

AWDMS / Ingress Quick Installation Guide

1. Requirements:

- a. Ingress version 4.0.2.3 (with AWDMS support).

Ingress Server could be download from

[https://s3.amazonaws.com/files.fingertec.com/Software+Releases/Ingress/2020/4.0.2.3/Ingress+Server+\(MySQL\).zip](https://s3.amazonaws.com/files.fingertec.com/Software+Releases/Ingress/2020/4.0.2.3/Ingress+Server+(MySQL).zip)

Ingress Client could be downloaded from

[https://s3.amazonaws.com/files.fingertec.com/Software+Releases/Ingress/2020/4.0.2.3/Ingress+\(MySQL\).zip](https://s3.amazonaws.com/files.fingertec.com/Software+Releases/Ingress/2020/4.0.2.3/Ingress+(MySQL).zip)

- b. ADWMS version 3.1 which could be downloaded from

<https://s3.amazonaws.com/files.fingertec.com/Software+Releases/AWDMS/11-11-2020/AWDMS3.1.zip>

- c. ADWMS Setup Tool which could be downloaded from

<https://s3.amazonaws.com/files.fingertec.com/Software+Releases/AWDMS/11-11-2020/AWDMS+Setup+Tool+v1.1.zip>

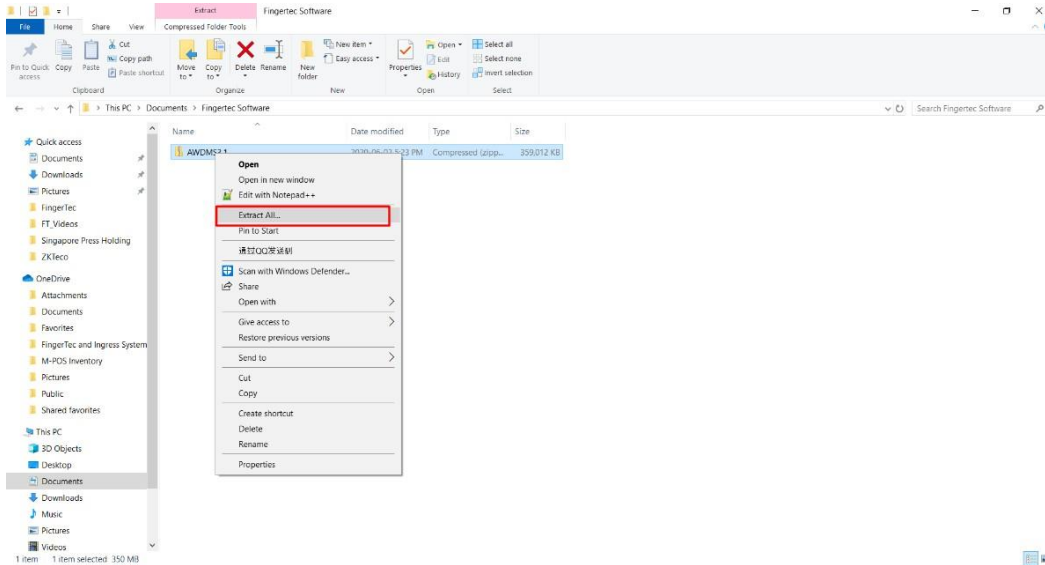
2. Installation:

Both Ingress and AWDMS MUST BE INSTALLED on the same PC. Please installation Ingress Server first, then followed by AWDMS. For Ingress installation, please refer to Ingress User Manual which could be found at <https://www.fingertec.com/customer/download/postsales/SUM-Ingress-E.pdf>.

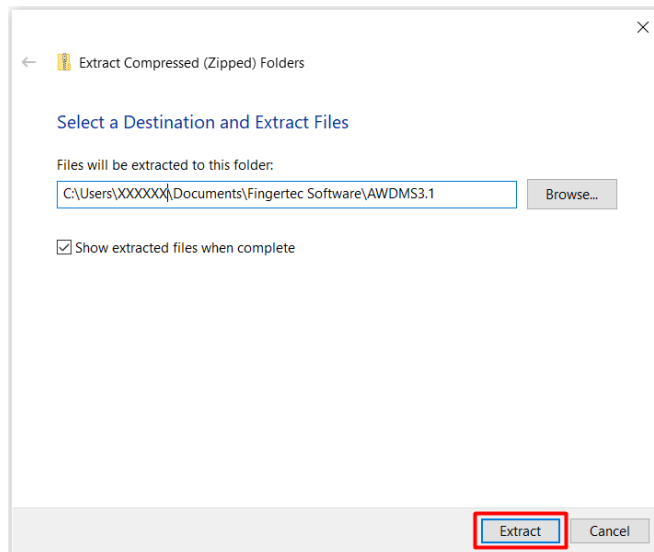
Upon the completion of Ingress Server, you may then start to install AWDMS. The steps required to install AWDMS are straightforward. Please make sure firewall and Antivirus software on the PC have been switch off.

Run AWDMS setup tool after you have installed AWDMS and rebooted your PC.

a. First, right click on AWDMS3.1.zip, then click on extract all:



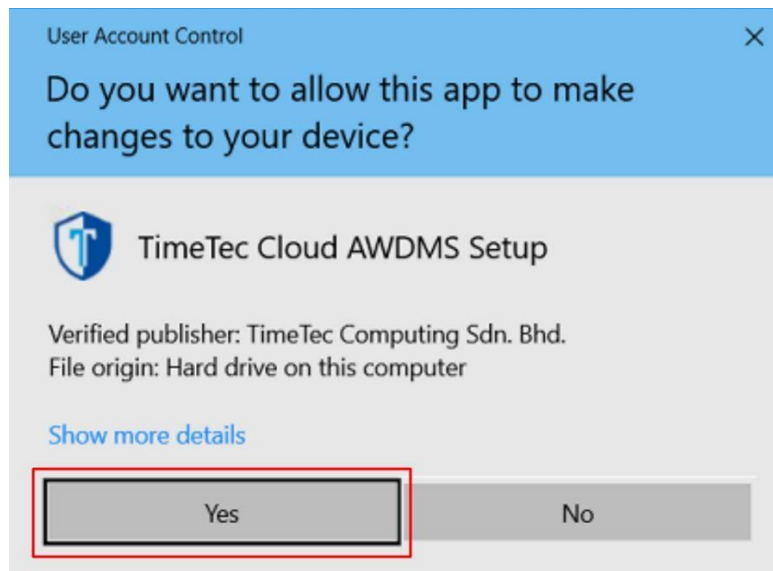
b. Click Extract button



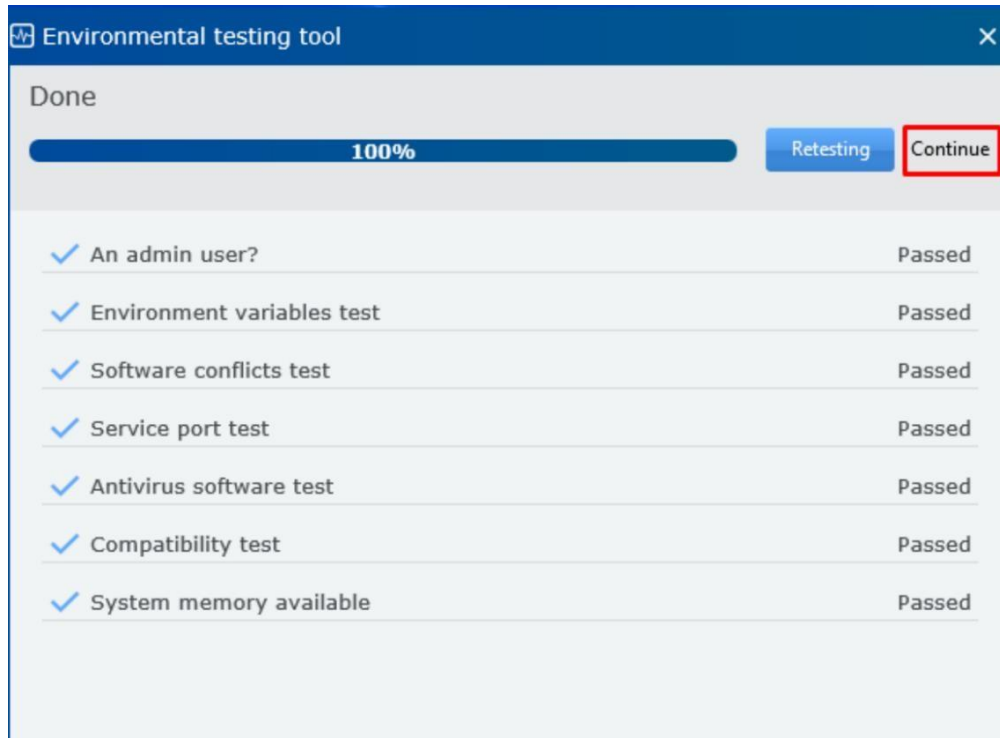
- c. Go AWDMS3.1 folder, look for setup.exe and click on setup.exe.

Name	Date modified	Type	Size
Config	2020-06-09 10:24 ...	File folder	
DLL	2020-06-09 10:24 ...	File folder	
Image	2020-06-09 10:24 ...	File folder	
jre8	2020-06-09 10:25 ...	File folder	
Languages	2020-06-09 10:25 ...	File folder	
logs	2020-05-27 5:09 PM	File folder	
Pubs	2020-06-09 10:25 ...	File folder	
service	2020-06-09 10:26 ...	File folder	
tools	2020-06-09 10:26 ...	File folder	
tray	2020-06-09 10:26 ...	File folder	
setup	2020-06-02 1:37 PM	Application	20,678 KB

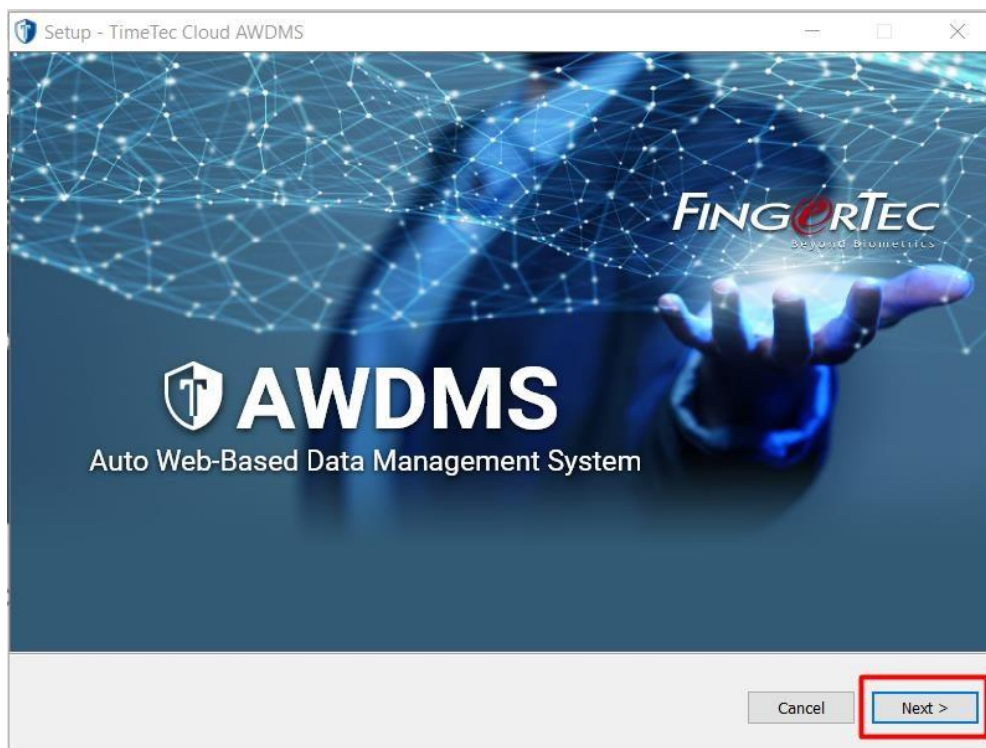
- d. In the User Account Control screen, select Yes to continue.



