

# FINGERTEC CLOUD CENTER (FCC) MANUAL

## 1.0 Introduction

FingerTec Cloud Center is a web platform for users to integrate their FingerTec terminals within a web application in order to keep safe their terminal information, transactions data and user data as a backup. Any mishaps in data handling be it in the software or hardware can be solved by simply retrieving the backup data. However, do take note that the data kept in the FingerTec Cloud Center is in raw format and is only comprehensible when transferred to either the Ingress or TCMS software. The cloud center will centralize the data from all FingerTec terminals in a real-time manner.

To use FingerTec Cloud Center, you will need to insert the FCC IP into the terminals. Once the IP is inserted into the terminals, you will need to proceed to activate the terminals in the software. The terminals will start to send data (terminal information, transactions data and user data) in real-time back to FCC through an active connection. In the event of a connection failure, the terminals will store the data into a buffer memory and resume sending the data once the connection is established again, hence avoiding any loss of data and records.

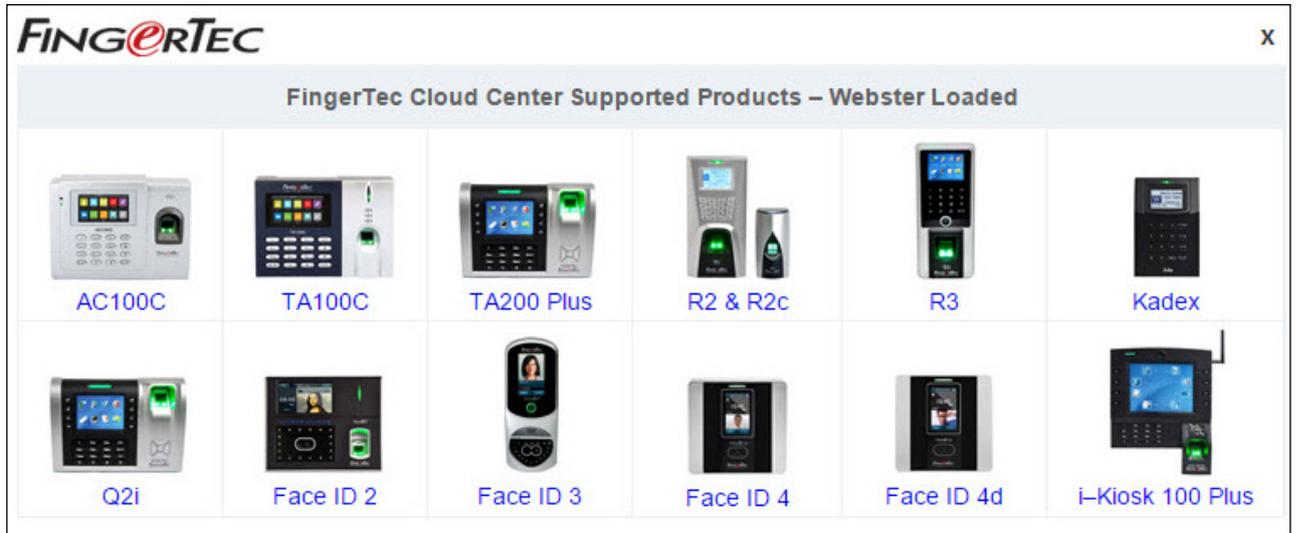
To highlight the differences between the conventional connection to the FingerTec Cloud Center connection method, refer to the table below.

Conventional Method	FCC Method
<ul style="list-style-type: none"><li>• Data is stored in each individual FingerTec terminal</li></ul>	<ul style="list-style-type: none"><li>• Data will be centralized and stored in the FCC</li></ul>
<ul style="list-style-type: none"><li>• Data will need to be downloaded into the Software</li></ul>	<ul style="list-style-type: none"><li>• Data is uploaded into FCC in real-time</li></ul>
<ul style="list-style-type: none"><li>• Installation of software is a must to control and manage the terminals</li></ul>	<ul style="list-style-type: none"><li>• Once terminal is connected to the FCC, all management will be web-based</li></ul>
<ul style="list-style-type: none"><li>• For multiple-site installation, configuration on the router/port forwarding needs to be done at each router on each site</li></ul>	<ul style="list-style-type: none"><li>• Simply configure the terminals by entering the FCC IP address and port to connect the terminals at multiple sites back to the FCC</li></ul>

