

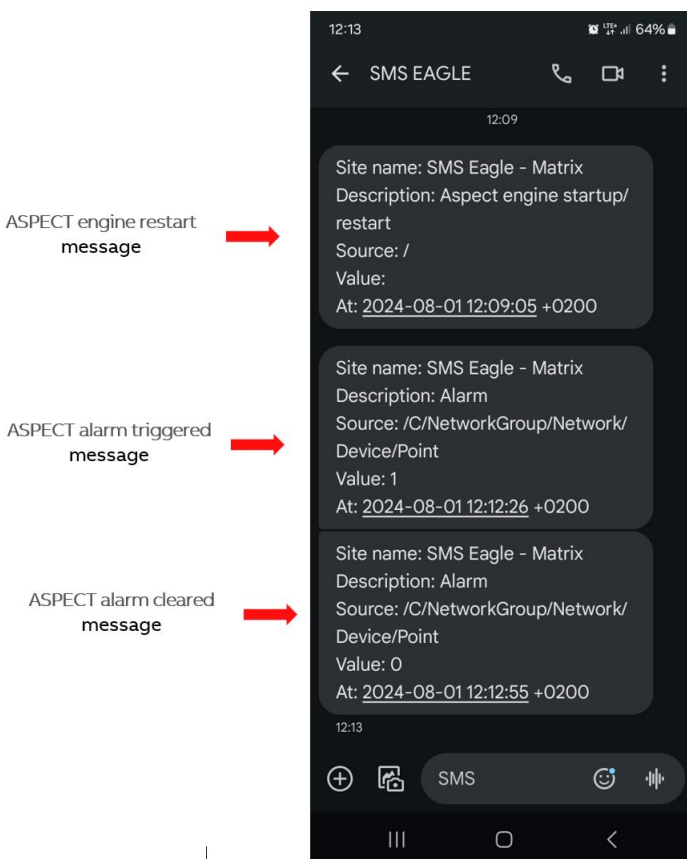
# How to configure SMS Eagle gateway with ASPECT®

## 1 Introduction

For instances where an ASPECT® Site is required to send SMS messages, a hardware SMS/MMS gateway device must be connected and configured. ABB recommends the **SMSEagle** devices for this purpose.

**SMSEagle** for **ASPECT** systems can send 3 types of messages:

- ASPECT Engine Restart
- Alarm triggered
- Alarm cleared



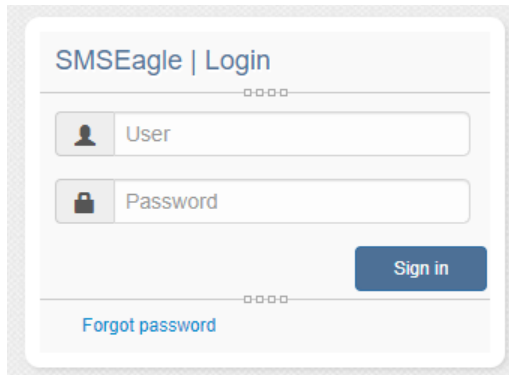
This document describes how to configure an **SMSEagle** device and the ASPECT site to which it is connected so that SMS messages are properly sent.