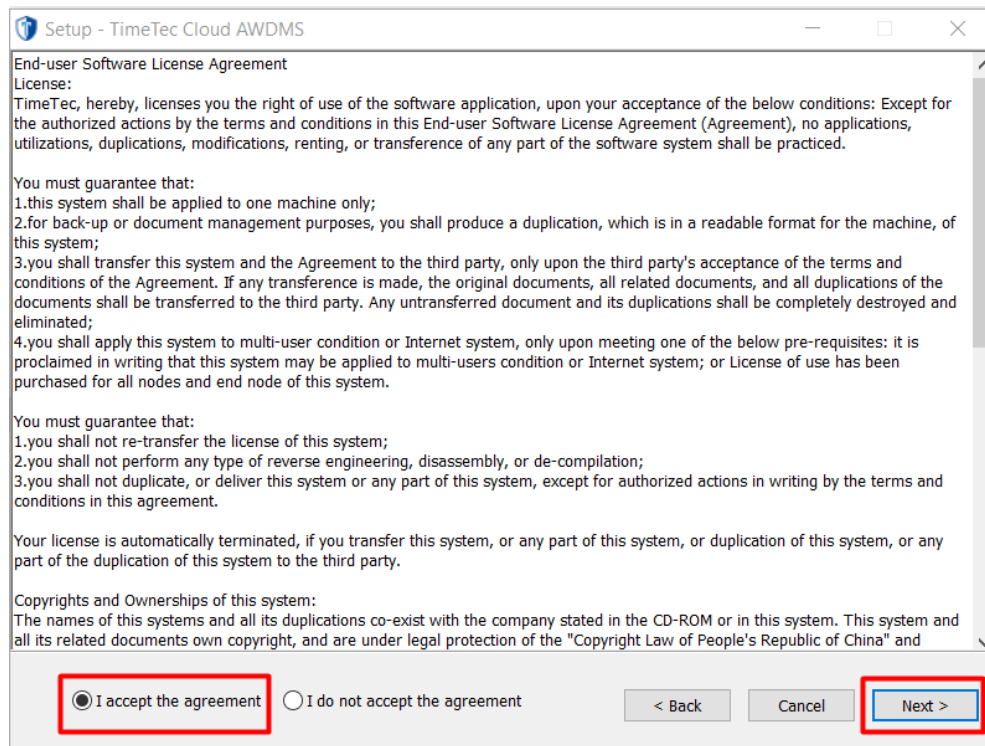
- e. AWDMS setup will run an environment testing prior to the actual installation, click Continue button when the test is completed.



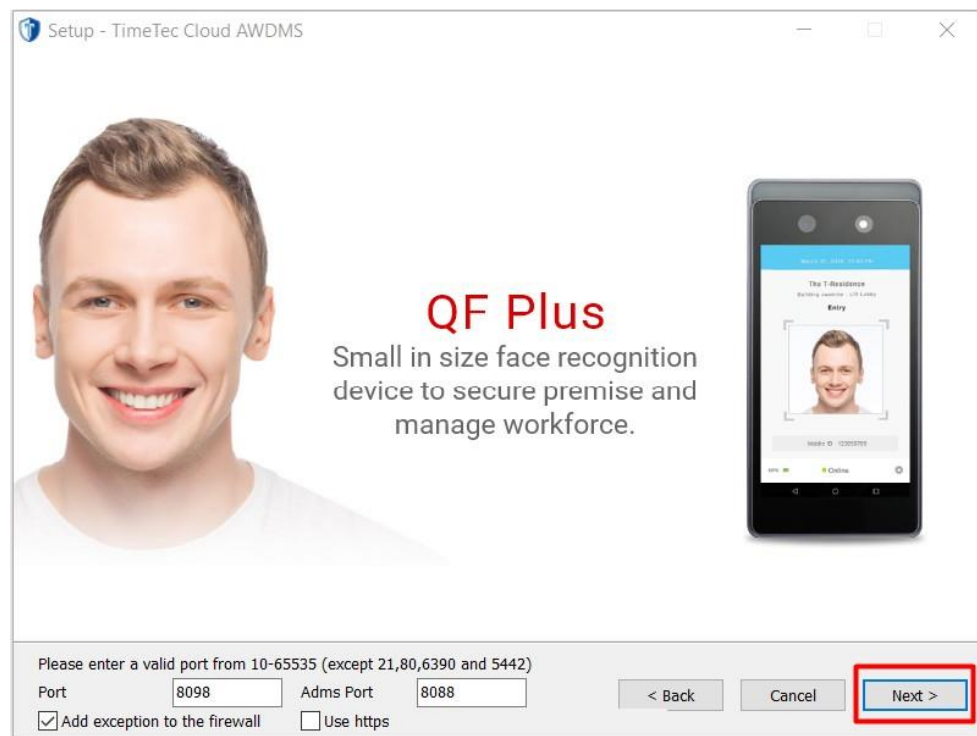
- f. Click Next button to continue.



