

**SmrtPVMS
V500R007C00**

Operation Guide for Remote Inverter Shutdown in South Australia

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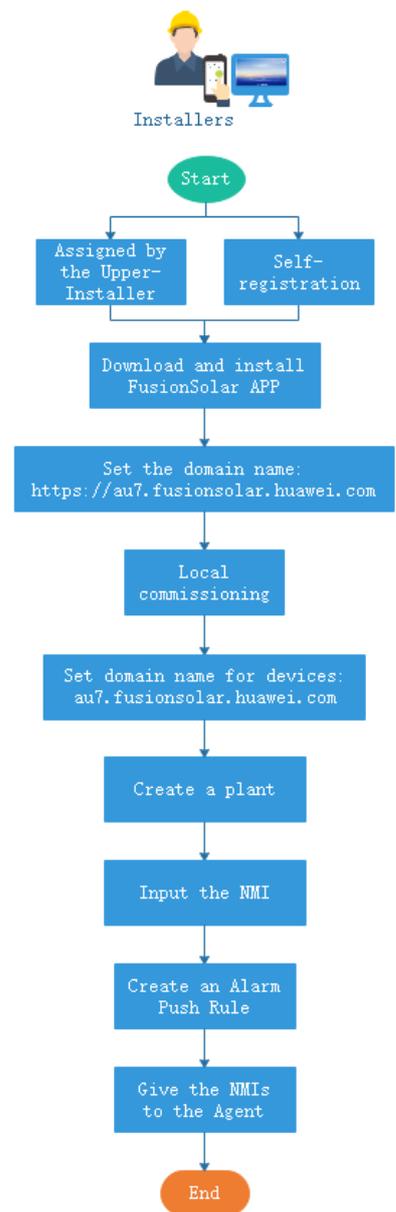
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1 About This Document

This document applies to the scenario where national metering identifiers (NMIs) are used to authorize Australian power grid agents to remotely shut down inverters in batches. This document is intended for power grid agents and installers.

2 Remote Shutdown Process in Australia



3 Differences in the Commissioning for Australian Users

Background

The new "Remote Disconnect and Reconnection of electricity generating plants" technical standard, published by the Government of South Australia and in effect as of 28 September 2020, requires that all new prescribed electricity generating plants be capable of being remotely disconnected, and later reconnected, by relevant agents. Please refer to the following instructions to complete the setting for all plants that need to meet this standard.

Table 3-1 Differences in the commissioning

No.	Difference	South Australia Region	Other countries or regions	Affected User	Remarks
1	Login domain name	au7.fusionso lar.huawei.com	intl.fusionso lar.huawei.com	Agents, installers, and owners in South Australia	-
2	Plant NMI setting	The NMI needs to be set.	The NMI does not need to be set.	Installers in South Australia	According to the requirements of the Government of South Australia, an NMI must be set for a new plant to ensure that relevant agents can remotely shut down inverters.

No.	Difference	South Australia Region	Other countries or regions	Affected User	Remarks
3	Alarm subscription setting	Alarm subscription needs to be set.	Alarm subscription does not need to be set.	Installers in South Australia	According to the requirements of the Government of South Australia, alarm subscription must be set for new plants to ensure that users can monitor the disconnection between devices and the FusionSolar Smart PV Management System.
4	App download	Download the app through the QR code or link by referring to 4.1 Downloading the App .	Download the app by referring to <i>FusionSolar App Quick Guide</i> .	Installers and owners in South Australia	-

4 Operation Guide for Installers

This section describes how installers can obtain accounts, perform deployment commissioning, add plants, and set NMI information.

