

# Nagios API

The software integration work to monitor the RECS®|Box System is quite simple as the the TOR-Master provides monitoring information in the Nagios native NRPE format. So only the NRPE plugin has to be installed and configured as follows. Here, a sample output can be found:

```
/usr/lib/nagios/plugins/check_nrpe -H 10.11.12.244 -c check_temp -a
10.11.12.244 10 2 30 40
OK - Temperature: 29 C|temp=29,000000;30;40;10,000000;105,000000
```

The options are used as following

Option	Description
-H	Host to ask for data, this is always the IP of the TOR-Master (example: 10.11.12.244)
-c	Plugin to run. Can be check_temp or check_power
-a	Options to pass to the plugin, see more details in tables below

Options for check\_temp plugin:

Option example	Description
10.11.12.244	Get sensor values from device with this IP (RCU/RPU)
10	Get sensor values from this baseboard (1 - 18)
2	Get values from this sensor (max, inlet, outlet, 0, 1, 2, 3, 4)
30	Upper warning threshold
40	Upper critical threshold

Options for the check\_power plugin:

Option example	Description
10.11.12.244	Get sensor values from device with this IP (RCU/RPU)
10	Get sensor values from this baseboard (1 - 18)
2	Get sensor values from this node (1, 2, 3, 4)
30	Upper warning threshold [Watt]
40	Upper critical threshold [Watt]

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