

Adding Biometric finger print reader (FPR)

Wiegand connection

You can add a Wiegand finger print or Wiegand facial recognition reader to the AC8000 PC Access Control System very easily. All users will need to be added to the reader in the first instance, then connect the reader to the AC8000 control board

Click on **Operation/Console/Monitor**

Highlight a door and click **Monitor**

Present the users finger to the FPR and it will be displayed as a digit. For this example we are using 'Paul' who we can see has attempted to access the door but is not allowed access. His access attempt is displayed by the software as a **Card ID** number 4 and highlighted in orange as a denial of access

The screenshot shows the AC8000 Access Control System software interface. The main window is titled 'Console' and contains a table of access records. A blue arrow points from the text above to the 'Info' column of the table, specifically to the entry for Card ID 4.

	Time	Desc	Info
✓ 1	15:09:24	Office door-Office do...	3-Finger print - Kev--2014-07-09 15:09:25 Wednesday-Office door-O...
2	15:09:34	Office door-Office do...	4---2014-07-09 15:09:35 Wednesday-Office door-Office door -Exit-D...
3	15:10:38	Office door-Office do...	4---2014-07-09 15:10:39 Wednesday-Office door-Office door -Exit-D...
✓ 4	15:10:52	Office door-Office do...	3-Finger print - Kev--2014-07-09 15:10:54 Wednesday-Office door-O...

Card NO: 3
Name: Finger print - Kev
Building Room:
Read Date: 2014-07-09 15:10:54 Wednesday
Addr: Office door-Office door -Exit
Status: Swipe

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By reverting to the **Query Swipe Records** we can see that 'Paul' has been allocated a **Card ID** number 4. With this information, you need to add this **Card ID** as a user within **Configuration/Personnel** and then allocate the required **Access Privilege**

The screenshot shows the 'Query Swipe Records' window in the AC8000 Access Control System. The interface includes a menu bar (File, Configuration, Operation, One Card Multifunction, Tools, Help), a toolbar with 'Print', 'Export To Excel', 'Query Options', and 'Find', and a search area with 'From: First Event', 'To: Last Event', and a time range of '00:00' to '23:59'. Below the search area is a table with the following columns: RecID, Card NO, User ID, User Name, Bulding Room, DateTime, Addr, Vali, and Description. A blue arrow points to the 'Card NO' column, specifically to the value '4' in the second row (RecID 467).

RecID	Card NO	User ID	User Name	Bulding Room	DateTime	Addr	Vali	Description
468	3	8	Finger print - Kev		2014-07-09 15:10:54 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Swipe
467	4				2014-07-09 15:10:39 ...	Office door-Offi...	<input type="checkbox"/>	Denied Access:No PRIVILEGE
466	4				2014-07-09 15:09:35 ...	Office door-Offi...	<input type="checkbox"/>	Denied Access:No PRIVILEGE
465	3	8	Finger print - Kev		2014-07-09 15:09:25 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Swipe
464	3	8	Finger print - Kev		2014-07-09 15:07:51 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Swipe
463	0				2014-07-09 15:05:27 ...	Office door-Offi...	<input type="checkbox"/>	Controller Power On
462	0				2014-07-09 15:04:14 ...	Office door-Offi...	<input type="checkbox"/>	Controller Power On
461	0				2014-07-09 15:04:03 ...	Office door-Offi...	<input type="checkbox"/>	Controller Power On
460	3	8	Finger print - Kev		2014-07-09 14:05:32 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Swipe
459	3	8	Finger print - Kev		2014-07-09 14:04:06 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Swipe
458	9				2014-07-09 14:04:02 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Door Closed
457	3				2014-07-09 13:59:57 ...	Office door-Offi...	<input type="checkbox"/>	Denied Access:No PRIVILEGE
456	8				2014-07-09 13:59:08 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Door Open
455	9				2014-07-09 13:59:08 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Door Closed
454	8				2014-07-09 13:59:07 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Door Open
453	85				2014-07-09 13:59:07 ...	Office door-Offi...	<input type="checkbox"/>	Forced Open
452	0				2014-07-09 13:58:53 ...	Office door-Offi...	<input type="checkbox"/>	Controller Power On
451	1				2014-07-07 18:00:54 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Remote Open Door
450	0				2014-07-07 18:00:30 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
449	0				2014-07-07 17:59:15 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
448	0				2014-07-07 17:57:02 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
447	0				2014-07-07 17:44:42 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
446	1				2014-07-07 17:44:03 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Remote Open Door
445	1				2014-07-07 17:39:44 ...	Office door-Offi...	<input checked="" type="checkbox"/>	Remote Open Door
444	0				2014-07-07 17:39:18 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
443	0				2014-07-07 17:25:46 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
442	0				2014-07-07 17:25:36 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
441	0				2014-07-07 17:23:31 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
440	0				2014-07-07 17:22:53 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
439	0				2014-07-07 17:16:24 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT
438	0				2014-07-07 17:15:46 ...	Office door-Offi...	<input type="checkbox"/>	Controller Reset-WDT

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We have now added 'Paul' as a user and allocated the relevant **Access Privilege**

The screenshot shows the main interface of the AC8000 Access Control System. The 'Access Privilege' tab is selected. A table lists users with their IDs, names, card numbers, and access status. A blue arrow points to the entry for 'Paul'.

