AXView Solution for Solar Energy

User Manual for Administrator

Management and Operation

1.0.0.1

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Release Note

Version	Revised Date	Author	Description
1.0.0.1	2017/2/22	Mark Lu	- 1st release

Table of Contents

AXView Solution for Solar Energy
User Manual for Administrator

I. System Management and Operation

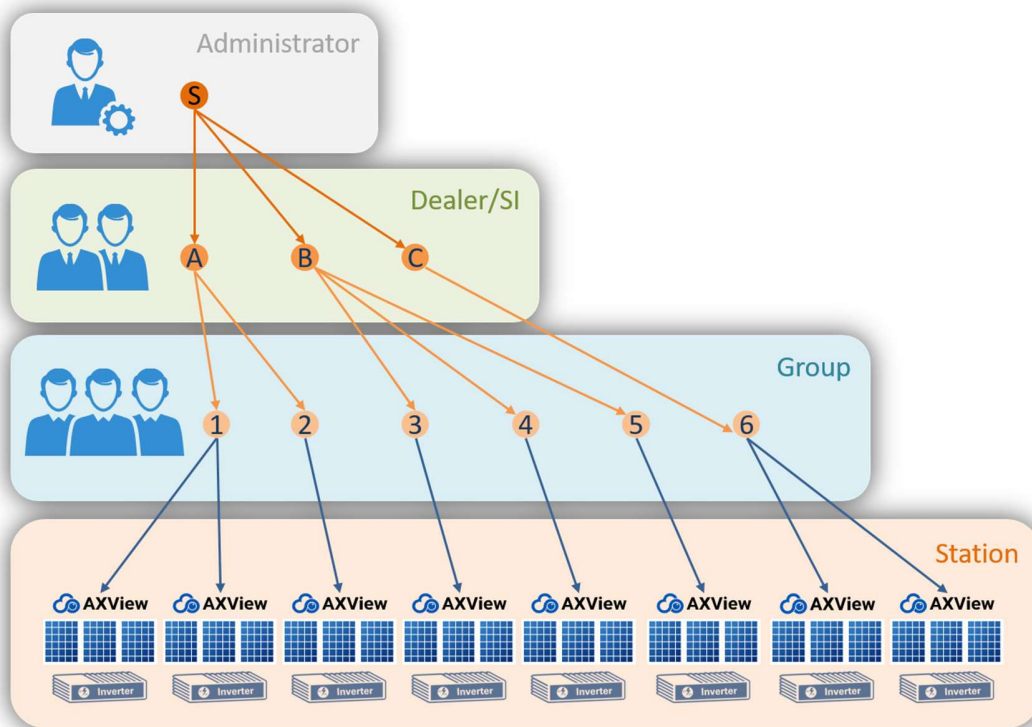## 1.1 Management Layers

Diagram 1.1-1 Different roles played in the AXView solution

A. **Administrator (backend manager of AXView solution – login from HERE)**

    i.   Axiomtek is to play this role (the top layer in Diagram1.1-1)

    ii.   Play in approving applications submitted by dealers/system integrators for using the system and in managing existed dealers/ system integrators.

**AXView Solution for Solar Energy
User Manual for Administrator**

1.2 Operation of each Tab Page of Website of AXView Solution

A.   Survey: as shown in Figure 1.2-1, this tab page provides for approving applications submitted by dealers/system integrators for using the system.

Figure 1.2-1 Snapshot of "Survey" tab page of AXView solution website

i.   Accept: approve an application submitted by dealers/system integrators.

ii.   Reject: reject an application submitted by dealers/system integrators.

AXView Solution for Solar Energy
User Manual for Administrator

iii.   Rejected List: as shown in Figure 1.2-2

01.   List all be rejected Dealer/SI.

02.   You can re-survey them by selecting a dealer/system integrator and clicking "Re-survey".
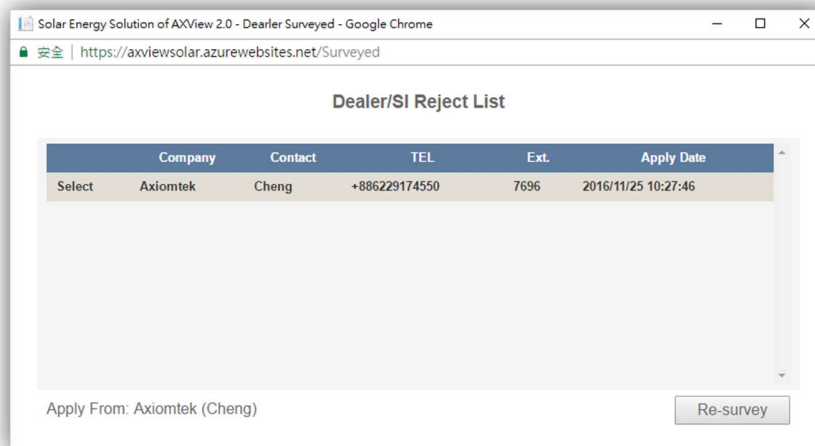