**Note:** FCC is not a complete time attendance or door access solutions. It is only an intermediary software to consolidate the data from FingerTec terminals into a centralized database as a backup. FCC do not provide any form of attendance or access control analysis; it provides terminal list with information of the version of the terminal, total transaction count, algorithm version, user and & fingerprint count in the terminal . These raw data will be presented line by line. FCC also do not provide any reports because it is not integrated with any calculations logic.

## 1.1 FingerTec Cloud Center Supported Devices

Below is the list of terminals which you can connect to the FingerTec Cloud Center and these terminals are preloaded with Webster. Terminals that are not in the list cannot use FCC due to technical limitations and no customization requests will be entertained.



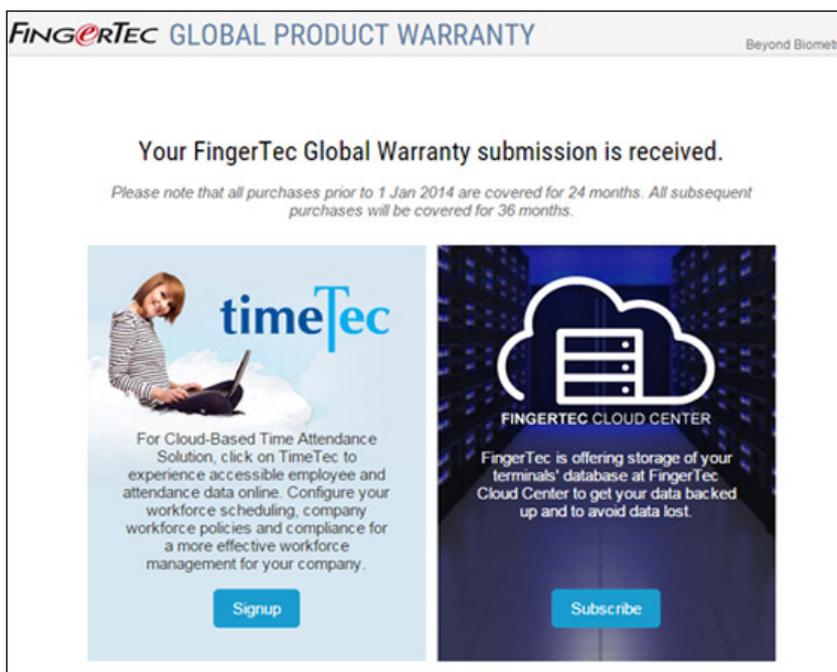
## 2.0 Configuring FingerTec Terminals and FingerTec Cloud Center.

### 2.1 FingerTec Cloud Center Registration

limitations and no customization requests will be entertained.

#### a) Via Warranty Submission Page

During warranty submission, you can subscribe for the FCC at the Submission Page. Once you have entered the details in in the Global Product Warranty Page and click Submit, you will be prompted the FCC selection. Click on "Subscribe" and proceed with the subscription.



b) Register Directly from the FCC link



- If you have submitted your warranty before FCC is launched, you can go to the FCC page at the link below and click on the Subscribe button.  
<http://fcc.fingertec.com/>



- You will be re-directed to the registration page as per below.

Title*	Ms
Industry*	Cloud Computing / Wel
Company Name*	TimeTec Computing
Address 1*	No 6.8 & 10
Address 2	Jalan BK 3/2
City*	Puchong
Zip Code*	47180
State*	Selangor
Country*	Malaysia
Time Zone*	GMT +8:00
Telephone*	03-80709933
Dealer Name*	TimeTec Computing Sdn B
Security Code*	2 3 4 6 8 28548
<input checked="" type="checkbox"/> I have read and agree to FCC Terms & Conditions	
<input type="button" value="Subscribe to FCC Now"/> <input type="button" value="Reset"/>	

- Enter all the data required and click on “Get FCC Now”.

