SendQuick®

Sunbird – SendQuick Integration Guide

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Sunbird–SendQuick Integration Guide

1.0 Introduction

1.1 About SendQuick

Send Quick[®]

SendQuick[™] develops and offers enterprise mobile messaging solutions to facilitate and improve business workflow and communication. Our solutions are widely used in areas such as IT alerts & notifications, secure remote access via Multi-Factor Authentication, emergency & broadcast messaging, business process automation and system availability monitoring.

In addition to functionality, SendQuick's messaging solutions have also been developed with other key features in mind. These include security and confidentiality of company information, and ease in mitigating disruption during unplanned system downtime such as that arising from cyberattacks. Our solutions are available in the form of server-grade hardware Appliance, Virtual Machine or Cloud-based.

SendQuick is your Innovative Partner for future-proof enterprise mobility solutions — used by over 1,500 corporations, with over 2,000 installations, including many Fortune Global 500 companies, in over 40 countries across the banking, finance, insurance, manufacturing, retail, government, education, and healthcare sectors.

1.2 *Purpose of Document*

This document is a guide on how to integrate Sunbird with SendQuick systems to send SMS alerts. In this guide, we will be using SendQuick Entera version 20141225-13HF4 and Sunbird Power IQ 9.0.0.194 for the integration illustration.

SendQuick supports receiving email SMTP, SNMP Traps or Syslog messages and converts them to SMS text alerts or notification to Social Messenger applications. In this document, we will highlight how to configure Sunbird to integrate with SendQuick via the email SMTP delivery method to send SMS text alerts.



2.0 Configure SMTP on Sunbird

When there is a need to send a notification alert, Sunbird can trigger an email to SendQuick that will then convert the email message to SMS. For this setup, SendQuick has a built-in SMTP that Sunbird can use as the SMTP Server.

2.1 Configure SMTP Server on Sunbird

On the dashboard of Sunbird platform, navigate to the following item:

Sunbird® Power IQ®	Dashboards	Sites	Events	Facility Items	IT Devices	Sensors	PUE	Reports	Settings		
Search Settings Q											

Figure 1 : Configure Settings on Sunbird

On the left panel find the **"Appliance Administration"** section, click on **"Server Settings"** then click on **"Manage SMTP Servers"**



Figure 2 :Select "server settings" under Appliance Administration

Fill in the fields for SMTP SERVER Settings.

In the field for Server name/IP Address key in your SendQuick IP address (in our example, we are using *192.168.0.196*). By default, the SMTP Port Number is 25. Leave the "SSL and TLS" box unchecked and leave "Authentication type" selection to None.

SendQuick[®]

SI	MTP Server Settings	
	Basic Settings	
	Server name/IP address:	192.168.0.196
	Port:	25
	Sender e-mail address:	sunbird@192.168.0.196
	Authoritopics and Engryptic	E-mails will be sent from this address (for example, poweriq@example.com)
	Authentication and Encryption	on Settings
	Authentication type:	None V
	Username:	
	Password:	
	Confirm password:	
	Encryption method:	● None ○ SSL ○ TLS
	Send a Test E-mail	Save SMTP Settings

Figure 3 : SMTP Settings

If you would like to test if the SMTP can send an email, click on **"Send a Test E-mail"** and test sending an email to see if the setup is correct.



Figure 4 : Testing the SMTP configuration by Sending a Test Email.

Put the phone number to receive the SMS text as the email address using the format <mobilenumber>@<sendquickdomainname>. Replace <mobilenumber> with the phone number and <sendquickdomainname> with the Domain name of your SendQuick system.

If the setup is correct, you should get a **Test Successful!** notification. Click on **"Save These Settings Now"** to continue.



Test re	esults		×
Succe	essfully sent an e-mail 0070017-1@192.168.0.	to 196.	
	Edit These Settings	Save These Settings Now	

Figure 5 : Notification if test is successful

To confirm that SendQuick has subsequently received the email and sent out as SMS, go to SendQuick dashboard. Navigate to:

Usage Logs > Message Log

Click on the **Sent** tab and **SMS** tab. If there is a corresponding entry in the logs, that means the SMS text was sent successfully.