Figure 1.2-2 Snapshot of "Dealer/SI Reject List" page of AXView solution website

AXView Solution for Solar Energy
User Manual for Administrator

B. **Dealer/SI: as shown in Figure 1.2-3, this tab page provides for managing existed dealers/ system integrators.**

Figure 1.2-3 Snapshot of "Dealer/SI" tab page of AXView solution website

i. Disable: suspend a Dealer/SI to use this solution.

ii. Save: modify data of Dealer/SI. (* **ONLY** EIN could not be modified.)

**AXView Solution for Solar Energy
User Manual for Administrator**

iii.　　Disable List: as shown in Figure 1.2-4.

01.　　List all be suspended dealers/system integrators.

02.　　You can do reactivation a dealer/system integrator by selecting a dealer/system

integrator and clicking "Activate".

Figure 1.2-4 Snapshot of "Dealer/SI Disable List" page of AXView solution website

AXView Solution for Solar Energy
User Manual for Administrator

C. **Group: as shown in Figure 1.2-5, this tab page shows data of group user and today status of station of the group user you selected.**

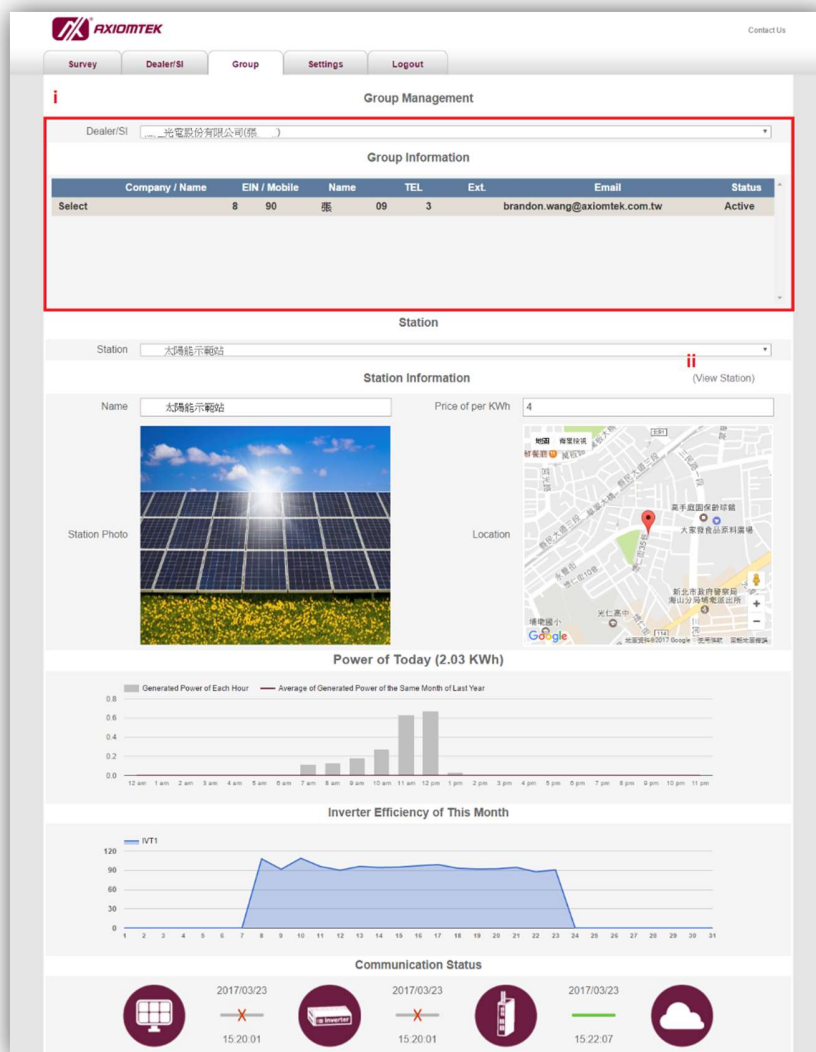**Figure 1.2-5 Snapshot of "Group" tab page of AXView solution website**

AXView Solution for Solar Energy
User Manual for Administrator

    i.   Select "Dealer/SI" first, then select group user in the list of "Group Information". And you can browse station detail status of today by selecting a station in the drop-down list of "Station".

    ii.   If you want to browse more detail information/status of this station, you can click "View Station".