4.1 Downloading the App

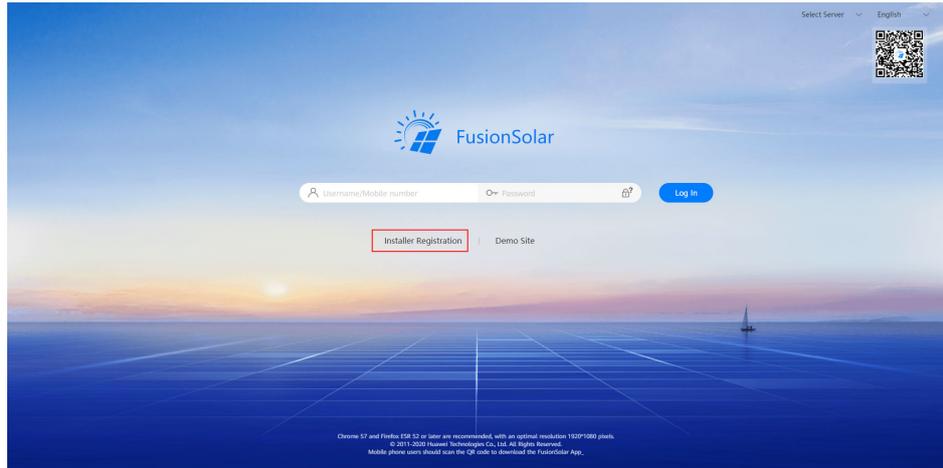
Table 4-1 Methods for downloading the FusionSolar app

Method 1: Scan the QR Code to Download the App.	Method 2: Click the Link to Download the App.
	https://au7.fusionsolar.huawei.com/fusionsolarapp

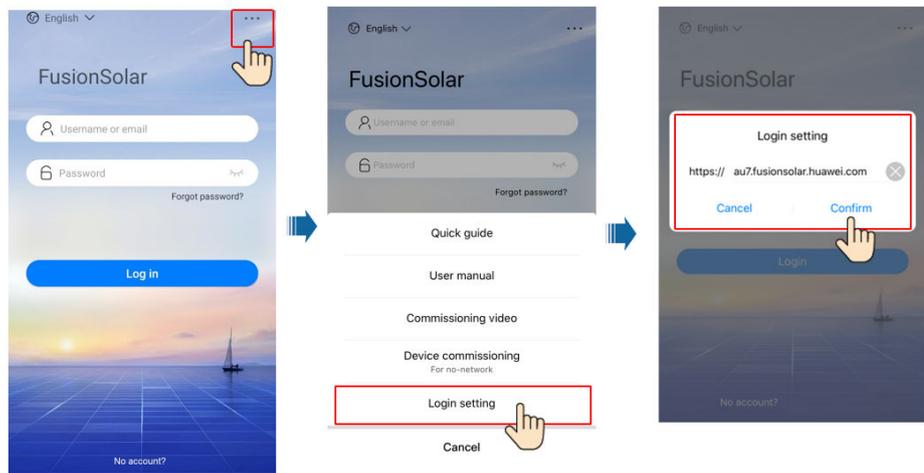
4.2 Obtaining an Account

Obtaining an Account by Self-Registration

- Registration in the WebUI: If you access the FusionSolar portal using the domain name <https://au7.fusionsolar.huawei.com>, click **Installer Registration** and register an account as prompted.



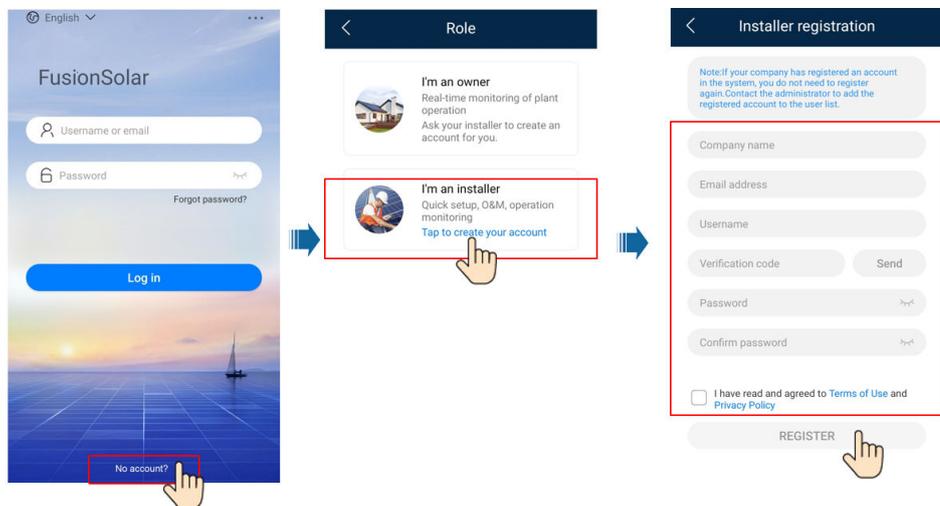
- Registration in the app:
 - a. Set the domain name to **au7.fusionsolar.huawei.com**.