User ID	User Name	Card NO	Attendance	Access	Active Date	Deactive Date	Building Room
2	Jim	16029663	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-06-07	2029-12-31	Sales
3	Dee	1232297	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-06-07	2029-12-31	Admin
4	Dan	1232053	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-06-07	2029-12-31	Sales
5	Sam	7435345	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-06-07	2029-12-31	Admin
6	Mick	7423899	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-06-07	2029-12-31	Installation
7	Dave	16335339	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-06-10	2029-12-31	
8	Finger print - Kev	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-07-09	2029-12-31	
9	Finger print - Paul	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2014-07-09	2029-12-31	

The screenshot shows the 'Access Privilege Assignment' dialog box. It displays a list of users on the left and a list of selected users on the right. The 'Selected Users' list includes '9 / Finger print... 4'. Below the lists, there are sections for 'Doors' and 'Selected Doors' with a list of 'office door'. At the bottom, there are buttons for 'Forbidden And Download', 'Find', 'Allow', 'Allow And Download', and 'Exit'.

Click on **Operation/Console/Monitor**

Highlight a door and click **Monitor** and you can see that 'Paul' is now granted access

The screenshot shows the AC8000 Access Control System interface. The 'Console' tab is active, and the 'Query Swipe Records' window is open. The 'Office door' is selected in the list. The 'Monitor' button is highlighted in green. A detailed view of the selected event is shown on the right, indicating that Card NO: 4 (Finger print - Paul) was used to access the Office door-Office do... on 2014-07-09 15:17:28 Wednesday.

Time	Desc	Info
15:17:27	Office door-Office do...	4-Finger print - Paul--2014-07-09 15:17:28 Wednesday-Office door...

Card NO: 4
Name: Finger print - Paul
Building Room:
Read Date: 2014-07-09 15:17:28 Wednesday
Addr: Office door-Office door-Exit
Status: Swipe

The screenshot shows the AC8000 Access Control System interface with the 'Query Swipe Records' window open. The 'Monitor' button is highlighted in green. The list of events is displayed, showing various access attempts and system events.

RecID	Card No	Door ID	Door Name	Building Zone	AccessTime	Access	Description
462	4	8	Finger print - Key		2014-07-09 15:17:28	Office door-Office...	Swipe
467	4	8	Finger print - Key		2014-07-09 15:18:30	Office door-Office...	Denied Access:R PRIVILEGE
468	4	8	Finger print - Key		2014-07-09 15:18:35	Office door-Office...	Denied Access:R PRIVILEGE
465	3	8	Finger print - Key		2014-07-09 15:18:26	Office door-Office...	Swipe
464	3	8	Finger print - Key		2014-07-09 15:07:51	Office door-Office...	Swipe
463	0				2014-07-09 15:05:27	Office door-Office...	Controller Power On
462	0				2014-07-09 15:04:14	Office door-Office...	Controller Power On
461	0				2014-07-09 15:04:03	Office door-Office...	Controller Power On
460	3	8	Finger print - Key		2014-07-09 14:06:30	Office door-Office...	Swipe
459	3	8	Finger print - Key		2014-07-09 14:04:06	Office door-Office...	Swipe
458	9				2014-07-09 14:04:02	Office door-Office...	Door Closed
457	3				2014-07-09 13:58:57	Office door-Office...	Denied Access:R PRIVILEGE
456	8				2014-07-09 13:53:08	Office door-Office...	Door Open
455	9				2014-07-09 13:53:08	Office door-Office...	Door Closed
454	8				2014-07-09 13:53:07	Office door-Office...	Door Open
453	85				2014-07-09 13:53:07	Office door-Office...	Swipe Open
452	0				2014-07-09 13:54:53	Office door-Office...	Controller Power On
451	1				2014-07-07 18:03:54	Office door-Office...	Remote Open Door
450	0				2014-07-07 18:03:30	Office door-Office...	Controller Reset-WT
449	0				2014-07-07 17:58:15	Office door-Office...	Controller Reset-WT
448	0				2014-07-07 17:57:02	Office door-Office...	Controller Reset-WT
447	0				2014-07-07 17:44:42	Office door-Office...	Controller Reset-WT
446	1				2014-07-07 17:44:03	Office door-Office...	Remote Open Door
445	1				2014-07-07 17:39:44	Office door-Office...	Remote Open Door
444	0				2014-07-07 17:38:18	Office door-Office...	Controller Reset-WT
443	0				2014-07-07 17:28:46	Office door-Office...	Controller Reset-WT
442	0				2014-07-07 17:25:36	Office door-Office...	Controller Reset-WT
441	0				2014-07-07 17:23:31	Office door-Office...	Controller Reset-WT
440	0				2014-07-07 17:22:53	Office door-Office...	Controller Reset-WT
439	0				2014-07-07 17:15:24	Office door-Office...	Controller Reset-WT