         01.   Current Page: as shown in Figure 1.2-6, this page illustrates the geographical location and the equipment on the user site; whereas the right hand side of the figure illustrates the condition of power generation in real time environment.
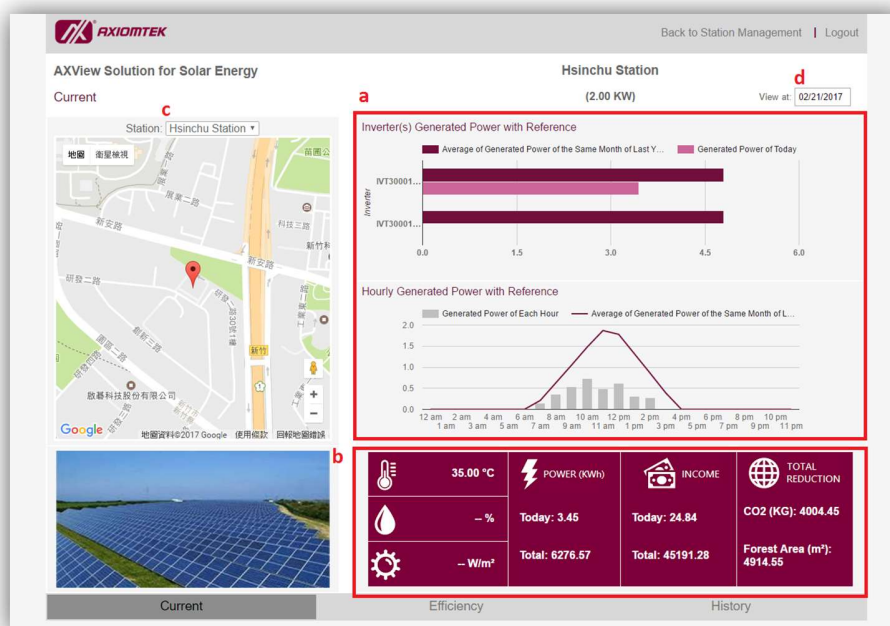

Figure 1.2-6 Snapshot of "Current" page of AXView solution website

AXView Solution for Solar Energy
User Manual for Administrator

a. The meaning of charts shown at the upper right hand corner of "Current" page

⊙ "Inverter(s) Generated Power with Reference":

Dark color refers to the accumulative power volume measured at each inverter today. Light color refers to the daily average power volume measured at each inverter during the same moths in last year.

⊙ "Hourly Generated Power with Reference":

The curve refers to the hourly average power volume in each hour during the same months in last year. Vertical bar refers to the accumulative power volume in each hour today.

b. The meaning of icons shown at the lower right hand corner of "Current" page

⊙ : Temperature in the environment at the site (optional)

⊙ : Humidity in the environment at the site (optional)

⊙ : Intensity of the sun light (optional)

⊙ : The accumulative power volume during today and in the past

⊙ : The profit from power generation during today and in the past (optional: if you sold the generated power.)

⊙ : The reduction of CO_2 emission volume and area of forest cut-down

AXVIEW

AXView Solution for Solar Energy
User Manual for Administrator

due the use of solar power in the past

c. You can change to browse status of another station by selecting station in the drop-down list of "Station" in upper left.

d. You can review condition of power generation of other day by selecting the date, which you want to review, in textbox of "View at" or key-in date in format of "MM/DD/YYYY", as shown in Figure 1.2-7.
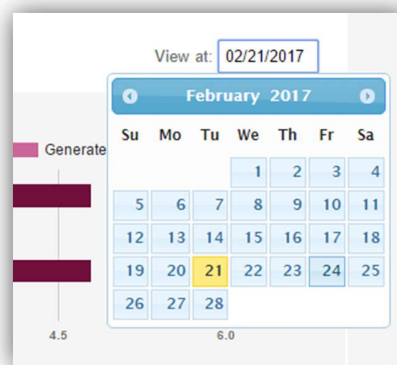