NOTE

The domain name must be **au7.fusionsolar.huawei.com**. Otherwise, the remote shutdown function cannot be used.

- b. Tap **No account?** to register an installer account.



 NOTE

If your company has been registered, you can contact the upper-level installer to allocate an account.

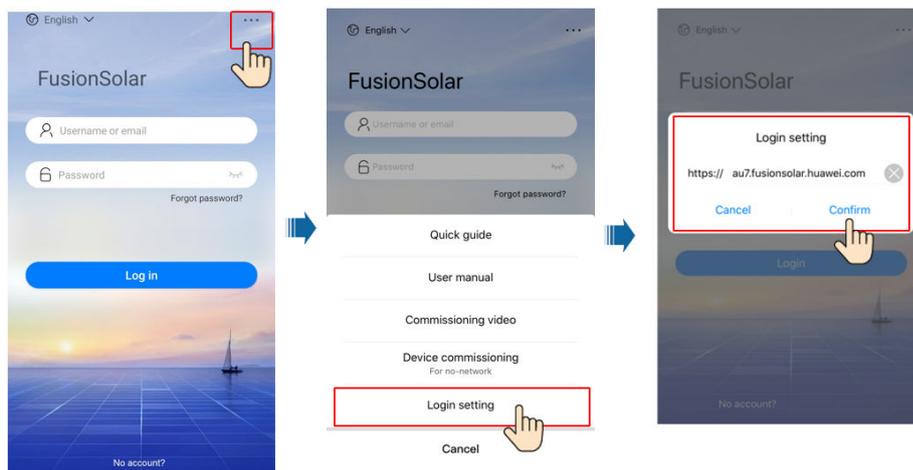
Obtaining an Account Allocated by the Upper-Level Installer

Contact the upper-level installer to allocate an account. After obtaining the account, you can log in to the FusionSolar portal using the domain name <https://au7.fusionsolar.huawei.com>.

4.3 Deployment Commissioning

After a device is installed, you need to log in to the FusionSolar app to commission the device and set management system parameters. For details, see *FusionSolar App Quick Guide*.

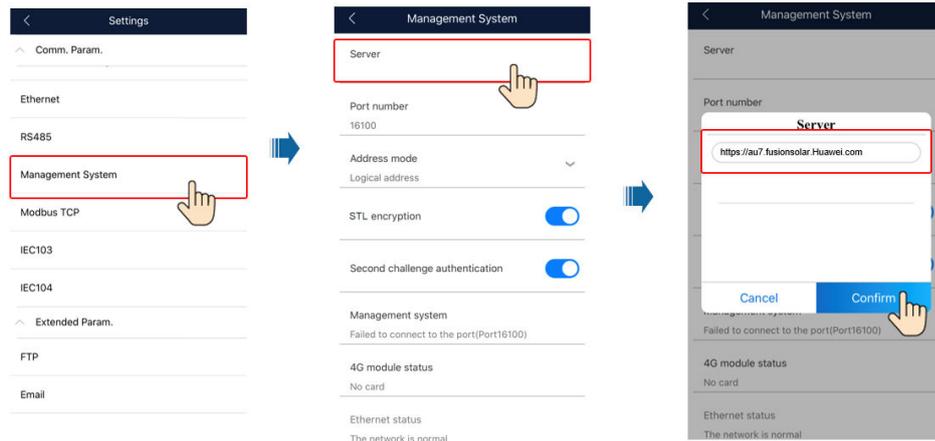
If you use the FusionSolar app for the first time, set the domain name to au7.fusionsolar.huawei.com.