1	INTRODUCTION .....	1
2	STEPS TO CONFIGURE SMS EAGLE .....	2
3	STEPS TO CONFIGURE ASPECT .....	5

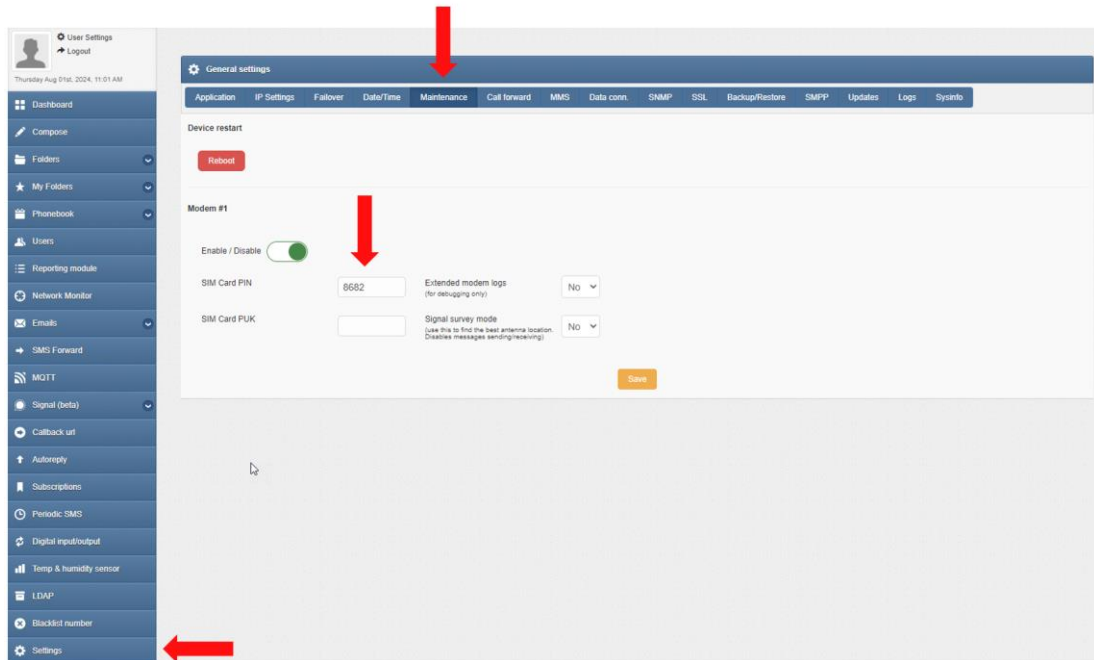
## 2 Steps to configure SMS Eagle

To make sure the **SMSEagle** hardware is set correctly, follow the steps:

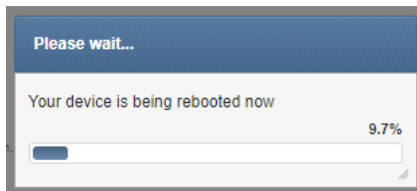
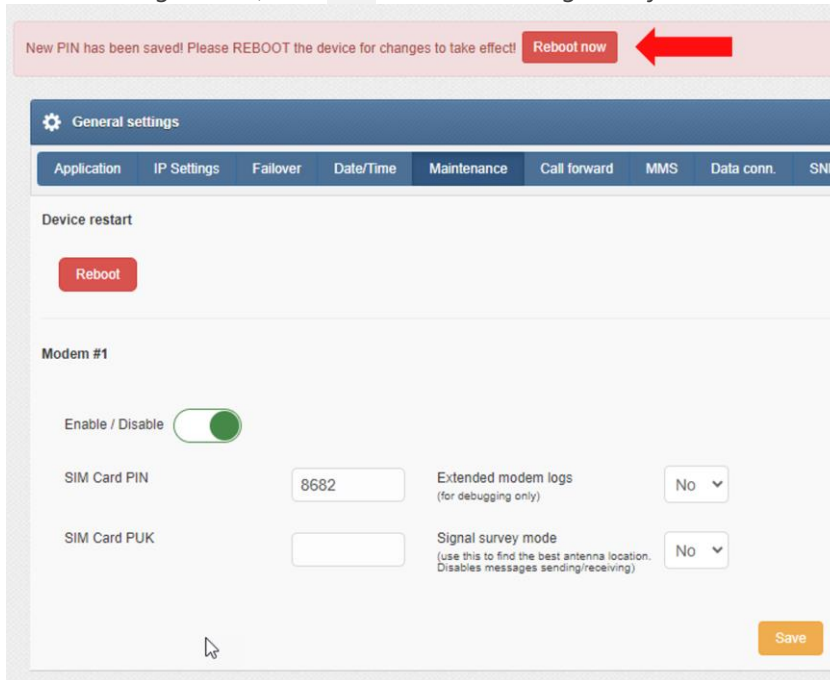
1. Determine the IP address of the device. The **SMSEagle** gateway is configured as DHCP client, so you can use any IP scanner to find what IP address has been assigned.
2. Type the IP address in a web browser to access the device's login page.
3. Use the Quick Start Guide available in the device box or on [support.smseagle.eu](http://support.smseagle.eu) to determine the device's default login credentials (for example `admin/password`). Enter these credentials on the device's login page:



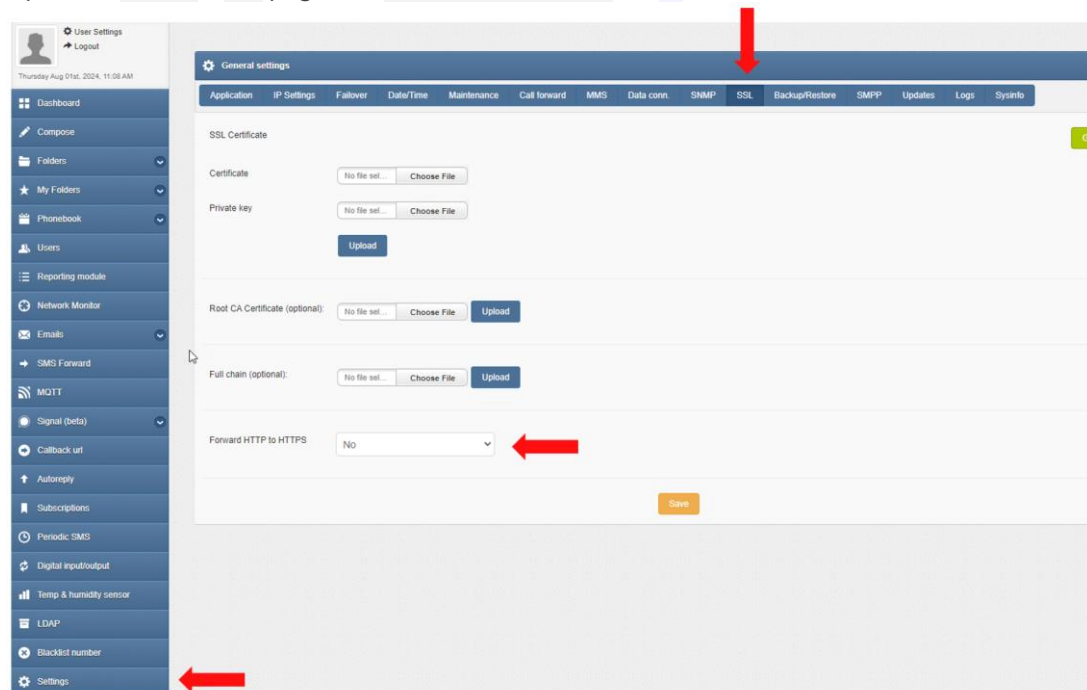
4. In the **SMSEagle** Web GUI select **Settings** in the sidebar and then the **Maintenance** tab and enter your SIM card PIN number. If PIN code is not enabled on the card, leave this field blank.



5. After entering the PIN, click **Save** and reboot the gateway

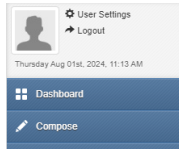


6. Open the **Settings > SSL** page. Set **Forward HTTP to HTTPS** to "No"



Click **Save** and reboot the device.

7. To test if messages can be sent successfully to the desired recipient, it is possible to manually create an SMS message by clicking **Compose** in the left-hand bar:



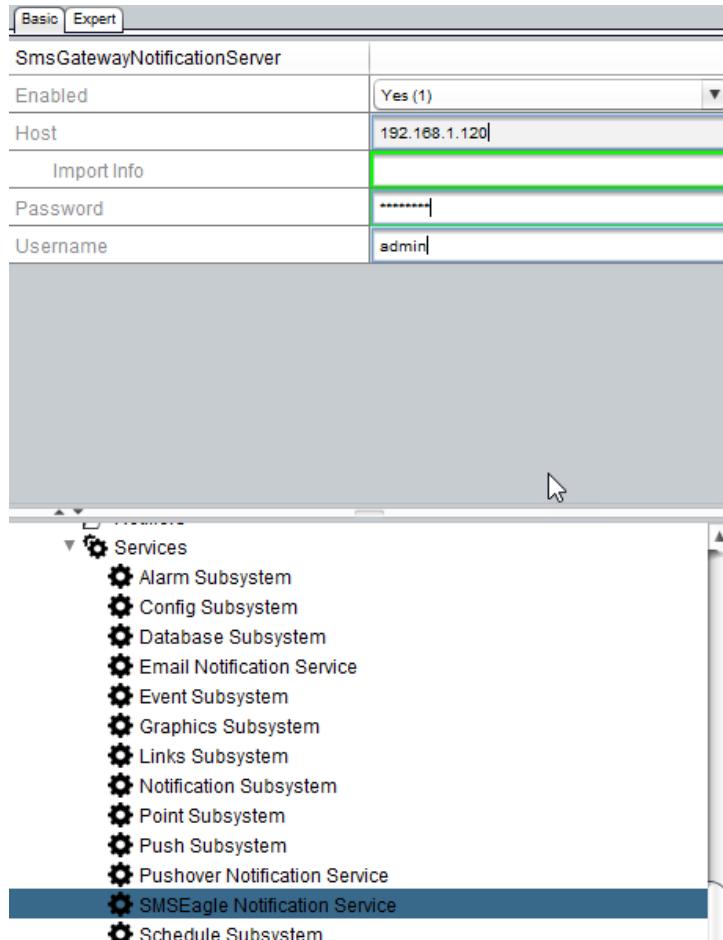
This opens the **Compose** page. Fill in the form and click **Send Message**:

A screenshot of the 'Compose' form. At the top, it says 'Send to:' with radio buttons for 'Phonebook', 'Input manually' (selected), and 'Import from file'. Below is a text input field containing '+48123456789'. Underneath is a 'Time:' section with radio buttons for 'Now' (selected), 'At date and time', 'After a delay', 'Between hours', and 'Priority'. A 'Validity' dropdown menu is set to 'Default'. The 'Message type' section has checkboxes for 'SMS' (checked), 'Flash SMS', 'MMS', 'USSD Code', 'Signal', and 'Email'. A 'Message:' text area contains 'Test Message'. At the bottom left, it shows '12 characters / 1 message' and 'max. message length: 1300 chars'. At the bottom right, there is a checkbox for 'Send as Unicode'. At the very bottom, there are three buttons: 'Send Message', 'Send and Repeat', and 'Cancel'.

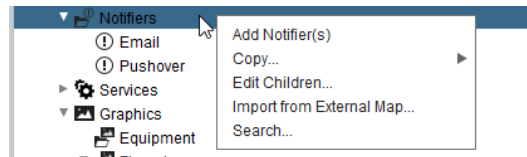
### 3 Steps to configure ASPECT

1. Open ASPECT-Studio and in your ASPECT Project tree navigate to Services > SMS Eagle Notification Service.
2. In the Basic properties tab enter the IP address and credentials for the SMSEagle device.

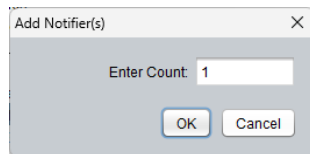
**Note:** Press ENTER after typing the password for the properties window to accept it.



3. Navigate to Notifiers section in your ASPECT Project Tree.
4. Right-click on Notifiers and select Add Notifier(s) in the context menu.



5. Set Enter Count to 1 and click on the OK button.



- In the Basic properties tab change the Notifier Type to SMSEagle Gateway (1) and the Reference Name to SMSEagle.

Basic   Expert   Edit/Display	
<b>Notifier</b>	
Display Name	SMSEagle
Active Mode	Always (1)
Content	%PROJECTNAME% %DESC% Source:...
Description	
Filter-Desc	*
Filter-Name	*
Filter-Path	*
Friendly Name	
ID Path	/N/3
Import Info	
Linked Schedule	None
Maximum Priority	1000
Minimum Priority	0
Notifier Type	SMSEagle Gateway (1)
Notify on exit?	No (0)
Reference Name	SMSEagle
Reference Path	/N/SMSEagle
Send Priority	0
Send To	
Subject	%PROJECTNAME% %SOURCE% %DESC%

Notifiers

- Email
- SMSEagle**
- Pushover

- Double-click on the Send To property value and enter a comma-separated list of the mobile numbers of all recipients.

Send To: +48123456789,+48987654321

Send To

+48123456789,+48987654321

OK

- Double-click on the **Subject** property value to define the Subject of the SMS message.

**Note:** Both plain text and ASPECT TStrings (Tokenized Strings) can be used in this field

Subject	%PROJECTNAME% %SOURCE% %DESC%
---------	-------------------------------

Subject

Site name: %PROJECTNAME%

OK

- Double-click on the **Content** property value to adjust your message content.

**Note:** Both plain text and ASPECT TStrings (Tokenized Strings) can be used in this field

Content	Description: %DESC% Source: %SOURCE%...
---------	---

Content

Description: %DESC%  
Source: %SOURCE%  
Value: %VALUE%  
At: %DATE%

OK

- Set the **Active Mode** property to specify how this Notifier will become active:

Active Mode	Always (1)
-------------	------------

**Note:** Notifier Active Mode can be Disabled, Always Active, Controlled by Schedule, or Inverted Schedule Control.

- Disabled Notifiers will automatically stop evaluation - this is useful to temporarily suspend a notifier without deleting it.
- Always Active Notifiers will always continue to evaluate.
- Controlled by Schedule (with a corresponding schedule selection) will be true any time a schedule has an event/value and false any time that it does not have an event/value.
- Inverted Schedule control (with a bound schedule) will be true any time that the bound schedule does not contain a value.

- Set the Notifier's alarm priorities to limit notifications to specific ASPECT alarm priorities.

Maximum Priority	1000
Minimum Priority	0

12. Set the **Notify on Exit** property to receive notifications when alarm is cleared

Notify on exit?	Yes (1) ▼
-----------------	-----------

13. Deploy the **ASPECT** project.
14. To test whether notifications being sent to all desired recipients, deliberately trigger an alarm.