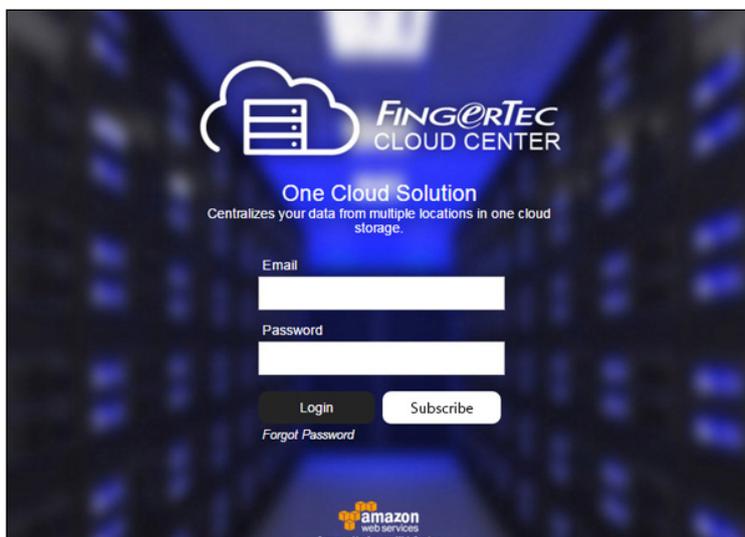
- Once the registration is successful, you will get a confirmation message and will be re-directed to the FCC’s login page.



## 2.2 Configuring FingerTec Terminals

Now enter the IP address and Port of the FCC Software into the terminal before you can establish a connection between the FingerTec terminals and FingerTec Cloud Center.

- Login to the FCC Account



**FINGERTEC CLOUD CENTER**

Welcome, Julianna

**TERMINAL LIST**

Download All Data | Reboot | Clear Log | Clear All Data | Add Terminal

Serial Number	Terminal ID	Terminal Name	Description	Firmware Version	Algorithm Version
3104281	1	Q2i	Testing Puchong	Ver 6.60 Aug 24 2012	10

Webster IP: 54.215.80.154 | Port No.: 80

- Check the Webster IP address and Port number of the FCC on the bottom left of the page.
- Determine the model of your terminal and follow the steps below to set the Webster IP and Port No. accordingly.

#### For Color Screen (AC100C, TA100C, TA200 Plus, R3, Q2i)

Go to **Menu** > **Comm.** > **Web Setup** > Set the IP and port according to the information obtained from your FCC page.

#### For Color Screen (AC100C FMM, TA100C FMM)

Go to **Menu** > **Comm.** > **Webserver** > Set the Server Address and Server Port according to the information obtained from your FCC page.

#### For i-Kiosk 100 Plus

Go to **Menu** > **Comm.** > **Webserver Settings** > Set the Webserver IP and Webserver Port according to the information obtained from your FCC page.

#### For Face Series (Face ID 2, Face ID 3, Face ID 4, Face ID 4d)

Go to **Menu** > **Connection** > **Webster Setting** > Set the Webserver IP and Server Port according to the information obtained from your FCC

#### For Black & White Screen Series (Kadex & R2)

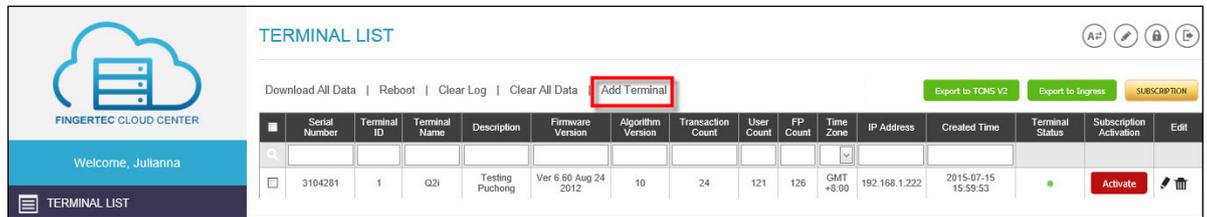
Go to **Menu** > **Options** > **Comm Opt** > **Webserver IP** > Set the IP obtained from your FCC page > **Web Port** > Set the port obtained from your FCC page

- Once these settings is configured correctly, you can now proceed to add your terminals to FingerTec Cloud Center.