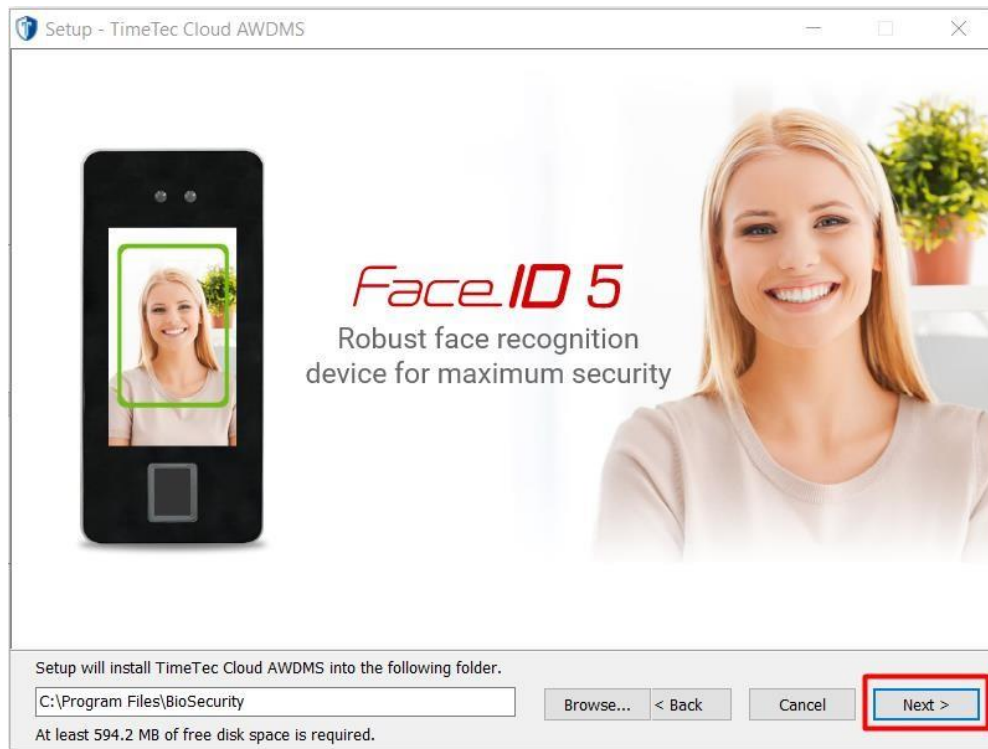
g. Select "I accept the agreement", then click Next button.



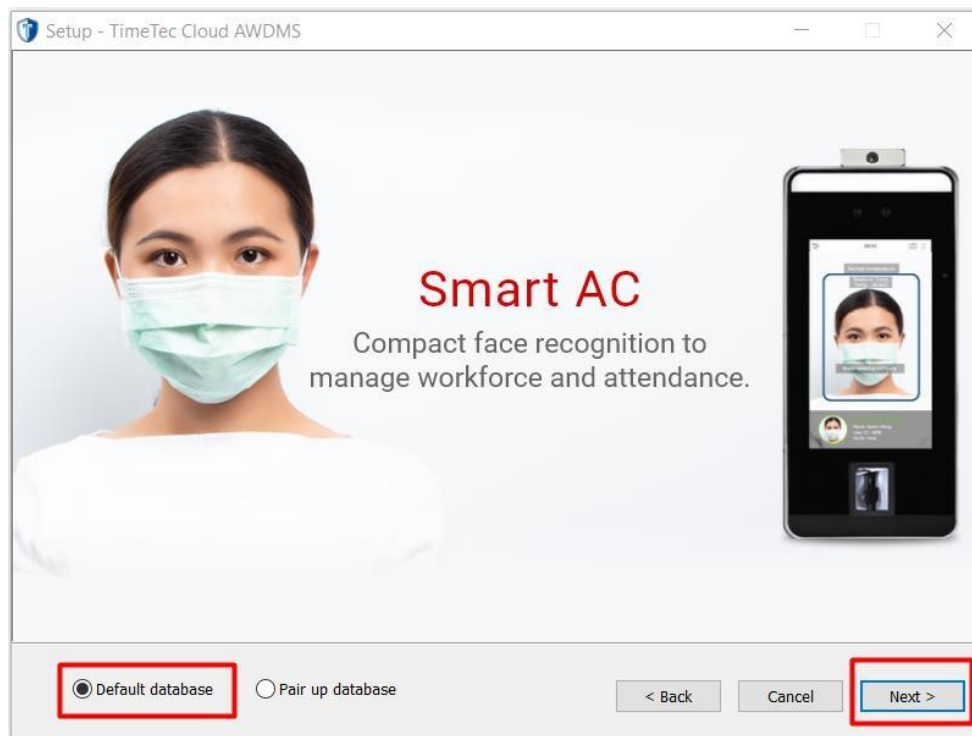
h. Left the Port and ADMS Port as it is, click Next button.



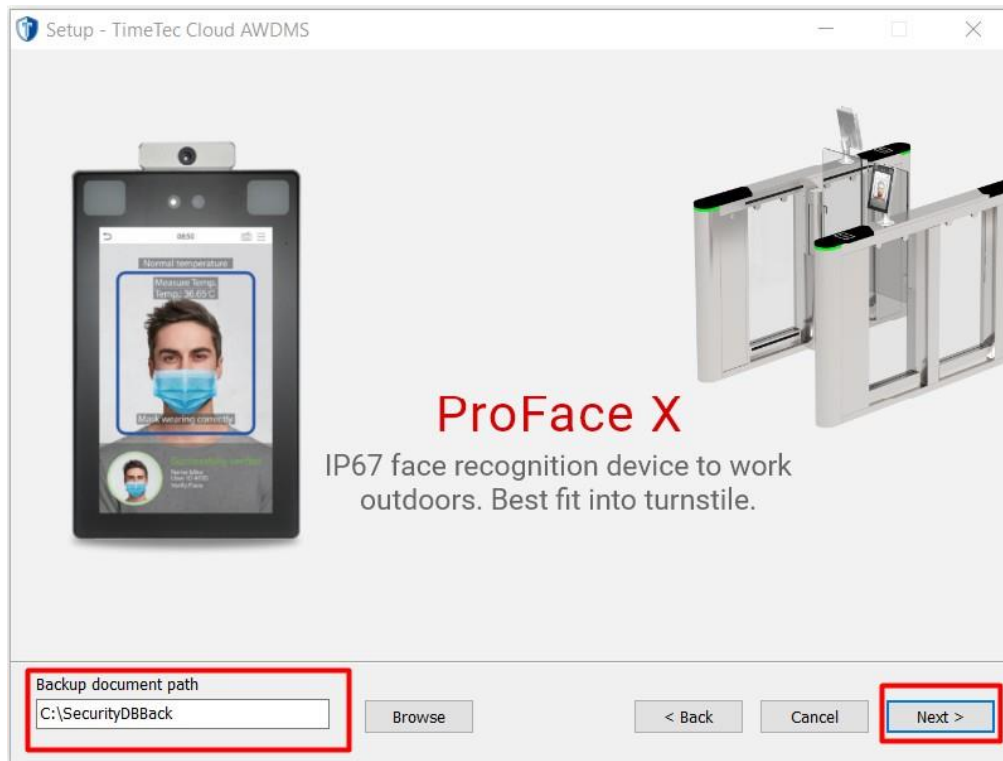
i. click Next button.



