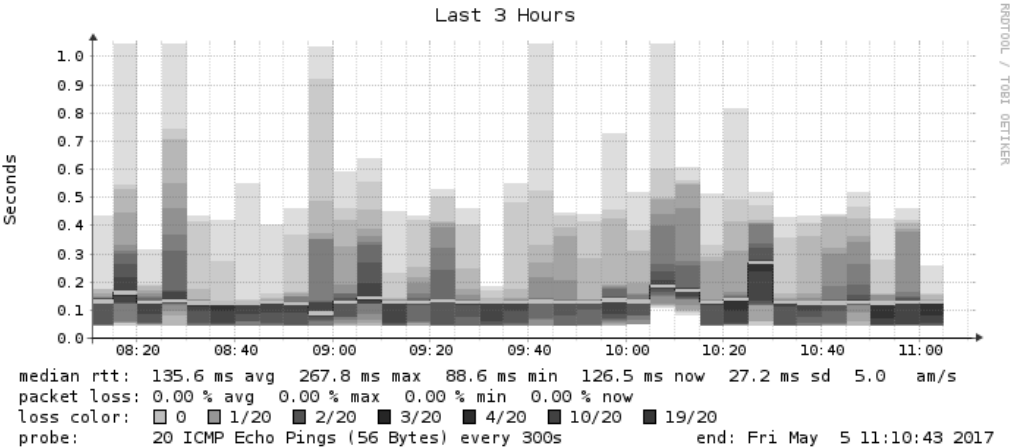| Spannung	Strom
Ueff	I
228.7	**0.48**
210 V 250	0 A 6
Spannungsverlauf	Stromverlauf

JE-Inspect
Monitoring system
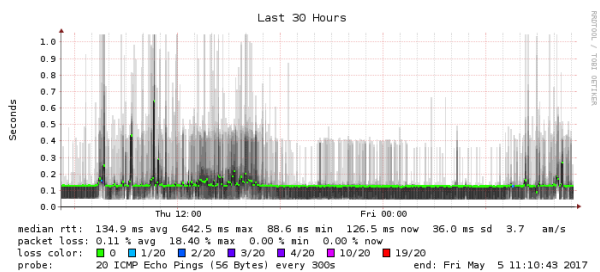
Surveillance of hardware, software, network

RRDTOOL / TOBI OETIKER

Last 3 Hours

```
median rtt:   135.6 ms avg   267.8 ms max   88.6 ms min   126.5 ms now   27.2 ms sd   5.0   am/s
packet loss:  0.00 % avg    0.00 % max   0.00 % min   0.00 % now
loss color:   ▢ 0   ▨ 1/20   ▨ 2/20   ▨ 3/20   ▨ 4/20   ▨ 10/20   ▨ 19/20
probe:        20 ICMP Echo Pings (56 Bytes) every 300s            end: Fri May  5 11:10:43 2017
```
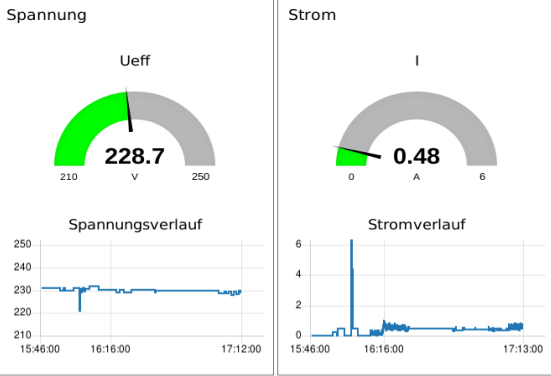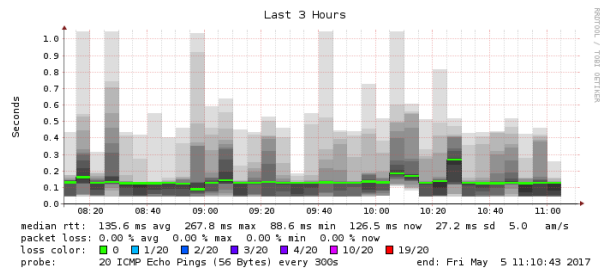
Monitoring System