Account: Standakine Milos	SendQuick [®]	Entera			(8 E	nglish v O:	Server 🗸	(+Logout
admin	Usage Logs > Message Log							
Dashboard								
Server Setup >	Queue Sent Unsent	Inbox						
D Messaging Setup								
🖨 Modern Setup	SMS MIM Sqoope							
C Phone Book & Roster	Search From 29/10/2024	To 29/10/2024	AI v	Filter string	View			
T Filler Rules	Show 10 v entries					Search: 14.14		
Network Monitor	II. Data & II. Dalkana	Turnaround		Mahila				
O Helpdesk Integration	No Time Date	Time	Sender	Number	Message	IMEI	Priority	•
Security Setup	1 29/10/2024 14:14:08	00:01	sunbird@192.168.0.196 (192.168.0.193)		browser and make sure you've saved these settings.	SMS Provider (tharan_SQapp)	5	
4 Password Management	2 29/10/2024 14:14:08	00:01	sunbird@192.168.0.195 (192.168.0.193)		sunbird@192.168.0.196 Power IQ SMTP settings test CongratulationsI Your SMTP settings are configured	SMS Provider (tharan_SQapp)	5	
♥ Backup & Diagnostic >					correctly. ** IMPORTANT: Please return to your web			
IAL Usage Logs 🛛 👻	Save CSV Save Excel	Save PDF	sh			Empty	Outbox	Delete
Message Log	Showing 1 to 2 of total 2 records (filtered from 12 total	entries)			PB	evious 1	Next
Conversation Summary								
Email.og >					Copyright @ 2002-2024, SendQuick Pte Ltd, 5	Singapore. All Rights F	leserved. 29/	10/2024 14:16
Voice Log >								
Alert Log >								

Figure 6 : Message log on SendQuick to check if Message was Sent Successfully

Once your SMTP server settings have been set you are ready to add filters for event notifications

Go to Sunbird Dashboard, click on "Admin" and click "Profile"

Sunbird® Power IQ® Dashboards	Sites Events Facility Items IT Devices Sensors PUE Reports Set	tings Q Quick Search	(?) Help ~ 🛔 admin ~
Dashboard Folders «	Data Center Health Tiles	Room Health Tiles	English
+ Add 2 E	My Data Center My Data Center	·	Toggle Theme
the state of	0.0 n/a ^o C n/a kW Capacity e 0.0 n/a ^o C n/a kW Capacity	e la	Logoff

Figure 7 : Add event for event notifications



Click on "Manage Event Notifications"

Sunbird [®] Power IC	Dashboards	Sites	Events	Facility Items	IT Devices	Sensors	P
User Information for ad	Imin						
Change Password	🔍 Add Keypad PIN 🚺 🔔 M	lanage Ever	nt Notificatio	าร			
Info Groups Roles	Prefs						
Login:	admin						
First Name:	System						
Last Name:	Administrator						
Email:	admin@localhost						
Created:	06/20/20 01:48:42 AM +08						
Last Updated:	10/29/24 09:46:47 AM +08						
Notes:	The superuser for this system. Th	is					
6	account cannot be deleted.						
				😛 Edit			
				- Luit			

Figure 8 : Add event for event notifications.

On the **Manage Event Notifications** page, tick all that apply for Severity and Source (depending on what event end users wants to get notifications)

Select "Send notifications for all PDUs"

Click save once settings have been selected



Manage event notifications		
Enable this filter		
Severity Critical Warning Informational	Source PDU Inlet Transfer switch UPS Circuit breaker Circuit Circuit Environmental sensors Asset strip Rack Door	Send notifications for all PDUs Send notifications only for the following PDUs Custom Field 1: Custom Field 2: IP address patterns
	 PDU connectivity PDU Configuration Internal Power IQ services Dynamic Plugin 	See Matching PDUs
Save — Remove		+ Add a filter

Figure 9 : Enable filters for event notifications

When a triggering event occurs, PowerIQ will notify the event to via SMTP settings to **SendQuick** to then send out the SMS Alerts.

Note : These guidelines are applicable for Sunbird power IQ and Sunbird DCIM