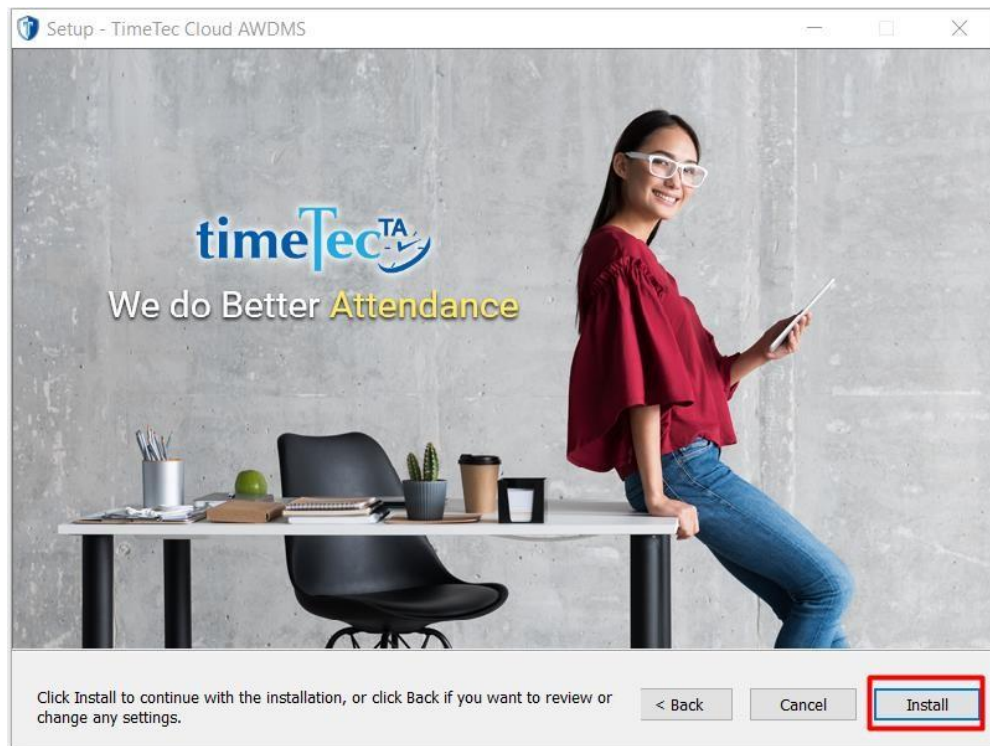
j. Click Next button.



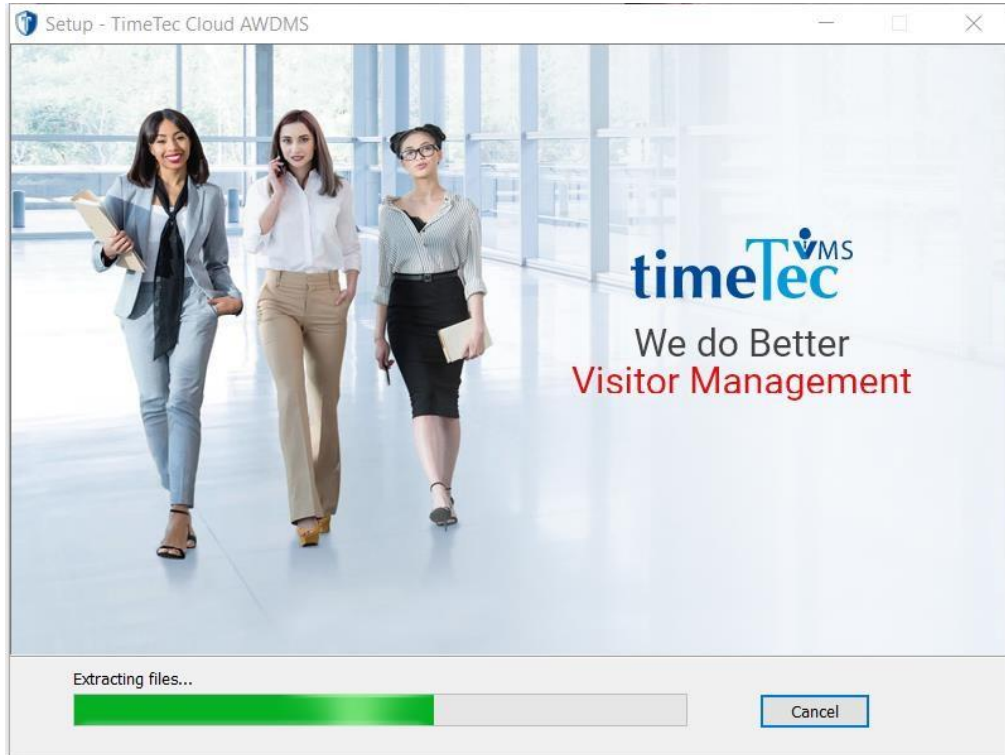
k. Set your backup document path, then click Next button.



