

# 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 this device (RCU/RPU) |
| 10             | Get sensor values from this baseboard (1-18) |
| 2              |  |
| 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 this device (RCU/RPU) |
| 10             | Get sensor values from this baseboard (1-18) |
| 2              | Get values from this node (0, 1, 2, 3, 4)    |
| 30             | Upper warning threshold                      |
| 40             | Upper critical threshold                     |

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