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# Parking Counter How2

Version 0. 1

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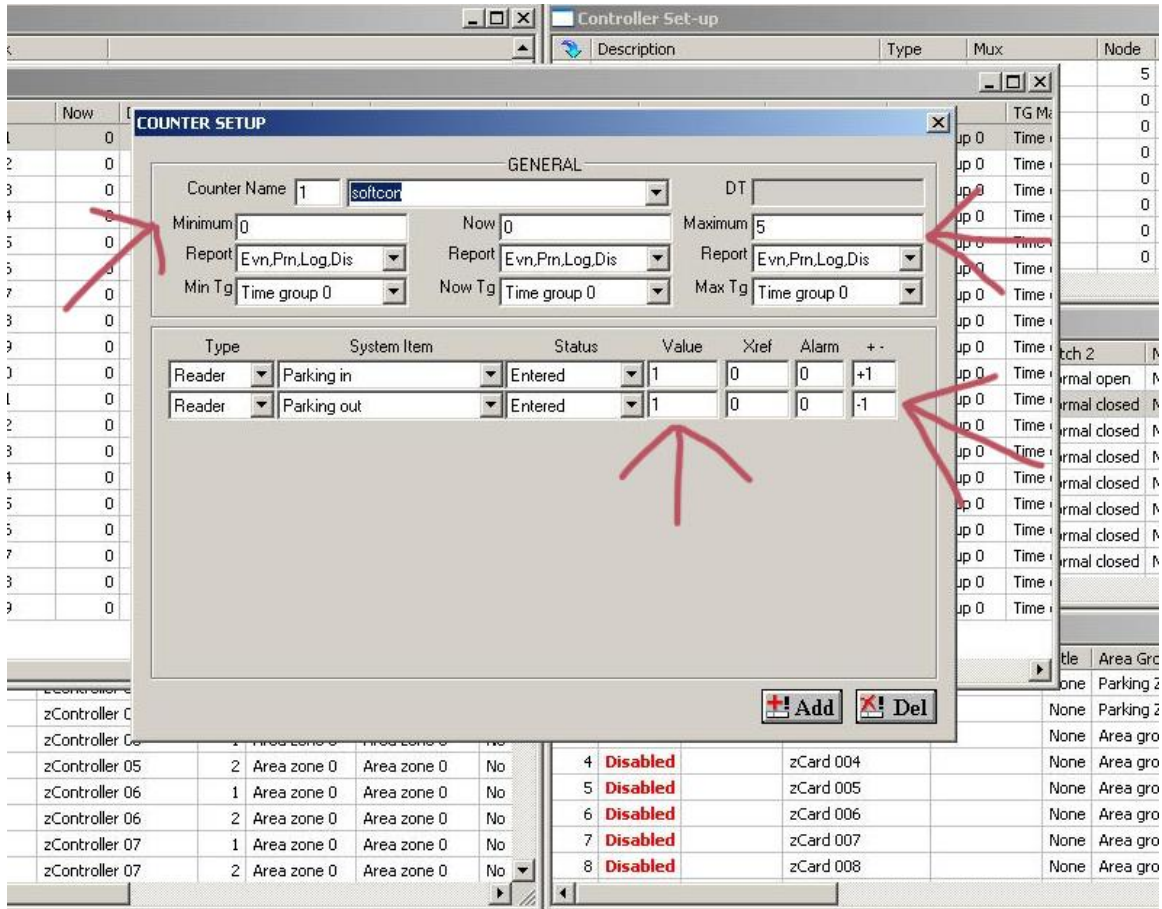
Softcon Software Control Services (Pty) Ltd.

**2017-3-07**

# Revision History

Name	Date	Reason For Changes	Version
MDH	5-Nov-10	Initial document	0.1

- Setup site as per normal [area zone, controller setup, cr351-5, reader setup]
- Setup counter, available must be on zero and maximum must be on the total amount of cards per company and out into the area.
- And two triggers by clicking the add button twice
- Trigger one must have: type=reader, system item=parking in, status=entered, value=1, xref=0, and +=+1
- Trigger two must have: type=reader, system item=parking lot, status=entered, value=1, xref=0, and += -1. For example:

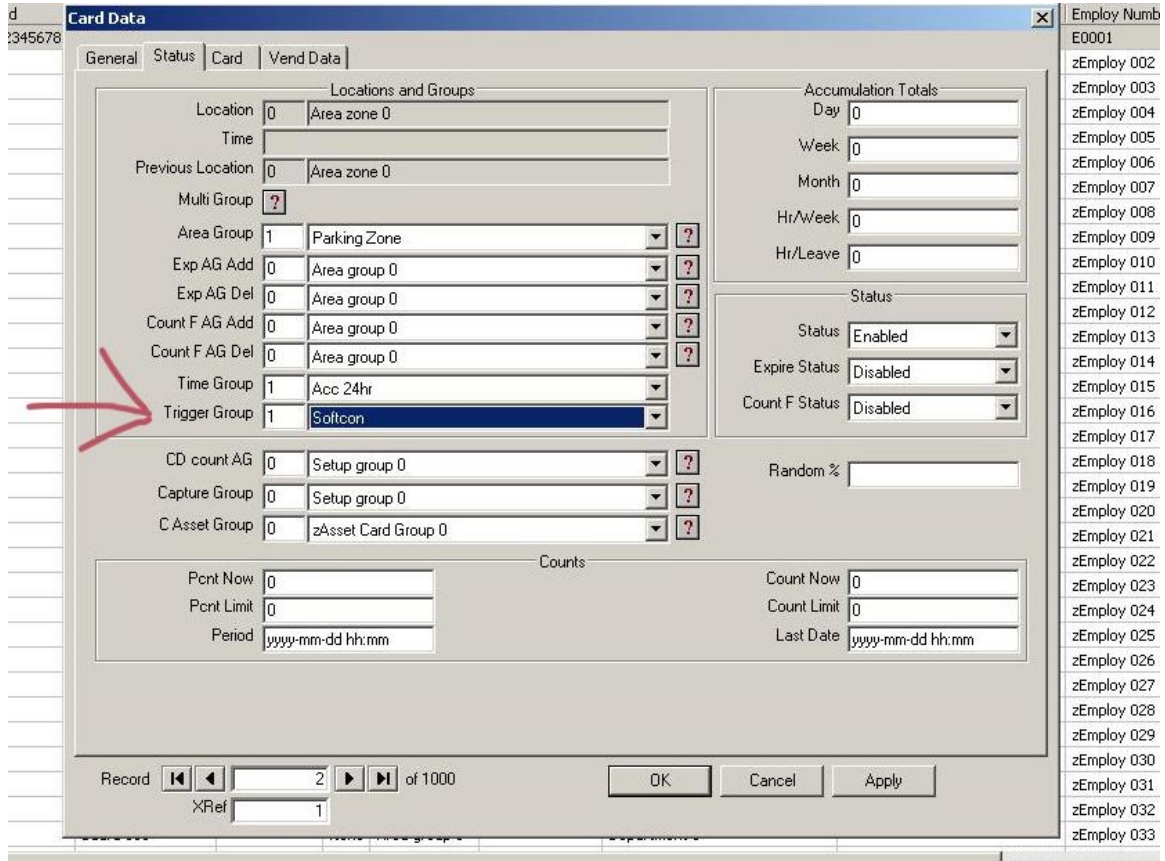


- The only difference between company counters will be the counter name and the value, which will be two or three or four respectively.

