



Send Scheduled Group Communications

Summary

For groups that are not a Communication List, you use the communication button on the group members grid to communicate with group members. If you schedule the communication to send in the future, anyone added to the group after the communication is created will not receive the communication.

This plugin will add two jobs and two attribute matrixes that work together to allow you to schedule communications to groups. This method allows you to craft your communication in advance and it will be sent all the people who are members of the group at the time the communication is sent. **You will need Edit permissions to the Group to send communications.** Communications sent through these jobs will be saved to the person's history just like any other communication.

Quick Links:

- [What's New](#)
- [Configuring the Groups](#)
- [Configuring the Jobs](#)
- [Sending a Communication](#)

What's New

The following new goodness will be added to your Rock install with this plugin:

- **New Job Type:** Send Scheduled Group Email
- **New Job Type:** Send Scheduled Group SMS
- **Attribute Matrix Template:** Scheduled Emails
- **Attribute Matrix Template:** Scheduled SMS Messages

Configuring the Groups

You will need to add the two attribute matrixes to any group type you want to allow to schedule communications.

1. Go to Admin Tools > General Settings > Group Types and edit your chosen group type.
2. Under Group Attributes, add an attribute

3. You will need to create a separate attribute for SMS and Email. The only differences will be the names and which Attribute Matrix Template you select.

Group Attributes Id: 0

Edit attribute for groups of group type Small Group

Name 1

Scheduled SMS

Active i

☒ Yes

Description

SMS messages that will be sent to all group members at the date and time selected.

Categories

Field Type 2

Matrix

Key *

ScheduledSMS

Attribute Matrix Template i 3

Scheduled SMS Messages

Icon CSS Class

Required

☐ Require a value

Show in Grid i

☐ Yes

Enable History i

☐ Yes

Save

Cancel

- 1 Name** Enter a name for your attribute
- 2 Field Type** Choose Matrix
- 3 Attribute Matrix Template** Select the Scheduled SMS Messages or Scheduled Email

Configuring the Jobs

You will need to create two system jobs to send the communications.

The first time the jobs run, it will look back 24 hours to see if any groups had communications to send. Each subsequent run looks back to the time since the last successful run. Only create one email job and one SMS job. Creating multiple jobs of each type will result in messages being sent multiple times.

1. Go to Admin Tools > System Settings > Jobs Administration
2. Add a new job

Edit Service Job

Name
1

Send Scheduled Group Email

Active

☒ Yes

Description

Notification Status

All

Cron Expression
1 2

0 0 12 1/1 * ? *

Notification Emails

Cron Description

At 12:00 PM

Job Type
3

com.kfs.GroupScheduledEmails.Jobs.SendScheduledGroupEmail

Last Status Message

Enabled Lava Commands
4

☐ All
☐ Cache
☐ Execute
☐ RockEntity

☐ Search
☐ Sql
☐ WebRequest
☐ WorkflowActivate

Save
Cancel

- Name** Give your job a name
- Cron Expression** Enter a cron expression for how often you want the job to run. Communications will be sent the next time the job runs after their scheduled send time.
- Job Type** For an email job, choose "com.kfs.GroupScheduledEmail.Jobs.SendScheduledGroupEmail" For an SMS job, choose "com.kfs.GroupScheduledSMS.Jobs.SendScheduledGroupSMS"
- Enabled Lava Commands** Choose which lava commands should be enabled for this job. If you would like to use any of these commands in your communication, they need to be enabled on the job.

Sending a Communication

- In your Group Viewer, go to the group you want to send a communication
- Click the Edit button on the group details
- Under Group Attribute Values, click a plus sign for the communication type you want to create

Scheduled SMS

Send Date Time *

11/15/2018



10:00 AM



From Number *

Twilio Outbound

Message *

104

{{ Person.NickName }}, thanks for joining us last night!

Save

Cancel