## 2.3 Adding Terminals to FingerTec Cloud Center

You must add the terminals to the Cloud Center before you can start to backup the data from the terminals.

- To add the terminals, go to the Terminal List page > Select Add Terminals.



- Enter the serial number of your device and select which software you want to use this backup data with. Both Ingress and TCMSV2 do not have the same product keys and activation keys thus you will have to select the software correctly.

**ADD TERMINAL**

Serial Number   Ingress  TCMS V2

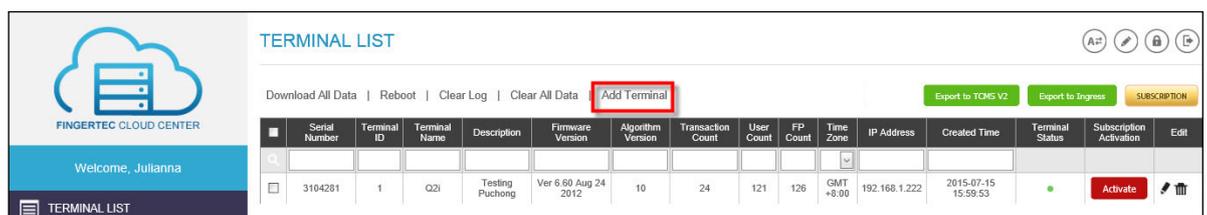
**Note: Serial Number is compulsory to identify the specific terminals you want to add to FCC.**

- Once you have keyed in the product and activation key correctly, you will see the device appearing on the Terminal List page. Now you can proceed to use the function available in the Terminal List Page.

### 2.3.1 Download All Data

The data will be pulled to FCC in real time manner. However, in an event of network down, you will need to re-initiate the download process manually by clicking on the Download All Data button.

**Note:** If you are using this terminal compatible to TCMS V2 software, please make sure that the data has been downloaded to FCC first before you download it to TCMS V2. This is because if your terminal is connected to TCMS V2 via TCP/IP Cable, the data will be automatically deleted once it is downloaded to TCMS V2 software.

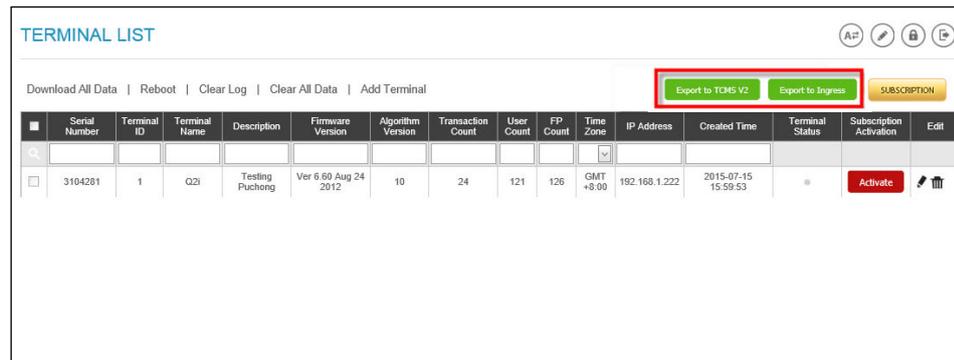


### 2.3.2 Reboot

In any case that you need to restart the terminal, you can do it from this page as well. Select the terminal by ticking the checker and click on the reboot button.

