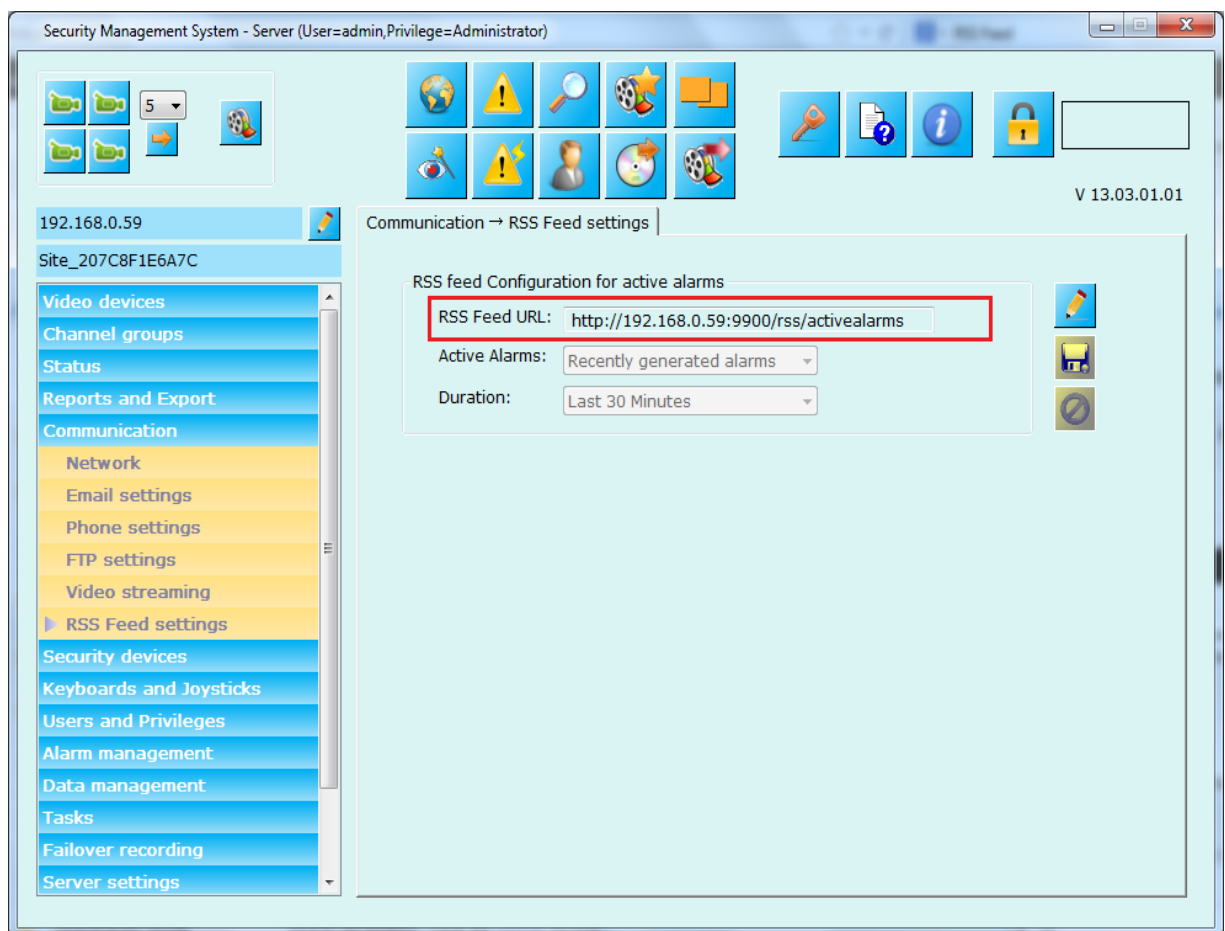# Security Management System - Active Alarms RSS Feed

Security Management System can publish all 'active alarms' as RSS feed.
This document describes the 'active alarms RSS feed' feature.

Active Alarms RSS Feed Access URL:

1. In the Security Management System server application, please navigate to the 'Communication -> RSS Feed settings' page, from the navigation menu available at the left.

2. Copy the 'RSS Feed URL' displayed under 'RSS feed configuration for active alarms'.

3. This URL can be used to access the 'active alarms RSS feed' from any RSS feed receiver application.

4. The 'Active alarms' can be defined from the same settings page. Options available for the 'Active Alarms' configuration are –
   (a) Recently generated alarms – selecting this option adds all 'recent' alarms to the RSS feed
   (b) Non-acknowledged alarms – selecting this option adds alarms available in the 'Security Management System' which are waiting for acknowledgement when the active alarms RSS feed is queries.