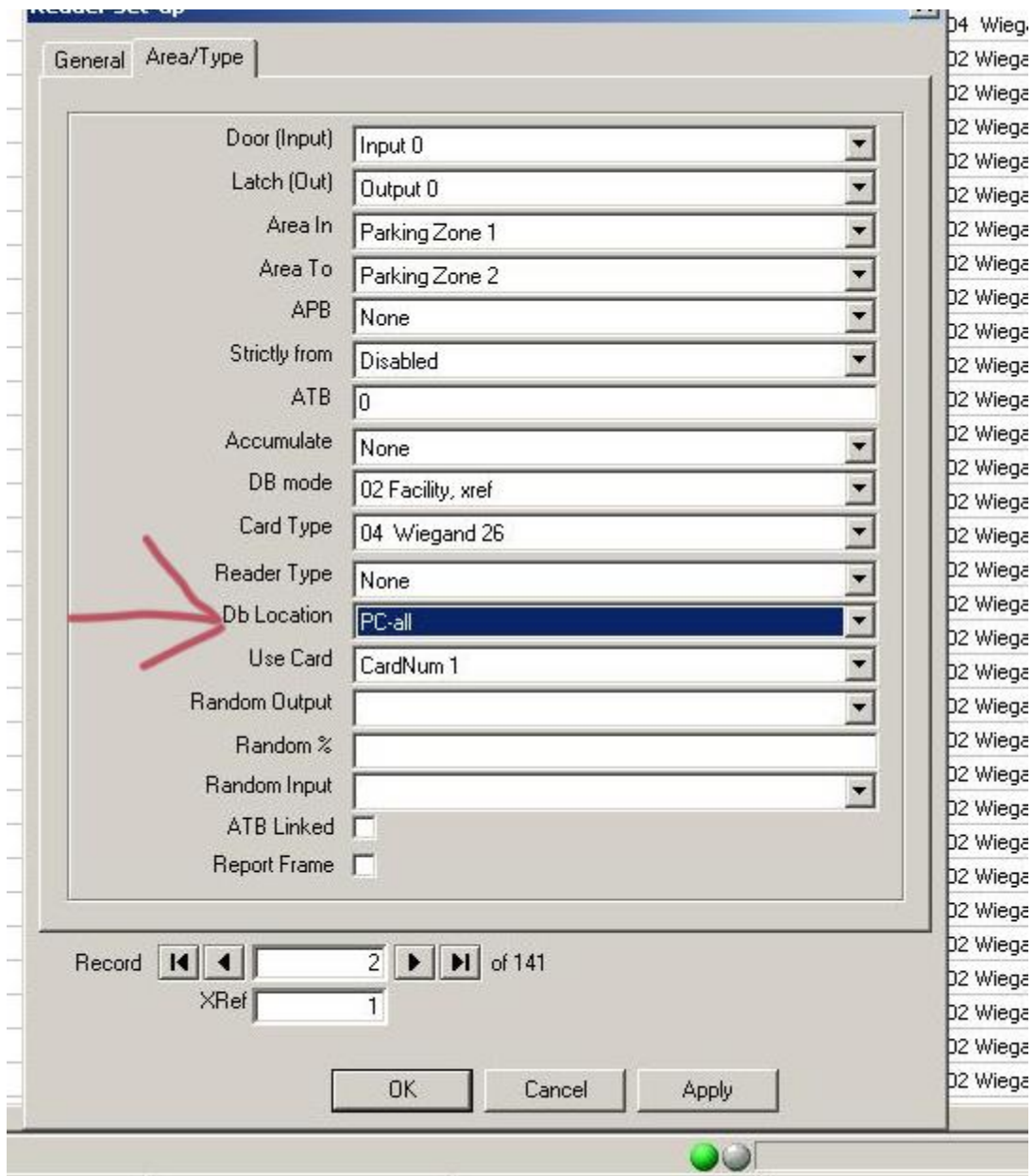


The trigger group is what links the counter to the card for example the value entered in the counter properties screen is linked via trigger group to the trigger group field on the properties dialog box of that particular card.

For example all cards belonging to Softcon will have the trigger group of one and all cards belonging to catalogs will have the trigger group of two



- Next in your readers set up right click on the reader and select properties, click on the area/type tab and change the D. B. location from cntrl-all to pc-all.
- NB: the db location must be changed on both the in and the out readers



- Next you need to set up an event, click on setup and click event. Scroll down to the next available space and fill in the name such as Softcon parking in.
- You will need to add three triggers and two events.

Event Name: 2 softcon parking in  
 Algorithm: (11+12)\*10

PC	Program	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2
Resolve	SCS_Client	Reader	Parking in	Entered	-10	-10	0	0	0
Resolve	SCS_Client	Output	CR_1 Latch 1	Level changed	1	0	0	0	0

EVENT TRIGGERS

Ref	Reader	System Item	Status	Value	Xref	Alarm	Z1	Z2
10	Reader	Parking in	Card enabled	1	0	0		
11	Counter	softcon	In Available	0	0	0		
12	Counter	softcon	In Minimum	0	0	0		

zController	ID	Area zone	Area zone	No	None	None	0	No	02 Wiegand 30	02 Facility, xref
zController 16	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref
zController 16	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref

- The value in the event line reader will be the same number in the reference for the trigger reader, the negative sign means any information needed will be pulled from their such as card numbers etc.
- Event reads: if a card enabled message comes through and the counter is available or in minimum, generate an entered message as well as change the level of the latch
- The event for the count reader will look the same except with the trigger and latch

The screenshot shows an 'EVENT' configuration window with the following data:

PC	Program	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2
Resolve	SCS_Client	Reader	Parking out	Entered	-13	-13	0	0	0
Resolve	SCS_Client	Output	cr_1 Latch 2	Level changed	1	0	0	0	0

Ref	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2
13	Reader	Parking out	Card enabled	1	0	0		
14	Counter	softcon	In Maximum	0	0	0		
15	Counter	softcon	In Available	0	0	0		

zController 16	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref
zController 16	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref
zController 17	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility, xref

- And lastly the only difference between account groups in the event setup is that the counter triggers will be referred to their respective counters for example Softcon's parking will refer to Softcon's counter and Kellogg's parking will refer to Kellogg's counter .



Controller	Port	Area In	Area To	PIN used	Accume	APB	ATB	TG per reader	Card Type	DB mode	ATB
zController 16	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility	xref
zController 16	2	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility	xref
zController 17	1	Area zone 0	Area zone 0	No	None	None	0	No	02 Wiegand 30	02 Facility	xref

**EVENT**

Event Name: 5 Kellogg Parking out

Algorithm: (20+21)\*19

PC	Program	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2
Resolve	SCS_Client	Reader	Parking out	Entered	-19	-19	0	0	0
Resolve	SCS_Client	Output	CR_1 Latch 2	Level changed	1	0	0	0	0

+ Add    - Del

**EVENT TRIGGERS**

Ref	Reader	System Item	Status	Value	Xref	Alarm
19	Reader	Parking in	Card enabled	0	0	0
20	Counter	Kellogg	In Available	0	0	0
21	Counter	Kellogg	In Maximum	0	0	0

+ Add    - Del