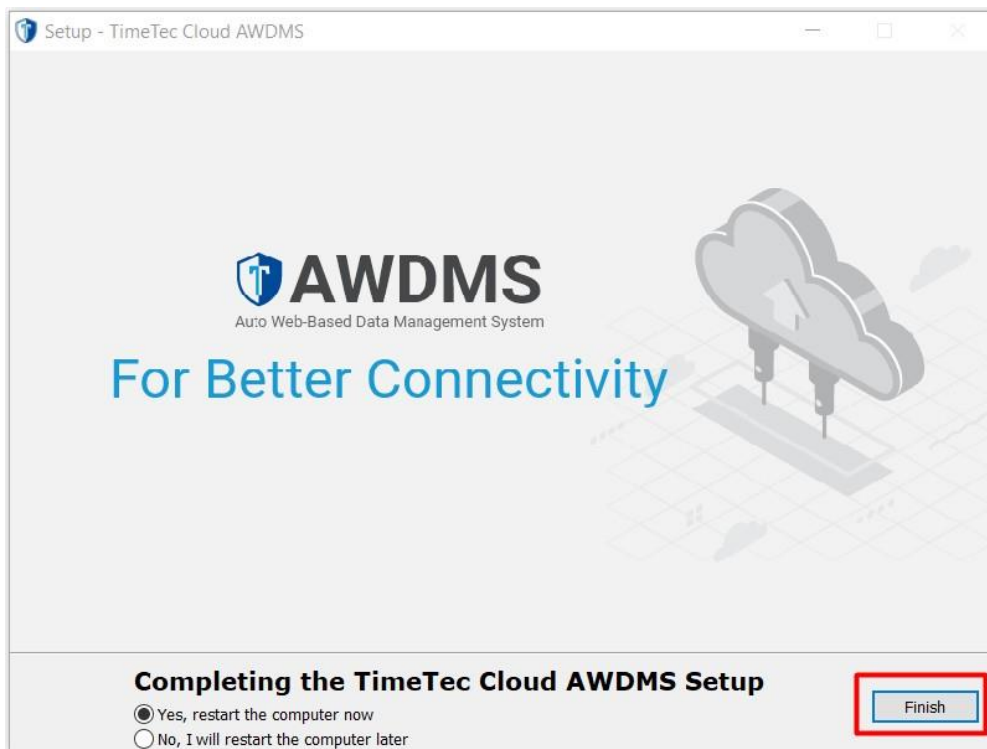
l. Click Install button.



m. Installation in progress



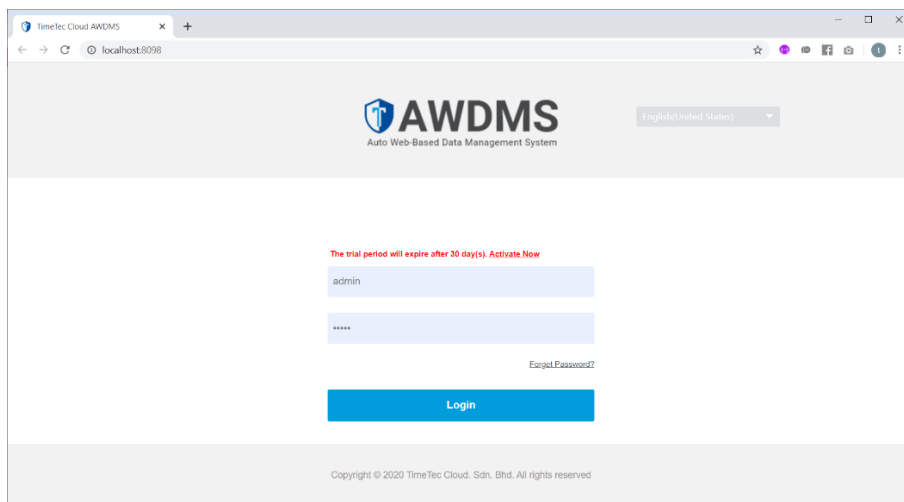
n. Click Finish button to restart the computer.



- o. On your desktop, click “TimeTec Cloud AWDMS” icon to run AWDMS.

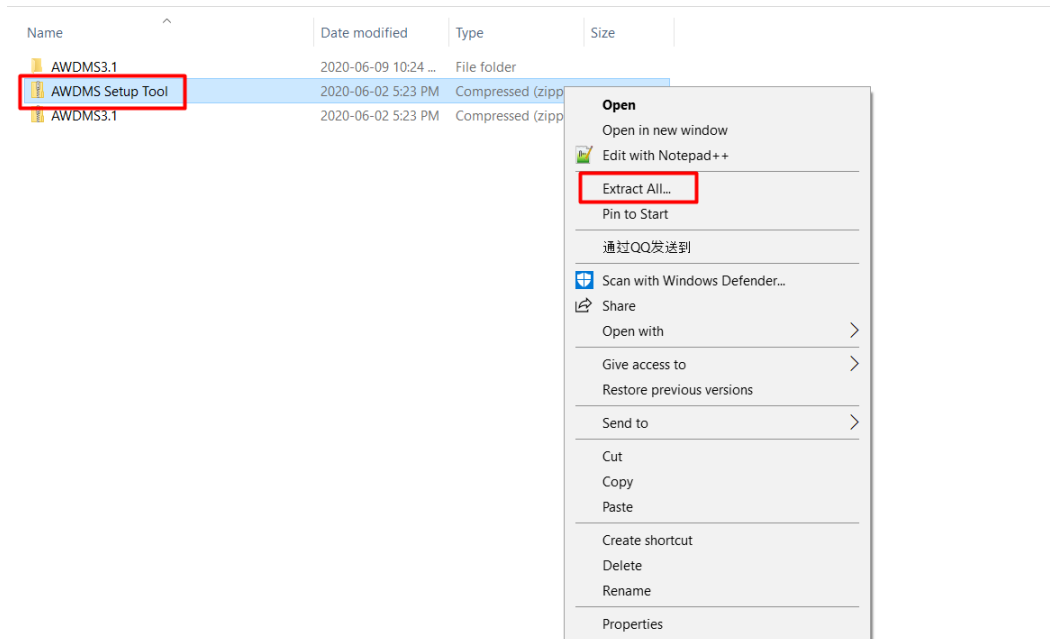


- p. ADWMS login screen is shown in web browser. Default login username is “admin” and the default password is “admin”.