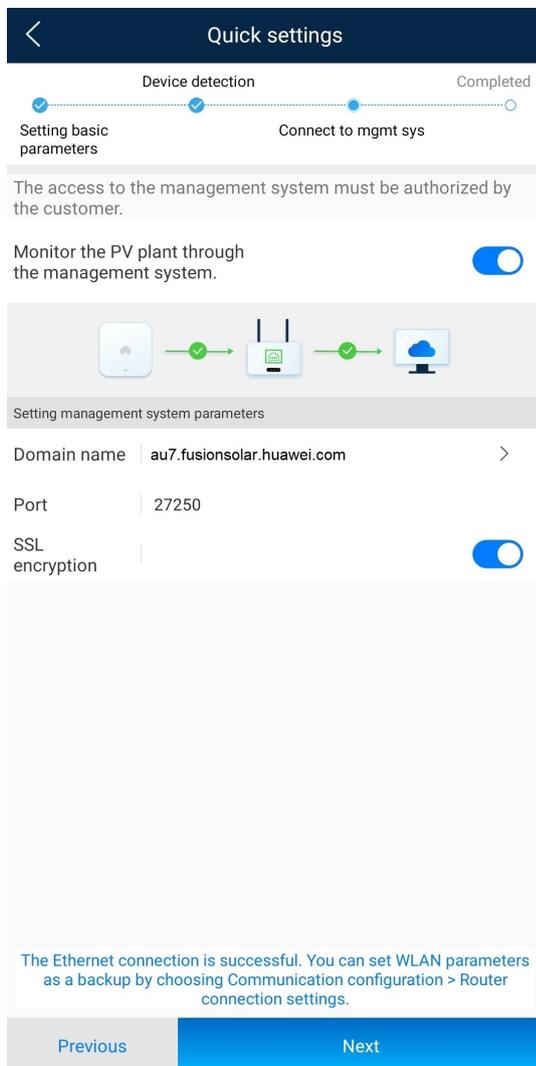
 NOTE

You must set the domain name of the FusionSolar portal to au7.fusionsolar.huawei.com. Otherwise, the remote shutdown function cannot be used.

When commissioning the SmartLogger, set **Server** to au7.fusionsolar.huawei.com on the **Management System**.



When commissioning the inverter, set **Domain name** to **au7.fusionsolar.huawei.com** on the **Connect to mgmt sys.**