Figure 1.2-7 Snapshot of date selection

AXView Solution for Solar Energy
User Manual for Administrator

02.   Efficiency Page: as shown in Figure 1.2-8, the left hand side of the figure illustrates the geographical location and the equipment on the user site; whereas the right hand side of the figure illustrates the condition of power generation in real time environment.
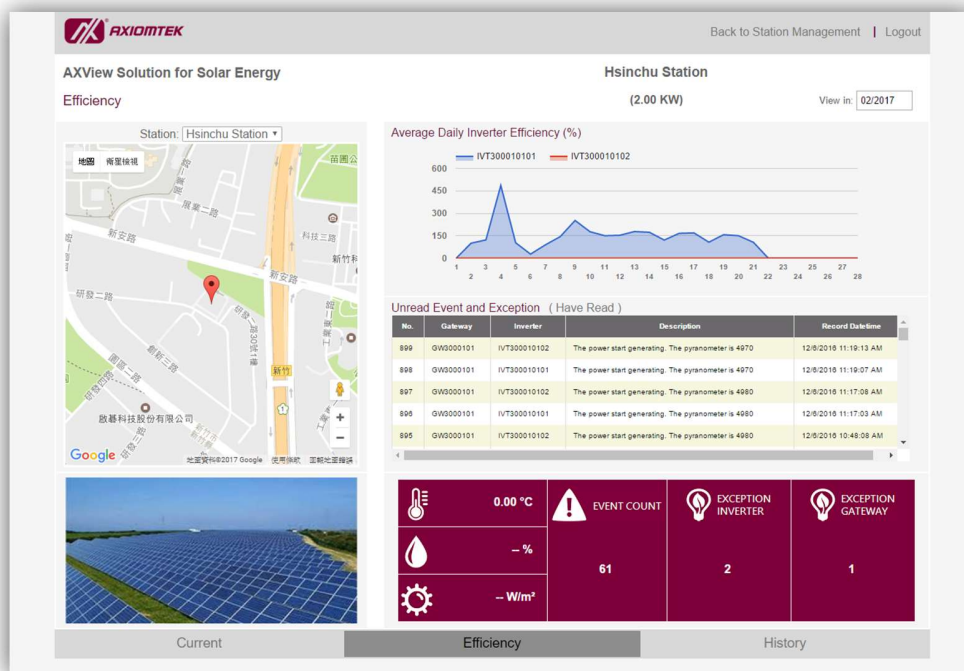

Figure 1.2-8 Snapshot of "Efficiency" page of AXView solution website

a. The meaning of charts shown at the upper right hand corner of "Efficiency" page

⊙ "Average Daily Inverter Efficiency (%)":

The curve shown at the upper right hand corner represents the daily conversion

AXView Solution for Solar Energy
User Manual for Administrator

efficiency of the power generation in this month.

⊙ "Unread Event and Exception":

The table shown in the middle part of the right hand side represents the records of abnormal incidents been detected by the system. And clicking "Delete", the message you selected will be moved to "Have Read" page.

⊙ "(Have Read)":

This hyperlink directs to "Have Read" page and shows the event messages that you have read.

Figure 1.2-9 Snapshot of "Have Read" page of AXView solution

b. The meaning of icons shown at the lower right hand corner of "Efficiency" page

⊙ : Temperature in the environment at the site (optional)

AXView Solution for Solar Energy
User Manual for Administrator

⊙ : Humidity in the environment at the site (optional)

⊙ : Intensity of the sun light (optional)

⊙ **EVENT COUNT** : The counting of abnormal incidents

⊙ **EXCEPTION INVERTER** : The counting of abnormal incidents at the inverter, including that of the start time of power generation, the end time of power generation, and definitions of abnormal incidents at the inverter

⊙ **EXCEPTION GATEWAY** : The counting of abnormal incidents coming from the Gateway, and detection of abnormal temperature of CPU and system during the operation of the ICO300

c. You can change to browse status of another station by selecting station in the drop-down list of "Station" in upper left.

d. You can review condition of power generation of other month by selecting the month, which you want to review, in textbox of "View in" or key-in date in format of "MM/YYYY". As shown in Figure 1.2-10.

AXView Solution for Solar Energy
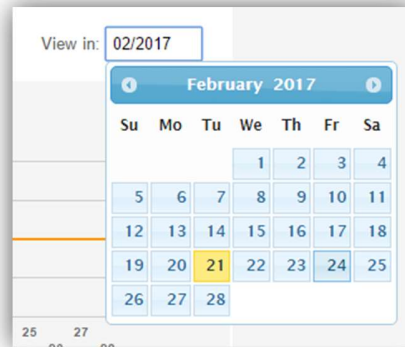**User Manual for Administrator**

Figure 1.2-10 Snapshot of date selection

03.   History Page: as shown in Figure 1.2-11, the left hand side of the figure illustrates the geographical location and the equipment on the user site; whereas the right hand side of the figure illustrates the condition of power generation in real time environment.