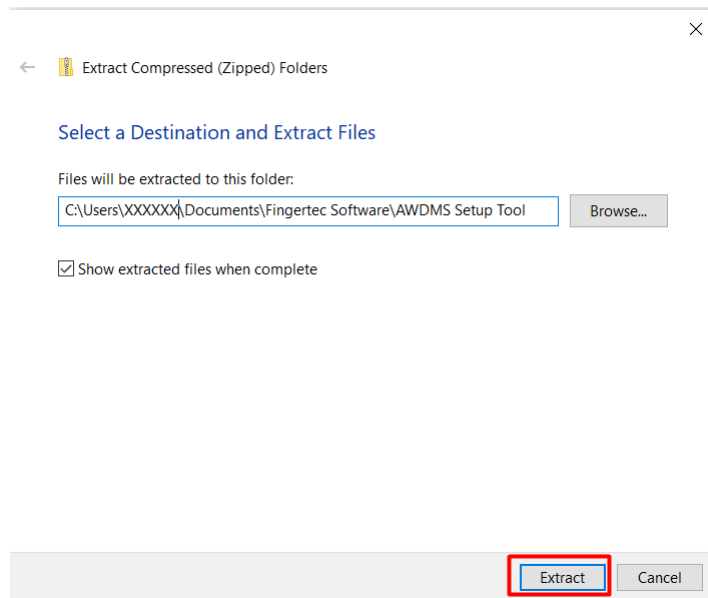


3. By default, AWDMS is installed with a Postgresql Server. However, it is recommended that we switch to MySQL for better support. In order to switch to MySQL, please run AWDMS setup tool after you have seen the screen above.







a. Right click on AWDMS Setup Tool.zip, click Extract All.



b. Click Extract button.



- c. Go the folder where AWDMS Setup Tool is located.
- d. Click AWDMSSetup.exe.

Name	Date modified	Type	Size
 awdms	2020-05-28 11:53 ...	Windows Batch File	2 KB
 AWDMSSetup	2020-06-02 9:48 A...	Application	47 KB
 AWDMSSetup.exe.config	2020-05-28 5:59 PM	XML Configuration...	1 KB
 korat	2020-03-25 10:11 ...	Application	2,736 KB
 MySql.Data.dll	2015-11-06 3:29 PM	Application extens...	447 KB
 Newtonsoft.Json.dll	2017-06-18 1:57 PM	Application extens...	514 KB

- e. Press any key to start AWDMS setup. Your computer screen might flash a few times,
just click “Yes” at the popup dialog box to continue.

```
Install Path : C:\Program Files\BioSecurity
Please any key to start TimeTec Cloud AWDMS setup
```

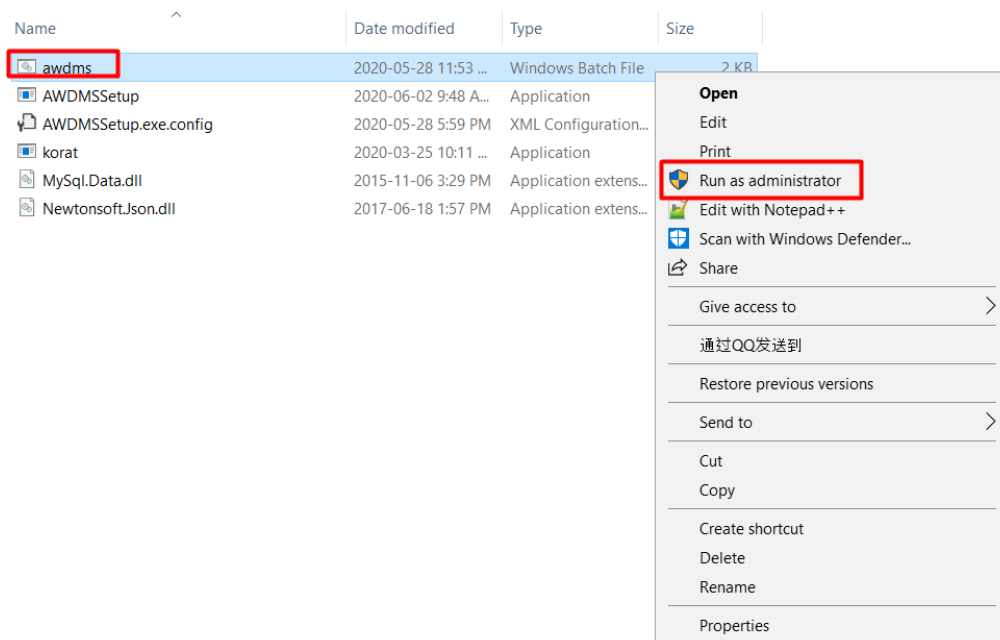
f. When completed, press any key to close this window.

```
Install Path : C:\Program Files\BioSecurity
Please any key to start TimeTec Cloud AWDMS setup

Step 1 Completed
Step 2 Completed
Step 3 Completed
Step 4 Completed
TimeTec Cloud AWDMS setup completed.

Please any key to exit...
```

g. Right click on awdms.bat, click “Run as administrator”.



h. Press any key to start running the batch file.

```
***** This batch file is use to complete TimeTec Cloud AWDMS Setup *****
*****

IMPORTANT!!!
Please make sure you run AWDMSSetup.exe before start this bat file
Press any key to start now
```

i. When completed, press any key to exit this window.

```
***** This batch file is use to complete TimeTec Cloud AWDMS Setup *****
*****

IMPORTANT!!!
Please make sure you run AWDMSSetup.exe before start this bat file
Press any key to start now

Begin Step 1...
Begin Step 2...
Begin Step 3...
Begin Step 4...
Setup completed

Press any key to exit
```