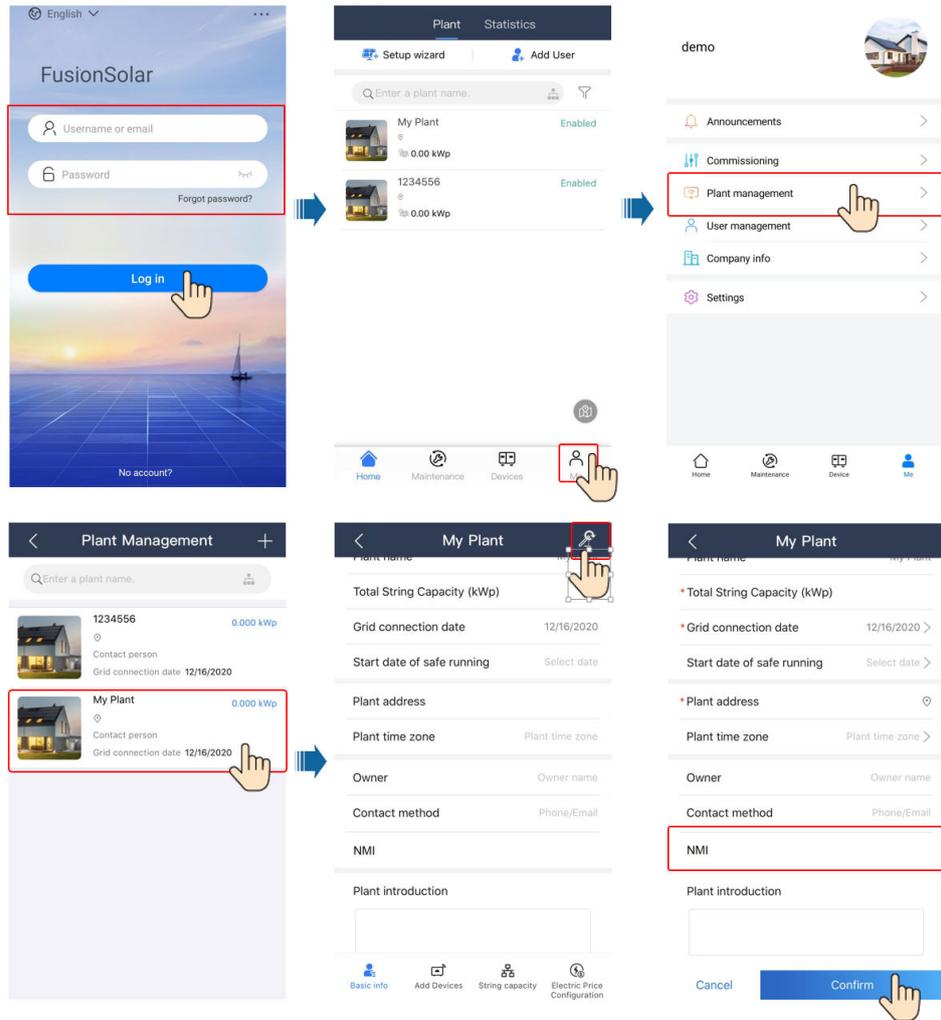


4.4 Setting the NMI

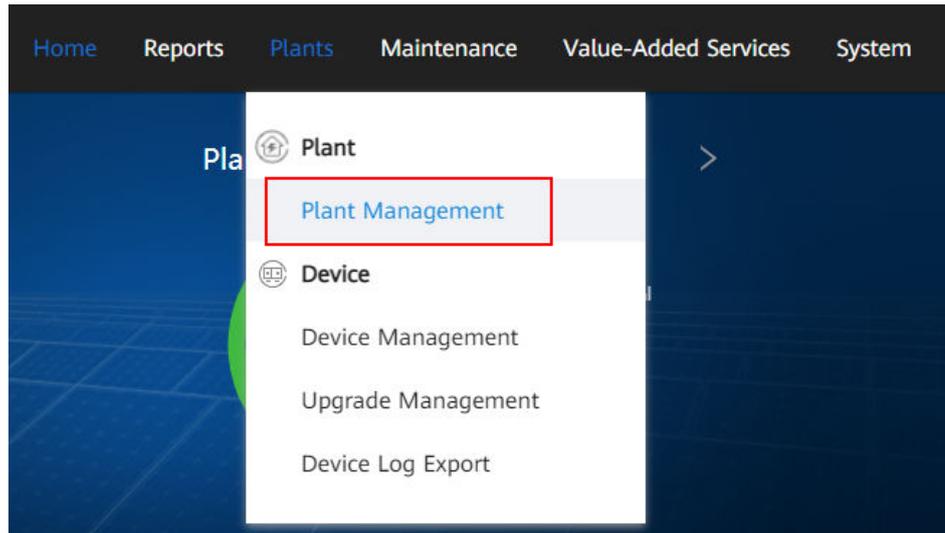
According to the requirements of the Government of South Australia, an NMI must be set for a new plant to ensure that relevant agents can remotely shut down inverters.

Procedure

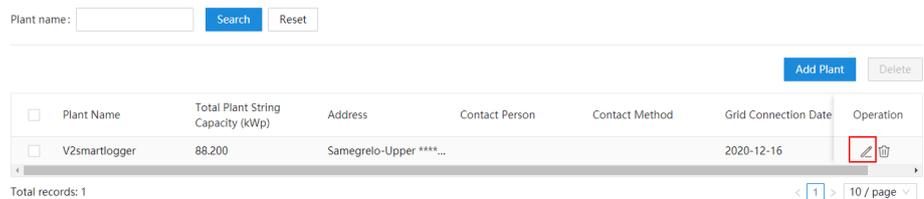
- Method 1: Set the NMI in the FusionSolar app.



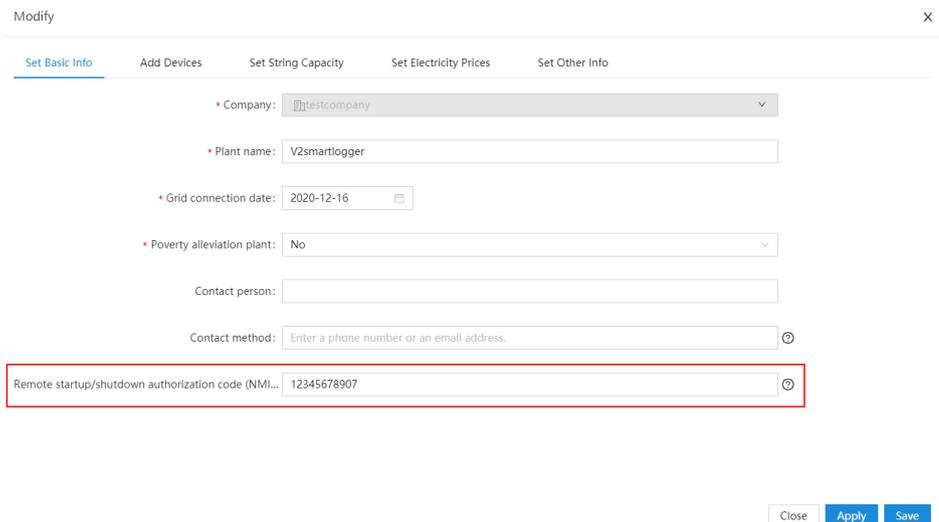
- Method 2: Set the NMI in the FusionSolar portal.
 - Choose **Plants > Plant > Plant Management** from the main menu.