Temperature

Power supply
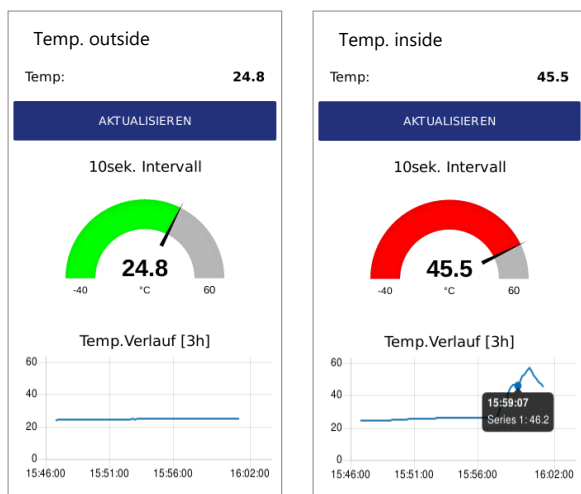
Network / services

Alarm

Measuring of network

Working with individual threshold values, **JE-Inspect** detects critical conditions and informs the responsible person automatically.

The system registers upcoming difficulties before they occur. Necessary actions can thus be planned with sufficient lead time and downtime can be lowered or avoided.
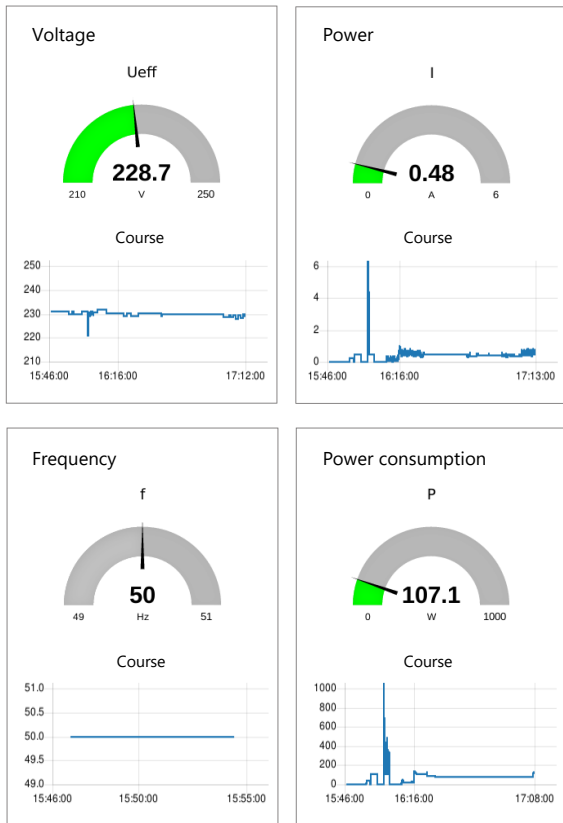
Required data are queried continuously by **JE-Inspect** and presented in an overview. Notifications and alarms can be transmitted via e-mail, text message, or sound notification.

JE-Inspect can be integrated into existing server racks. The output is realized with a web browser interface and a stationary display.

Measuring of temperature

JE-Inspect

Monitoring System

Voltage

Ueff

228.7

210   V   250

Course

Power

I

0.48

0   A   6

Course

Frequency

f

50

49   Hz   51

Course

Power consumption

P

107.1

0   W   1000

Course

Measuring of power supply

Advantages

- ✓ **Early alert system**

- ✓ **Web based operating (independent from operating system)**

- ✓ **Customer specific installation**

- ✓ **Individual extensions**

- ✓ **Can be integrated into existing system**

- ✓ **Database system (evaluation of development in relation to time)**

Temperature

- ✓ **Inside**

- ✓ **Outside**

- ✓ **Surrounding**

- ✓ **Housing**

Power supply

- ✓ **Power**

- ✓ **Voltage**

- ✓ **Frequency**

- ✓ **Power consumption**

Network / Services

- ✓ **Ping/-Timeout**

- ✓ **Responding time / speed**

- ✓ **JE software**

- ✓ **MySQL**

Alarm

- ✓ **User defined thresholds**

- ✓ **Information via:**

- ✓ **E-Mail (customer network or JE interface)**

- ✓ **Optical and acoustical signals**

- ✓ **Different alarm levels**