5. If 'Recently generated alarms' option is selected for 'Active alarms', it is possible to define 'Duration' which defines 'recent' interval. Several options are available for 'Duration' – from 'Last 5 minutes' to 'Last 7 days'
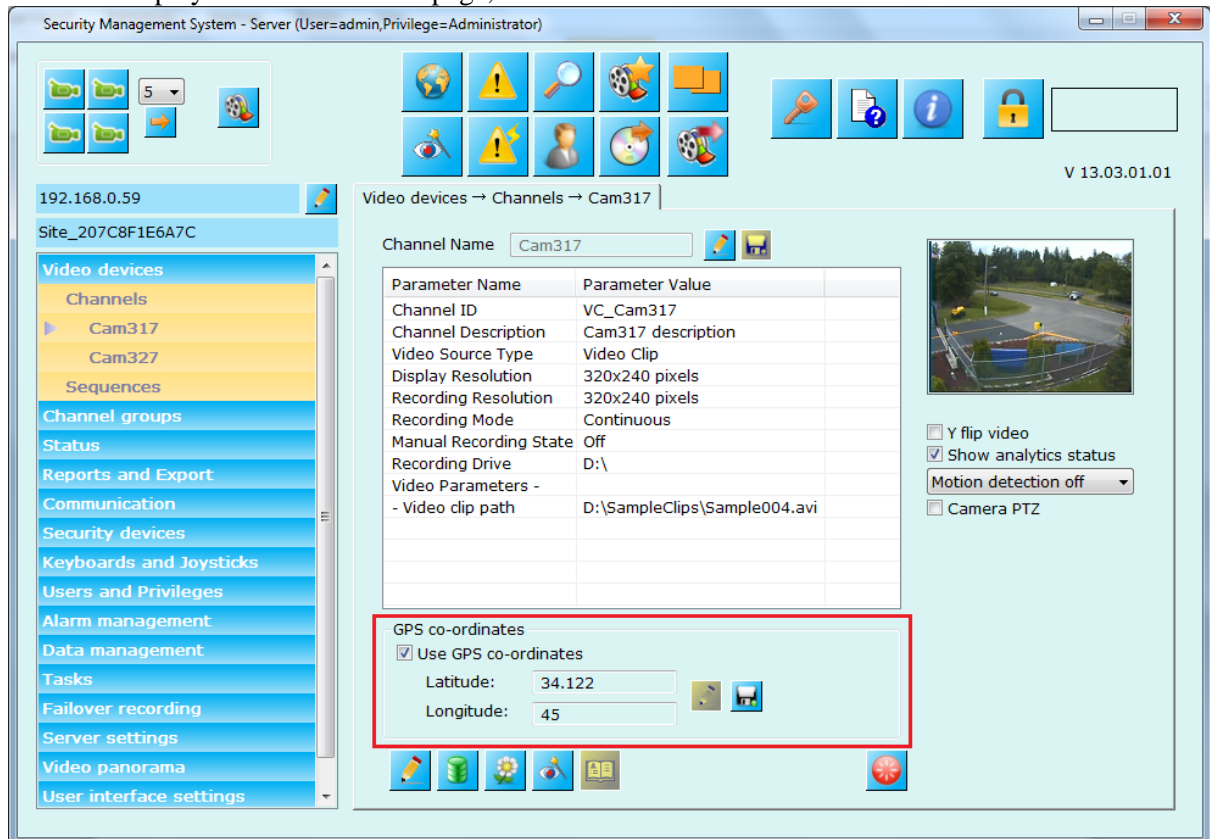
Active Alarms RSS Feed Structure:

A typical active alarms RSS feed response from the Security Management System is as follows –

```xml
<?xml version="1.0" encoding="utf-8" ?>
<rss version="2.0" xmlns:geo="http://www.w3.org/2003/01/geo/wgs84_pos#">
  <channel>
     <title>Security Management System Active Alarms</title>
     <description>Active alarms in Security Management System</description>
     <pubDate>2010-06-17T22:36:06</pubDate>
     <item>
       <guid>1</guid>
       <title>Intrusion</title>
       <pubDate>2010-06-14T20:37:58</pubDate>
       <description>Camera: Parking 1; Site: Site_78E4000CF131</description>
       <geo:lat>49.2968</geo:lat>
       <geo:long>-123.1363</geo:long>
     </item>
     <item>
       <guid>2</guid>
       <title>Line Crossing</title>
       <pubDate>2010-06-14T21:23:13</pubDate>
       <description>Camera: East Fence; Site: Site_78E4000CF131</description>
       <geo:lat>49.2968</geo:lat>
       <geo:long>-123.1363</geo:long>
     </item>
  </channel>
 </rss>
```

Note – the GPS coordinates information '<geo:lat>' and '<geo:long>' is included in the RSS feed response only if the GPS coordinates for the camera which has generated the alarm has the GPS location defined in the Security Management System server software.

Defining GPS Location For Cameras:

1. In the Security Management System server software, navigate to the 'Video devices -> Channels -> <Camera name>' from the navigation menu available on the left. (<Camera name> indicates the string indicating the actual camera name. There will be one <Camera name> sub-lin available for every camera).

2. This will display the camera details page, which shows information about the selected camera.

3. Under the 'GPS co-ordinates' section, click on the 'Edit' button to enable the user interface.

4. Select the 'User GPS co-ordinates' check-box.

5. Type the 'Latitude' and 'Longitude' values for the GPS location.

6. Click on the 'Save' button to save the settings.

Define the GPS location for every camera added to the Security Management System server software, following the steps 1 to 6.