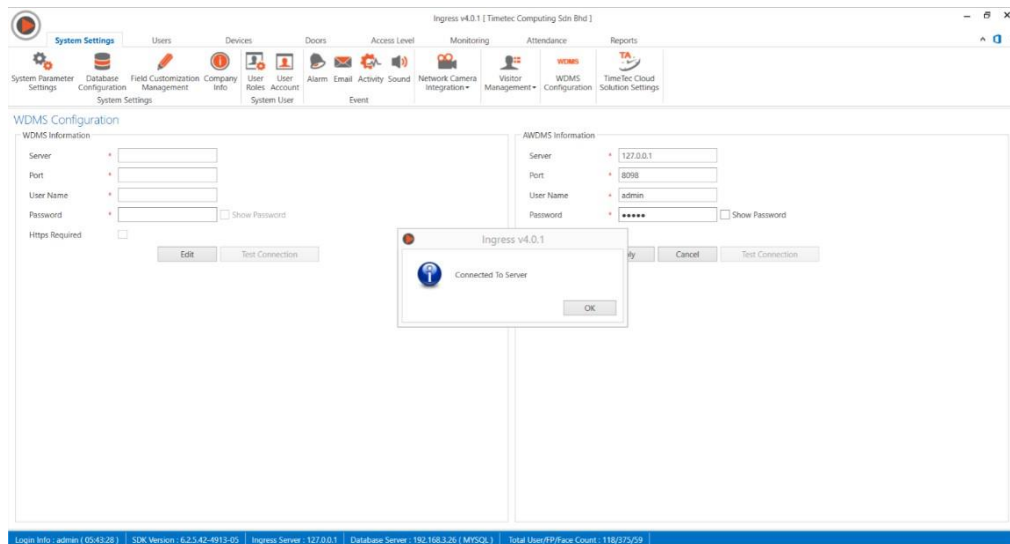
4. By now, your AWDMS setup is completed, you may proceed to Ingress to configure AWDMS.
 - a. In Ingress, go to System Settings > WDMS Configuration:

The screenshot shows the Ingress v4.0.1 interface. The top navigation bar includes 'System Settings' (highlighted), 'Users', 'Devices', 'Doors', 'Access Level', 'Monitoring', 'Attendance', and 'Reports'. The 'WDMS Configuration' page is active, showing two sections: 'WDMS Information' and 'AWDMS Information'. Both sections have input fields for 'Server', 'Port', 'User Name', 'Password', and a checkbox for 'Https Required'. The 'Test Connection' button is visible at the bottom of each section.

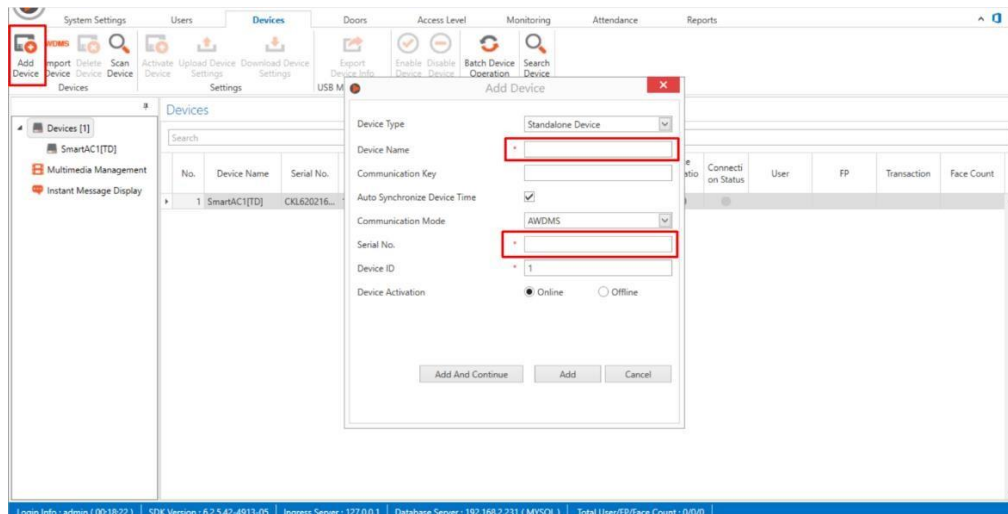
- b. Key in the AWDMS server IP, Port Number, Login Username and Password. Since AWDMS and Ingress are both on the same PC, thus the server IP is 127.0.0.1, the default port is 8098. Default AWDMS login ID is “admin” and default password is “admin”.

The screenshot shows the Ingress v4.0.1 interface with the 'WDMS Configuration' page. The 'AWDMS Information' section is filled out with the following values: 'Server' is 127.0.0.1, 'Port' is 8098, 'User Name' is admin, and 'Password' is admin. The 'Test Connection' button is highlighted.

- c. After key in the AWDMS information, click Test Connection button the check if Ingress could connect to AWDMS. If it is success, a popup dialog box with “Connected To Server” will be shown. Click Apply button when done.



- d. Click Apply button when done.
- e. You may now add devices to Ingress by clicking Add Device button, give the device a name and key in the serial number of the device, select online device activation, then click Add button.



f. After adding the device, it will appear in the Devices list.

The screenshot shows the AWDMS software interface. The top navigation bar includes tabs for System Settings, Users, Devices, Doors, Access Level, Monitoring, Attendance, and Reports. The 'Devices' tab is currently selected. Below the navigation bar is a toolbar with various device management actions: Add Device, Import Device, Delete Device, Scan Device, Activate Device, Upload Device Settings, Download Device Settings, Export Device Info, Enable Device, Disable Device, Batch Device Operation, and Search Device. The main area displays a table of devices. The table has columns: No., Device Name, Serial No., Device ID, Communication Mode, IP Address, Model, Firmware, Enabled, Device Activation Status, Connection Status, User, FP, Transaction, and Face Count. One device is listed: SmartAC1[TD] with Serial No. CKL620216... and Device ID 1. The status bar at the bottom shows system information: Login Info : admin (0051:18) | SDK Version : 6.2.5.42-4913-05 | Ingress Server : 127.0.0.1 | Database Server : 192.168.2.231 (MYSQL) | Total User/FP/Face Count : 3/0/1

No.	Device Name	Serial No.	Device ID	Communication Mode	IP Address	Model	Firmware	Enabled	Device Activation Status	Connection Status	User	FP	Transaction	Face Count
1	SmartAC1[TD]	CKL620216...	1	AWDMS		SmartAC1[TD]								

5. Installation of AWDMS is completed successfully, you can now use Ingress to pull or update data from AWDMS devices such as Smart AC1/TD or Proface X/TD.