state according to latch time

　　　　　　　2. None: No action will be taken

　　　　　　　3. Off: output will open

　　　　　　　4. On: Output will close

　　　　　　　5. Toggle: Output will change state. If open will close

　　　　　iii. Time Group – Specify the Time group in which the output event will function(Only Access time groups can be used)

　　　　　iv. Output – Specify the output to be controlled by the output group event

　　　　　v. Output Group – This is the selectection where multiple line can be grouped together. As well as the Group selection in card admin

Ref	Reader	Action	Time group	Output	Output Group	
0	RD 0				zOutGrp 0	
1	Dual Badge	Latch time	Acc 24hr	Out 1	Testing Out GRP	
2	Dual Badge	None	Acc 24hr	Out 2	Testing Out GRP	
3	Dual Badge	Off	Acc 24hr	CR_1 Latch 1	Testing Out GRP	
4	Dual Badge	On	Acc 24hr	CR_1 Latch 2	Testing Out GRP	
5	Dual Badge	Toggle	Acc 24hr	CR_1 Latch 1	zOutGrp 2	
6	Dual Badge	Toggle	Acc 24hr	Out 1	zOutGrp 2	
7	Dual Badge	Toggle	Acc 24hr	Out 1	zOutGrp 3	
8	Dual Badge	Toggle	Acc 24hr	Out 2	zOutGrp 3	
9	Dual Badge	Toggle	Acc 24hr	CR_1 Latch 2	zOutGrp 3	
10	Dual Badge	Toggle	Acc 24hr	CR_1 Latch 1	zOutGrp 4	

Figure 3: Output Groups Event

5. Open the card database editor Click card, card editor, card admin, Open, and select which output group the card belongs to by editing the output group column.

	Status	Card	Name	First Name	Area Group	Output Group	
1	Enabled	13	HAnnibal	Michael	zArea group 01	Testing Out GRP	
2	Enabled	103	zCard 002		zArea group 01	zOutGrp 2	
3	Enabled	1103	zCard 003		zArea group 01	zOutGrp 3	
4	Enabled	11103	zCard 004		zArea group 01	zOutGrp 4	
5	Enabled	5	zCard 005		zArea group 01		
6	Enabled	6	zCard 006		zArea group 01		
7	Enabled	7	zCard 007		zArea group 01		
8	Enabled	8	zCard 008		zArea group 01		
9	Enabled	9	zCard 009		zArea group 01		
10	Enabled	10	zCard 010		zArea group 01		
11	Enabled		zCard 011		zArea group 02		

Figure 4: Card Admin

6. Troubleshooting:
    a. Output groups stops working after a while:
        i. On the HH Programmer check to see if the output groups are still enabled.

0 n/Output Group

        ii. In the software, card database, check to see if the card still has an output groups assigned to it.
        iii. In the software, Output groups. Check to see if the output group events are still setup correctly (See above for the steps).
        iv. If the settings are fine. Run a setup and reset to the controller, in the controller setup.
    b. Card not found, or incorrect card number in main activity when card is badged at reader:
        i. Check the FW version of the controller,
            1. CR355 FW version 2.29 or greater (Check controller setup).
            2. CR390 FW version 0.81 or greater (Check controller setup).
        ii. Check if the card has a card number in card admin.
    c. Output Group events are setup but do not get sent to the controller.
        i. Ensure that the reader is set for Random Database(DB10)
        ii. Ensure that the controller where the output group events are intended to be used is a CR390 controller with FW version 0.81 or above
        iii. Check that output groups are enabled on the CR390
    d. Some of the outputs in the group do not work properly
        i. Check the type in output setup. Ensure that the type is set for AUX and that the time group is correct. EG: level one out 24H or level 1 output never.
        ii. Check the action is setup correctly. If it is set correctly run a setup to the controller
        iii. Check the time group in output group events and ensure that it is the time group needed.