### 2.3.3 Clear Log

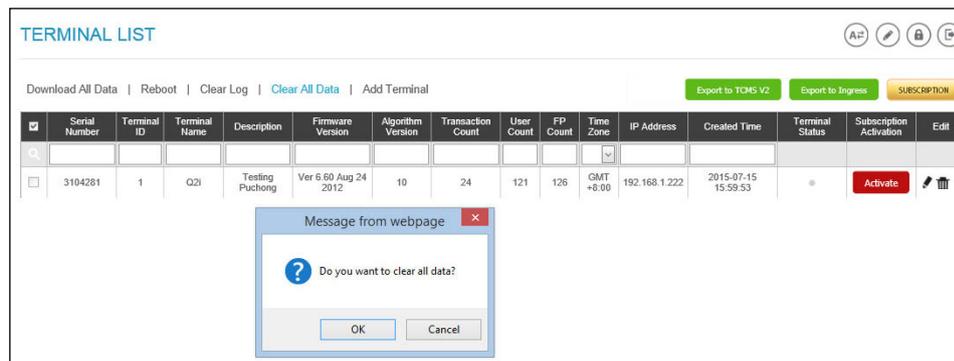
If you want to clear the logs in the terminals to prevent the overflow of data, you can select the clear log options in the Terminal List page. Select the terminal by ticking the checker beside the serial number and click on clear log. You will be prompted with a confirmation whether you want to continue to clear the logs. Click OK to continue and Cancel to abort.



The screenshot shows the 'TERMINAL LIST' interface. At the top, there are navigation buttons: 'Download All Data', 'Reboot', 'Clear Log', 'Clear All Data', and 'Add Terminal'. Below these are three buttons: 'Export to TCM5 V2' (highlighted with a red box), 'Export to Ingress', and 'SUBSCRIPTION'. The main table has columns for Serial Number, Terminal ID, Terminal Name, Description, Firmware Version, Algorithm Version, Transaction Count, User Count, FP Count, Time Zone, IP Address, Created Time, Terminal Status, Subscription Activation, and Edit. A single terminal entry is visible with serial number 3104281 and status 'Activate'.

### 2.3.4 Clear All Data

If you want to initialize your terminal, you can use this function to clear all the user's data as well as the transaction log from the terminal. Select the terminal by ticking the checker beside the serial number and click on clear all data. You will be prompted with a confirmation whether you want to continue to clear all the data. Click OK to continue and Cancel to abort.



The screenshot shows the 'TERMINAL LIST' interface with a confirmation dialog box overlaid. The dialog box is titled 'Message from webpage' and contains the question 'Do you want to clear all data?' with 'OK' and 'Cancel' buttons. The background interface is the same as in the previous screenshot, but the 'Clear All Data' button is now visible in the navigation bar.

## 3.0 User Transactions

- You will be able to view the users' information in the terminal such as the Name, User ID, Card Number, Privilege, User Group and the created time of the user.

**USER** A= [edit] [lock] [refresh]

\* Exclusively for Premium subscribers.

3104281

Serial Number	User ID	Name	Card Number	Privilege	User Group	Template Count	Created Time
3104281	1		0	User	1	1	2015-07-20 14:19:15
3104281	2	KLSSL Suzanne	7281523	User	1	0	2015-07-15 11:23:24
3104281	3	KLMM Mazni	526166	User	1	0	2015-07-15 11:23:24
3104281	4	KLKK Kevin	7235903	User	1	0	2015-07-15 11:23:24
3104281	5	KLAF Alhira	5201731	User	1	0	2015-07-15 11:23:24
3104281	6	KLAGA Afiqah	9628775	User	1	0	2015-07-15 11:23:24
3104281	7	KLAK Aysha	3544167	User	1	0	2015-07-15 11:23:24
3104281	8	KLAZ Annisa	1396185	User	1	0	2015-07-15 11:23:24
3104281	9	KLBA Nadia	252914	User	1	0	2015-07-15 11:23:24
3104281	10	KLDK Deepa	252913	User	1	0	2015-07-15 11:23:24

Page 1 of 9 (86 items) [1] 2 3 4 5 6 7 8 9 >

- Full access to Transaction Tab. You can view all the transaction available in your terminals in detail complete with the Check Type, Verify Code, Work Code and the Clocking Time.

**TRANSACTION** A= [edit] [lock] [refresh]

\* Exclusively for Premium subscribers.

