

## 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.

Security Management System - Server (User=a	admin,Privilege=Administrator)
192.168.0.59	Communication $\rightarrow$ RSS Feed settings
Site_207C8F1E6A7C	
	RSS feed Configuration for active alarms
	RSS Feed URL: http://192.168.0.59:9900/rss/activealarms
Status	Active Alarms: Recently generated alarms
Reports and Export	Duration: Last 30 Minutes
Communication	
Network	
Email settings	
Phone settings	
FTP settings	
Video streaming	
RSS Feed settings	
Security devices	
Keyboards and Joysticks	
Users and Privileges	
Alarm management	
Data management	
Tasks	
Failover recording	
Server settings 🔹	

- 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 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.

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	Channel Name Cam317	And a first state of a
Video devices Channels	Parameter Name Parameter Value	
Cam317	Channel ID VC_Cam317 Channel Description Cam317 description	
Cam327	Video Source Type Video Clip	We the second
Sequences	Recording Resolution 320x240 pixels	A Summer of the second se
Channel groups	Recording Mode Continuous	🗖 Y flip video
Status	Manual Recording State Off	Show analytics status
Reports and Export	Video Parameters -	Motion detection off
Communication	- Video clip path D:\SampleClips\Sample004.avi	Camera PTZ
Security devices		
Keyboards and Joysticks		
Users and Privileges		
Alarm management	GPS co-ordinates	1
Data management	☑ Use GPS co-ordinates	
Tasks	Latitude: 34.122	
Failover recording	Longitude: 45	
Server settings		1
Video panorama	1 📝 🗿 🧟 📥 💷 🛛 🚳	
User interface settings		-

- 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.