- b. On the **Plant Management** page, click  in the **Operation** column of the plant list.



- c. On the **Set Basic Info** tab page, set **Remote startup/shutdown authorization code (NMI)**.



- d. Click **Save**.

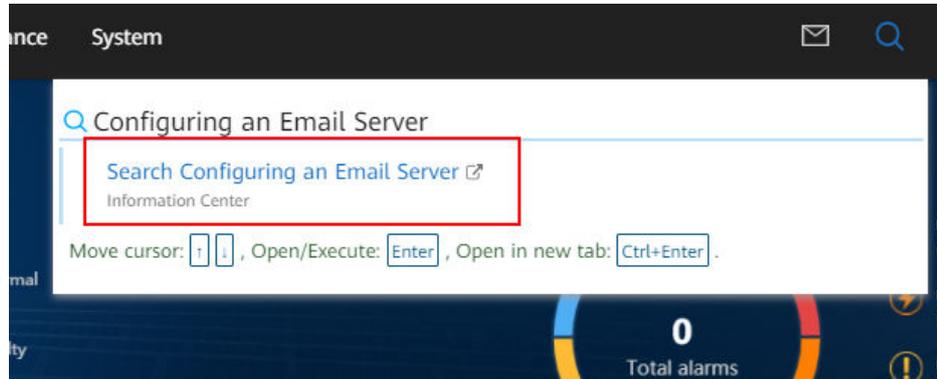
4.5 Alarm Subscription

According to the requirements of the Government of South Australia, alarm subscription must be set for new plants to ensure that users can monitor the

disconnection between devices and the FusionSolar Smart PV Management System.

Prerequisite

The email server of the company has been configured. For details, Search *Configuring an Email Server* in the FusionSolar portal.

