



Report Generator Plugin

Instructions For Configuring To Run As A Scheduled Task

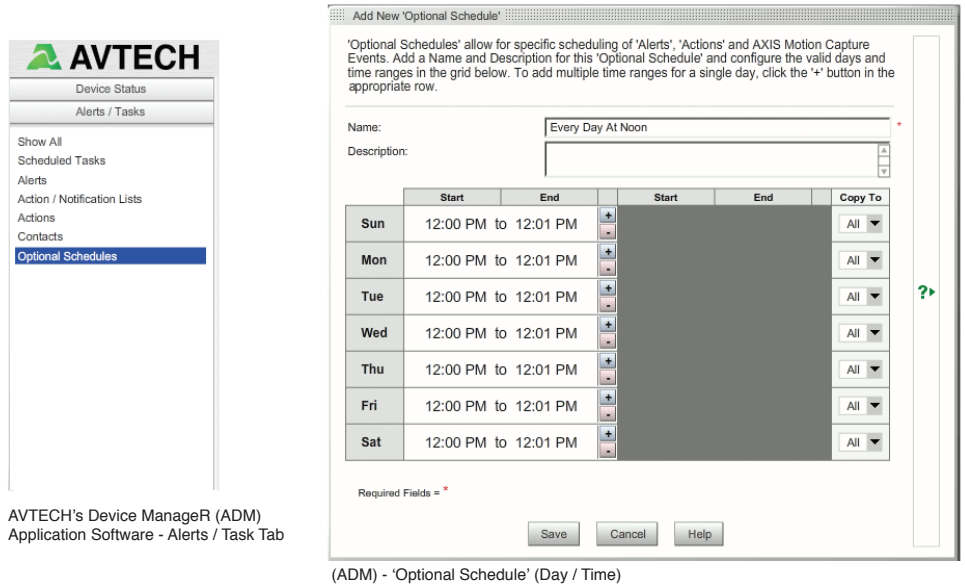
AVTECH's Report Generator Plugin, for use with AVTECH's Device Manager software, will allow users to send detailed reports automatically on a schedule from Device Manager to an unlimited number of contacts via email regarding specified Room Alert, TemPageR and sensor devices on the network. This plugin is especially useful with the 'Scheduled Tasks' functionality, however can also be used to send report emails when alerts occur. See the instructions below for

Configuring The Report Generator Plugin To Run As A Scheduled Task

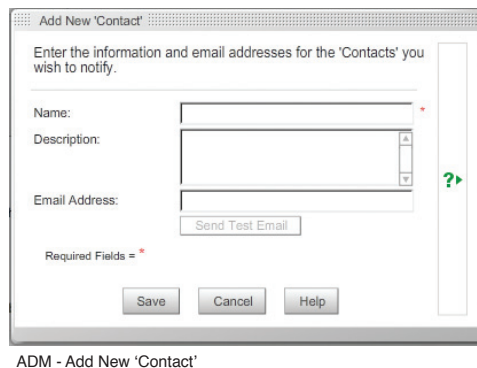
1. Go to the 'Downloads' section on the AVTECH website (AVTECH.com/Downloads). Login using the Username and Password emailed to you when you purchased your Room Alert or TemPageR monitor. Request this online if needed. Click to download the Report Generator Plugin (purchased separately) onto the host PC that is running AVTECH's Device Manager application software. Follow the download instructions as prompted.
2. The Report Generator Plugin works by using a set of keywords that can be used within your report emails. These keywords will be replaced by Device Manager with information regarding the current status of the discovered devices. Below is a list of keywords and a short description on what they will be replaced with:
 - » [Keyword] - Description
 - » [ALERT_COUNT] - Total number of alerts detected.
 - » [ALERT_COUNT_TODAY] - Total number of alerts detected within the last 24 hours.
 - » [ALERT_COUNT_THIS_WEEK] - Total number of alerts detected within the past 7 days.
 - » [ALERT_COUNT_THIS_MONTH] - Total number of alerts detected within the past 30 days
 - » [ALERT_COUNT_THIS_YEAR] - Total number of alerts detected within the past 365 days.
 - » [CURRENT_ALERTS] - Number of alerts currently in progress.
 - » [CONFIGURED_ALERT_COUNT] - Number of alerts currently configured.
 - » [ALERT_LIST] - List of alerts and their current status.
 - » [ALL_VALUES] - List of discovered devices and the current values for all connected sensors.
 - » [CURRENT_VALUES] - List of discovered devices and current values on all connected sensors.
 - » [CURRENT_TEMPERATURES] - List of discovered devices and the current temperature values on built-in and connected sensors.
 - » [TOTAL_DEVICES] - Total number of devices currently discovered.
 - » [AVTECH_DEVICE_COUNT] - Total number of AVTECH devices that have been discovered (Room Alert and/or TemPageR).
 - » [AXIS_DEVICE_COUNT] - Total number of Axis cameras devices discovered.
 - » [PING_COUNT] - Total number of Pings that have been configured and are currently being monitored.
 - » [SERVER_IP] - IP address of the host system running Device Manager.
 - » [SERVER_PORT] - Port used by the web interface of Device Manager.
 - » [DATETIME] - Current date and time on host system running Device Manager.

