

Application Note - AN109

PlaneTRack managing software for SNMP settings

0. General

This Application Note describes the SNMP manager software for Planevision Systems PlaneTRack devices with SNMP (industry) Option enabled. The software is installed on all devices with a manufacturing date of 2017 or later.

0.1 Applicability of Application Note

Planevision Systems device	Applicable	Remark
PlaneTRack, all types	Yes	with SNMP (Industry) Option enabled only

0.2 Record of Revisions

Version	Date of issue	Revision
1.0	01 Jan 2017	Initial release

1.0 Start SNMP manager

Login to your PlaneTRack device via the SSH console port 22. The detailed login procedure and user/password are described in the Operating Manual.

When login is completed enter

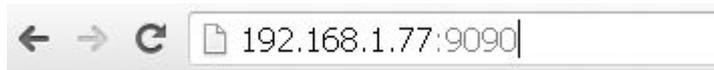
```
root@planetrack110048:~# ./snmp-manager.bat
```

After start of the SNMP manager you will see a system message and the prompt will not return until the application is shutdown:

```
snmp-manager.py (c) 2016 Planevision Systems 1.17.01.01A
Sun Jan 1 09:05:37 2017 Server started - :9090
```

2.0 Usage of SNMP manager

Open a web browser and go to your PlaneTRack device IP and port 9090, e.g. for a device at IP 192.168.1.77 the entry would read::



A webpage will open in the browser that shows the current SNMP parameters. Parameters in grayed fields are read only, all other parameters can be edited.

After editing the desired parameters press SAVE CHANGES. The parameters will be written to disk and reloaded when you press the BACK button on the subsequent page.

After editing is completed and changes are saved press the RESTART SNMP button to reload the SNMP daemon on the PlaneTRack device. SNMP is now ready to operate with the edited parameters.



PlaneTRack SNMP Manager

Device Name	<input type="text" value="planetrack110048"/>		
Device Type	<input type="text" value="PlaneTRack Type B 110"/>		
Serial Number	<input type="text" value="110.099"/>		
MAC address	<input type="text" value="78:a5:04:ca:99:59"/>	<input type="text" value="78:a5:04:ca:99:59"/>	
SNMP sysname	<input type="text" value="ADS-B-RX01"/>		
SNMP community id	<input type="text" value="public"/>	<input type="text" value="public"/>	<input type="text" value="public"/>
SNMP traps target IP	<input type="text" value="192.168.1.99"/>	<input type="text" value="192.168.1.99"/>	

Press SHUTDOWN SNMP MANAGER to close the application. The SSH console will return to the command prompt:

```
root@planetrack110048:~#
```

3.0 Inconsistency errors

When SNMP settings are inconsistent between fields of the lines SNMP COMMUNITY ID or SNMP TRAPS TARGET IP a warning will appear. Please make sure the correct settings are applied.