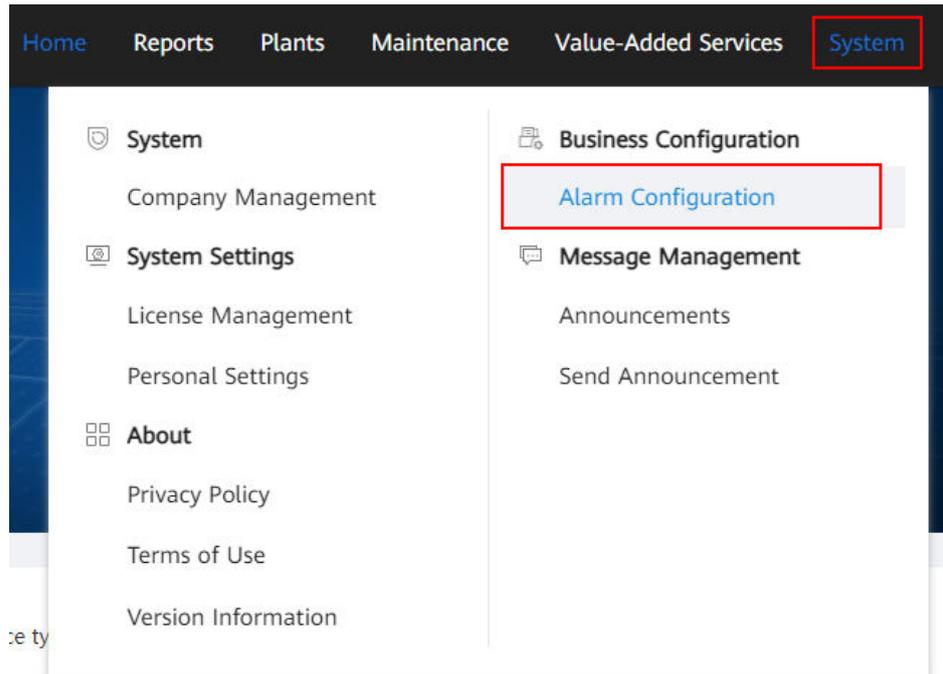


Prerequisites

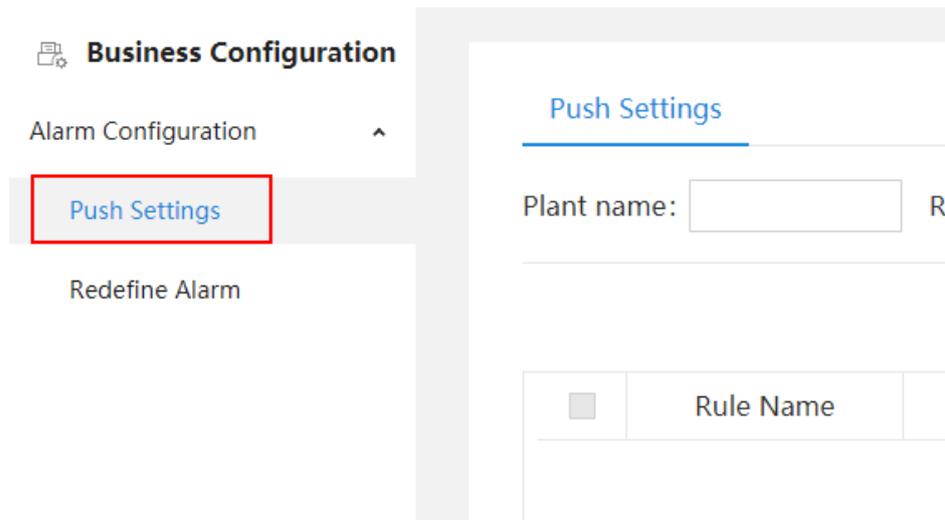
- The alarm push rules take effect only for newly reported alarms. If an alarm has been reported to the Management system before the push rules take effect, no notification email will be sent.
- When a new alarm that meets the push rules is reported to the Management system, the push rules are triggered immediately to send an email to the specified users.
- If the time zone of the recipient is different from that of the server, the alarm generation time in the email is displayed based on the time zone of the server.
- By default, the rules are sorted by the enabled and disabled states, and the rules in the same state are sorted by update time in descending order.
- A maximum of 1000 remote notification rules can be created.

Procedure

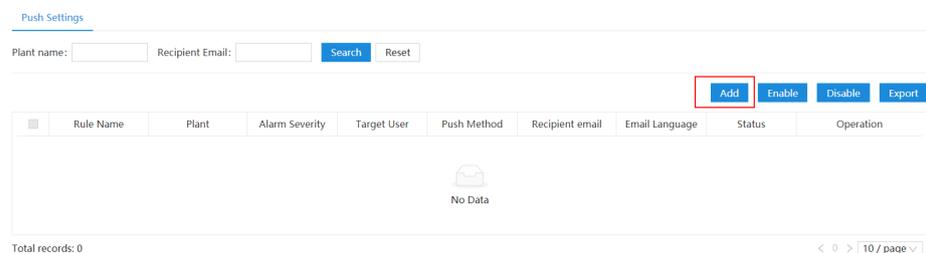
1. Choose **System** > **Business Configuration** > **Alarm Configuration** from the main menu.



2. In the navigation pane on the left, click **Push Settings**.



3. On the **Push Settings** page, click **Add**.



4. In the **Add Rule** dialog box, set the rule parameters.

Add Rule X

* Rule name:

* Plant:

* Alarm Severity: Critical Major Minor Warning

Email Language: v

User: Email push App push

User email:

 **NOTE**

To send notifications to relevant personnel, you need to enter their personal information, such as email addresses. You are obligated to take considerable measures, in compliance with the laws of the countries concerned and the user privacy policies of your company, to ensure that users' personal data is fully protected.

5. Click **Save**.

Related Tasks

- Deleting a rule: You can select a redundant rule from the rule list and click **Delete** to reduce the rule maintenance workload.
- Enabling/disabling a rule: You can select a rule that is not used temporarily from the rule list and click **Disable**. To use a disabled rule, select the rule and click **Enable**.
- Backing up, collecting statistics on, and reviewing rules, and modifying rules in batches: You can click **Export** on the rule page to export rules and back up, review, and collect statistics on the rules. If you need to modify rules in batches, you can modify the rules in batches in the exported rule file. Then, click **Import** on the rule page to import the modified rule file.

 **NOTE**

When the notification rules are exported, the email addresses of the recipient users are exported. You are obligated to take considerable measures, in compliance with the laws of the countries concerned and the user privacy policies of your company, to ensure that the user's personal information is fully protected.