These keywords can be used in both the subject and body of an email, however it is suggested to only use the short keywords within a subject (keywords that only return a number instead rather than a list) due to space limitations. To begin using the Report Generator Plugin you must first set up a schedule for receiving reports.

- To create a 'Schedule' click on the 'Alerts/Tasks' tab in AVTECH's Device Manager software. Then click the 'Add' button under the 'Optional Schedules' section. An 'Add new Optional Schedule' screen should pop up. Name your schedule as desired (e.g. 'Every Day At Noon', 'Weekly at 5:00', etc.), then set the range for the desired times you wish to receive these reports for. Once this time range is set you can then click on the 'Copy To' drop down to set this same time range for the desired days of the week. Click 'Save' to save this schedule.

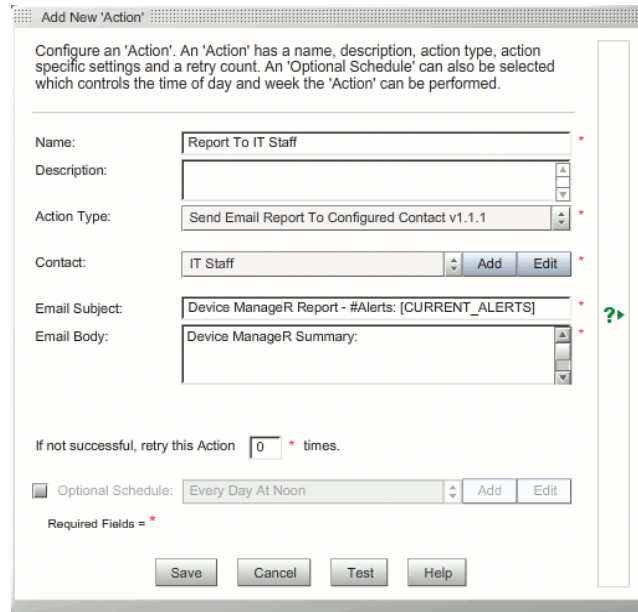


- Next you will need to make sure that the person who should be receiving these reports is set up as a contact under the 'Alerts/Tasks' tab. Click on 'Contacts' -> 'Add' and fill in the name and email address for the contact you would like to add. This could also be an alias for a group such as 'IT Team'. Make sure to set up each contact separately if more than one contact is desired.



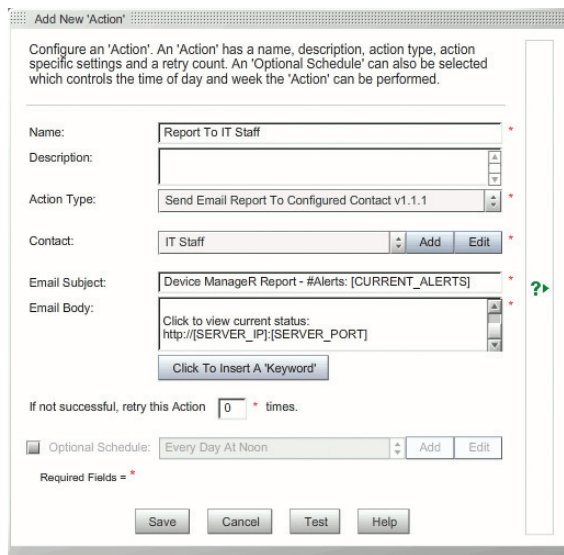
- Now that your schedule and contacts are set up, will need to create the action that will send the desired Report. Click on the 'Actions' section under the 'Alerts/Tasks' tab, then click 'Add'. This will take you to the 'Add New Action' screen. Name your new action, add a description if desired, then select the 'Send Email Report To Configured Contact' option from the 'Action Type' drop down. Once you have the action

type selected, select the contact recipient for this action. If you would like to send a report to more than one contact, make sure to create separate actions for each contact or use an alias as the contact where the alias forwards to the desired group of recipients. Click 'Save' to save this action.