AXView Solution for Solar Energy
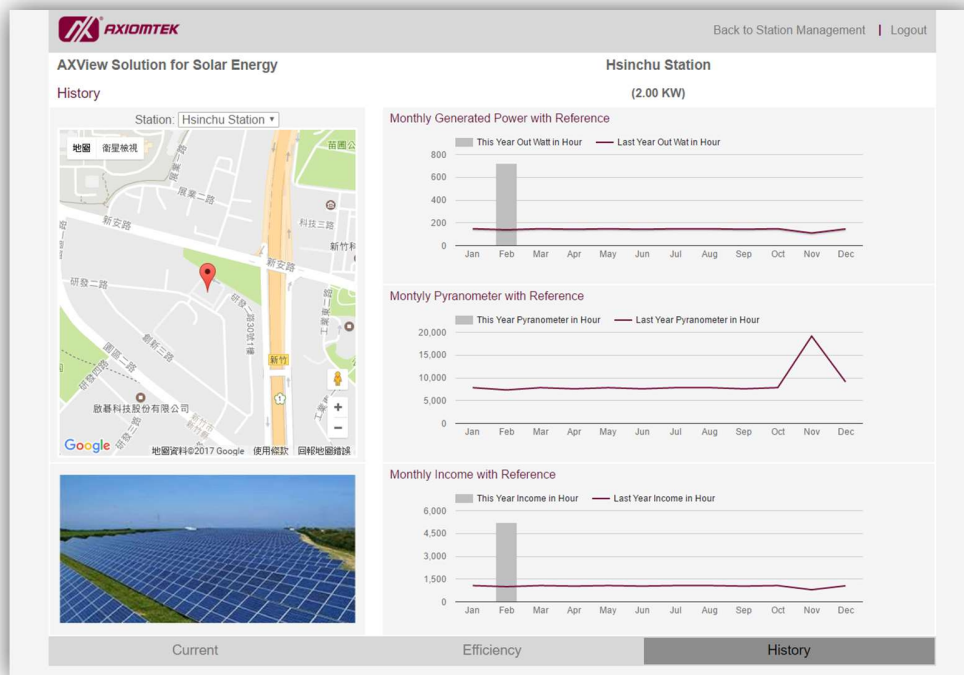## User Manual for Administrator

Figure 1.2-11 Snapshot of "Efficiency" page of AXView solution website

a. The meaning of charts shown at the upper right hand corner of "History" page

⊙ "Monthly Generated Power with Reference":

The vertical bar refers to the accumulative power volume in each month of the

year. The curve refers to the average power volume in each month in the past.

⊙ "Monthly Pyranometer with Reference":

The vertical bar refers to the accumulative sunlight volume in each month of the

year. The curve refers to the average sunlight volume in each month in the past.

AXView Solution for Solar Energy
User Manual for Administrator

⊙ "Monthly Income with Reference":

The vertical bar refers to the accumulative profit in each month of the year. The

curve refers to the average profit in each month in the past.

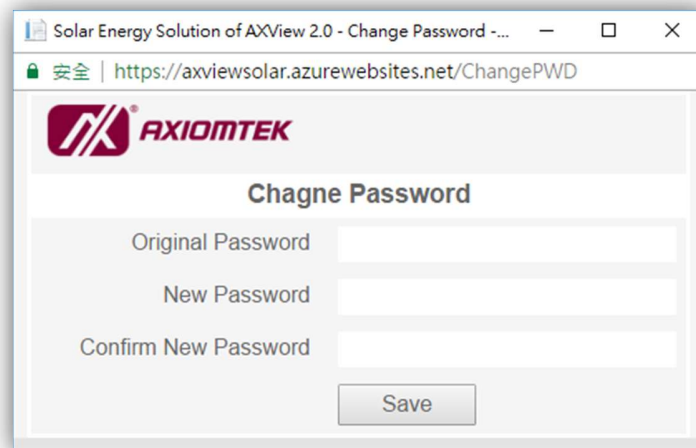**D. Settings: as shown in Figure 1.2-12, this tab opens another web page for changing the login password of user.**

Figure 1.2-12 Snapshot of "Change Password" page of AXView solution website

E. Logout: this tab is for logging out of the system.