

HOW-TO GUIDE

HT0051 Rev 1

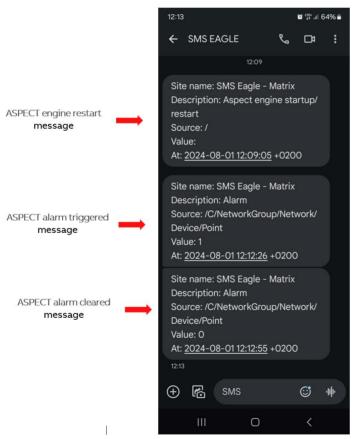
How to configure SMS Eagle gateway with ASPECT®

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 **SMS**Eagle device and the ASPECT site to which it is connected so that SMS messages are properly sent.

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2 Steps to configure SMS Eagle

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

- 1. Determine the IP address of the device. The **SMS**Eagle 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 to determine the device's default login credentials (for example admin/password). Enter these credentials on the device's login page:

SMS	Eagle Login
1	User
	Password
	Sign in
For	got password

4. In the **SMS**Eagle 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.

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User Settings																
Thursday Aug D1st, 2024, 11:01 AM	🔅 General set	ttings														_
Dashboard	Application	IP Settings	Failover	Date/Time	Maintenance	Call forward	MMS	Data conn,	SNMP	SSL	Backup/Restore	SMPP	Updates	Logs	Sysinto	
🖋 Compose	Device restart															
🖴 Folders 🗢	Reboot															
★ My Folders 🗢	_			_												
🗎 Phonebook 🗢	Modem #1															
🛝 Users	Enable / Disa	ble C														
i≣ Reporting module				•												
Network Monitor	SIM Card PIM	4	86	82	Extended mo (for debugging		No	~								
🖂 Emails 🔍	SIM Card PU	к			Signal survey (use this to find	the best antenna loc		~								
→ SMS Forward					Disables messi	iges sending/receivin	2)									
Матт								s	ave							
 Signal (beta) 																
Callback unt																
Autoreply		2														
Subscriptions		~														
O Periodic SMS																
🕏 Digital input/output																
I Temp & humidity sensor																
🗃 LDAP																
8 Blacklist number																
Settings																

2

Application	IP Settings	Failover	Date/Time	Maintenance	Call forward	MMS	Data conn.	SI
Device restart Reboot								
Modem #1								
Enable / Dis								
SIM Card P	IN	86	82	Extended mod (for debugging of		No	~	
SIM Card P	UK			Signal survey (use this to find t Disables messag	mode he best antenna locatic jes sending/receiving)	on. No	~	
							Sa	ve
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5. After entering the PIN, click Save and reboot the gateway

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

User Settings																		
Thursday Aug 01st, 2024, 11:08 AM			🔅 General si	ettings								٠						
Dashboard			Application	IP Settings	Failover	Date/Time	Maintenance	Call forward	MMS	Data conn.	SNMP	SSL	Backup/Restore	SMPP	Updates	Logs	Sysinfo	
🖋 Compose			SSL Certificat	e														Ge
E Folders	0		Certificate		No file se	Choose	-											
★ My Folders	•																	
💾 Phonebook	•		Private key		No file se	Choose	File											
🗥 Users					Upload													
E Reporting module																		
Network Monitor			Root CA Certi	ficate (optional):	No file se	Choose	File Uploa	be										
🖂 Emails	0	Q																
SMS Forward		Le*	Full chain (opt	tional):	No file se	Choose	File	id.										
MOTT																		
Signal (beta)	0		Forward HTTP	P to HTTPS	No		~	-										
Caliback un Autoreply																		
Subscriptions										Sa	ive							
Periodic SMS										_								
Digital input/output																		
I Temp & humidity sensor																		
8 Blacklist number																		
🔅 Settings		+																

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Click Save and reboot the device.

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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:

tursday Aug 01st, 2024, 11:13 AM						
Dashboard						
🖋 Compose						

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

Compose X
Send to: O Phonebook Input manually O Import from file
+48123456789
Time: Now At date and time After a delay Between hours Priority
Validity Default
Message type 🗹 SMS 🗌 Flash SMS 🗌 MMS 🗌 USSD Code 📄 Signal
Email
Message templates
Messane
Test Message
12 characters / 1 message Send as Unicode
max. message length: 1300 chars
Send Message Send and Repeat Cancel

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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.

Basic Expert	
SmsGatewayNotificationServer	
Enabled	Yes (1)
Host	192.168.1.120
Import Info	
Password	
Username	admin
	2
	6
V Services	
Alarm Subsystem	⊳
Alarm Subsystem 🌣 Config Subsystem	_
Alarm Subsystem Config Subsystem Database Subsystem	
 Alarm Subsystem Config Subsystem Database Subsystem Email Notification Service 	
 Alarm Subsystem Config Subsystem Database Subsystem Email Notification Service Event Subsystem 	
 Alarm Subsystem Config Subsystem Database Subsystem Email Notification Service Event Subsystem Graphics Subsystem 	
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 Alarm Subsystem Config Subsystem Database Subsystem Email Notification Service Event Subsystem Graphics Subsystem Links Subsystem Notification Subsystem Point Subsystem Push Subsystem 	ce

- 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					
	 Notifiers ① Email ① Pushove ▶ ☆ Services ▼ Graphics ■ Graphics ■ Equipme 	ent	Add Notifier(Copy Edit Childrer Import from Search			
5.	Set Enter Count	to 1	and click	k on the	OK bu	utton.
	Add Notifier(s)		×			
	Enter Cour	nt: 1				

Cancel

OK

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

tifier	
Display Name	SMSEagle
Active Mode	Always (1)
Content	%PROJECTNAME% %DESC% Source:
Description	
Filter-Desc	•
Filter-Name	•
FilterPath	•
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	

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

Send To	+48123456789,+48987654	321
⊼ Send To		×
+48123456789,+48987654321		
Т		
1		
	ок	

8. 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%	
	ОК

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

Note: E	Both plain text and ASPECT	TStrings (Tokenized Strings)) can be used in this field
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Content	6	Description: %DESC% Source: %SOURCE%
⊼ Content		×
Description: MDESC% Source: %SOURCE% Value: %VALUE% At: %DATE%		
	Ŷ	ок

10. Set the Active Mode property to specify how this Notifier will become active:

Active Mode	Always (1)	•
		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.

 11.
 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.