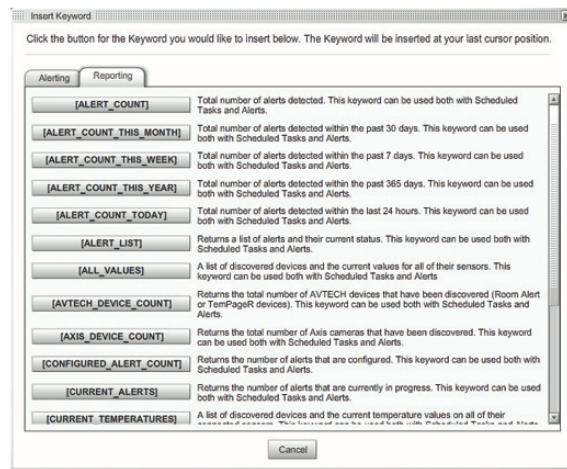


ADM - Add New 'Action'

- Your Action is now configured with the default settings. This will give you a very good start to your data reporting. The default email body contains most of the major keywords. You may however, want to update the [CURRENT_VALUES] keywords for either [ALL_VALUES] or [CURRENT_TEMPERATURES] in order to receive the information you desire. To do this, click in the email body box and edit your keywords. See a list and add keywords by clicking the 'Click To Insert Keyword' button just below the email body. Click the 'Test' button to send a test report. This will show you what the generated reports will look like with the current configuration.



ADM - Add New 'Action' (Click To Insert Keywords)



ADM - Sample Keywords

7. The final step in setting up your Report Generator plugin to send reports on a schedule is to set up your 'Scheduled Task'. Click the 'Add' button under the 'Scheduled Tasks' section. When the 'Add New Scheduled Task' screen pops up, enter a name then select the schedule task you previously set up from the 'Schedule' drop down menu. Click the add button under that section to access the 'Add Task Item' screen. Select the created task action from the drop down and specify the start, repeat and perform action fields. Your final task item should look like this:

Add New 'Scheduled Task'

Add Scheduled 'Task Item'

Click 'Save' for this task item then 'Save' the Scheduled Task. See sample of the Report Generator output report below:

```
Subject: Device Manager Report - #Alerts: [CURRENT_ALERTS]
Message Body:
Device Manager Summary:
# Devices Discovered: [TOTAL_DEVICES]
# AVTECH Devices: [AVTECH_DEVICE_COUNT]
# Axis Cameras: [AXIS_DEVICE_COUNT]

Alert Summary:
# Alerts In Progress: [CURRENT_ALERTS]
# Alerts Configured: [CONFIGURED_ALERT_COUNT]

# Alerts This Week: [ALERT_COUNT_THIS_WEEK]
# Alerts This Month: [ALERT_COUNT_THIS_MONTH]
# Alerts This Year: [ALERT_COUNT_THIS_YEAR]

Current Alert Summary:
[ALERT_LIST]

Current Device Sensor Summary:
[CURRENT_VALUES]

Click to view current status: http://\[SERVER\_IP\]:\[SERVER\_PORT\]
```

Sample Email Report - Corresponding Keywords

```
[Device Manager Summary:
# Devices Discovered: 14
# AVTECH Devices: 8
# Axis Cameras: 4

Alert Summary:
# Alerts In Progress: 0
# Alerts Configured: 1

# Alerts This Week: 58
# Alerts This Month: 58
# Alerts This Year: 58

Current Alert Summary:
Motion - No Alert

Current Device Sensor Summary:
MN3 Dunkin R26:
Internal Sensor:
Temperature: 71.96 F
Humidity: 27.83 %RH
Power Sensor:
Main Power
Flood Sensor:
Cable: Disconnected
Ext. Sensor 2:
Temperature: 73.9 F
Ext. Sensor 3:
Temperature: 70.01 F
Ext. Sensor 5:
Temperature: 72.32 F
Humidity: 22.4 %RH
Ext. Sensor 6:
Temperature: 185.0 F
Switch Sen 1:Open
Switch Sen 2:Open
```

Sample Email Report

* If you have feedback on this application note or any AVTECH product, please email to: Feedback@AVTECH.com

** If you need technical assistance regarding the Report Generator Plugin or AVTECH's Device Manager (ADM) please contact Technical Support online at: AVTECH.com