3104281

Serial Number	User ID	Name	Check Type	Verify Code	Work Code	Clocking Time
3104281	680	SF Lim	0	0	0	2015-08-20 09:51:50
3104281	680	SF Lim	0	0	0	2015-08-20 09:51:10
3104281	680	SF Lim	0	0	0	2015-08-20 09:50:31
3104281	680	SF Lim	0	0	0	2015-08-19 17:43:49
3104281	680	SF Lim	0	0	0	2015-08-19 17:43:43
3104281	680	SF Lim	0	0	0	2015-08-19 17:39:31
3104281	680	SF Lim	0	0	0	2015-08-19 17:38:23
3104281	680	SF Lim	0	0	0	2015-08-19 17:31:53
3104281	680	SF Lim	0	0	0	2015-08-19 17:30:23
3104281	680	SF Lim	0	0	0	2015-08-11 17:13:40

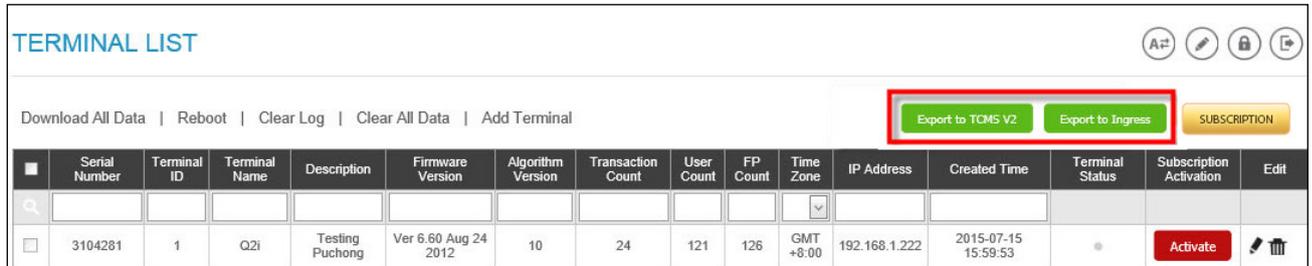
Page 1 of 6 (55 items) [1] 2 3 4 5 6 >

**Note:** If you are using this terminal compatible to TCMS V2 software, please make sure that the data has been downloaded to FCC first before you download it to TCMS V2. This is because if your terminal is connected to TCMS V2 via TCP/IP Cable, the data will be automatically deleted once it is downloaded to TCMS V2 software.

## 4.0 Retrieving Data from FCC and Restore it to the Software

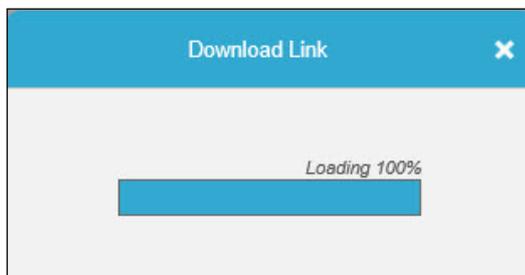
In an occasion that your data is lost or missing or even corrupted, you can use the backup in FCC to replace the lost data. To retrieve the data from FCC, follow the steps below.

- Go to the Terminal List Page and select whether to Export the backup to TCMS V2 or Ingress. Click on the software button of your choice.



The screenshot shows the 'TERMINAL LIST' interface. At the top right, there are icons for search, edit, lock, and refresh. Below these, there are buttons for 'Export to TCMS V2', 'Export to Ingress', and 'SUBSCRIPTION'. The 'Export to TCMS V2' and 'Export to Ingress' buttons are highlighted with a red box. Below the buttons is a table with columns: Serial Number, Terminal ID, Terminal Name, Description, Firmware Version, Algorithm Version, Transaction Count, User Count, FP Count, Time Zone, IP Address, Created Time, Terminal Status, Subscription Activation, and Edit.

Serial Number	Terminal ID	Terminal Name	Description	Firmware Version	Algorithm Version	Transaction Count	User Count	FP Count	Time Zone	IP Address	Created Time	Terminal Status	Subscription Activation	Edit
3104281	1	Q2i	Testing Puchong	Ver 6.60 Aug 24 2012	10	24	121	126	GMT +8:00	192.168.1.222	2015-07-15 15:59:53		Activate	



- Once the link is ready, you will need to download it to the PC by clicking on the green arrow button.



- Once the zip folder is downloaded to the PC, you will need to import this file directly into the software because you will not be able to make sense of the files in the zip folder as all the files are encrypted.

Any questions you have about FCC, direct your email to [support@fingertec.com](mailto:support@fingertec.com).