

45. konference
EurOpen.CZ

Dohled nad (nejen) IT prostředím pomocí PRTG

7. října, Kašperské Hory

Martin Couf
technický ředitel, Whitesoft, ČR





Česko-belgická IT společnost
~ 30 zaměstnanců
zaměření na SMB (5 - 500 uživ.)

IBM Premier Business Partner (ICS)
Google and Microsoft reseller

Proč něco monitorovat?



Ušetřit čas



Ušetřit peníze



Zajistit bezpečnost

Proč PRTG Network Monitor?



The All-In-One Network Monitoring Solution

Proč PRTG Network Monitor?



The Ultimate Open Source
Monitoring Solution



Opensource vs. komerční SW

Procedure 3.1. Monitoring a Remote HTTP Service with Nagios

1. Create a directory inside /etc/nagios/objects using mkdir. You can use any desired
2. Open /etc/nagios/nagios.conf and set cfg_dir (configuration directory) to the dire created in the first step.
3. Change to the configuration directory created in the first step and create the following files: services.cfg and contacts.cfg
4. Insert a host object in hosts.cfg:

```
define host {
  name          host.name.com
  host_name     host.name.com
  address       192.168.0.1
  use           generic-host
  check_period  24x7
  check_interval 5
  retry_interval 1
  max_check_attempts 10
  contact_groups admins
  notification_interval 60
  notification_options d,u,r
}
```

5. Insert a service object in services.cfg:

```
define service {
  use           generic-service
  host_name     host.name.com
  service_description HTTP
  contact_groups router-admins
  check_command check_http
}
```

Funkce



Použitelnost



Instalace



Cena



Bud. požadavky



Podpora



Nagios®

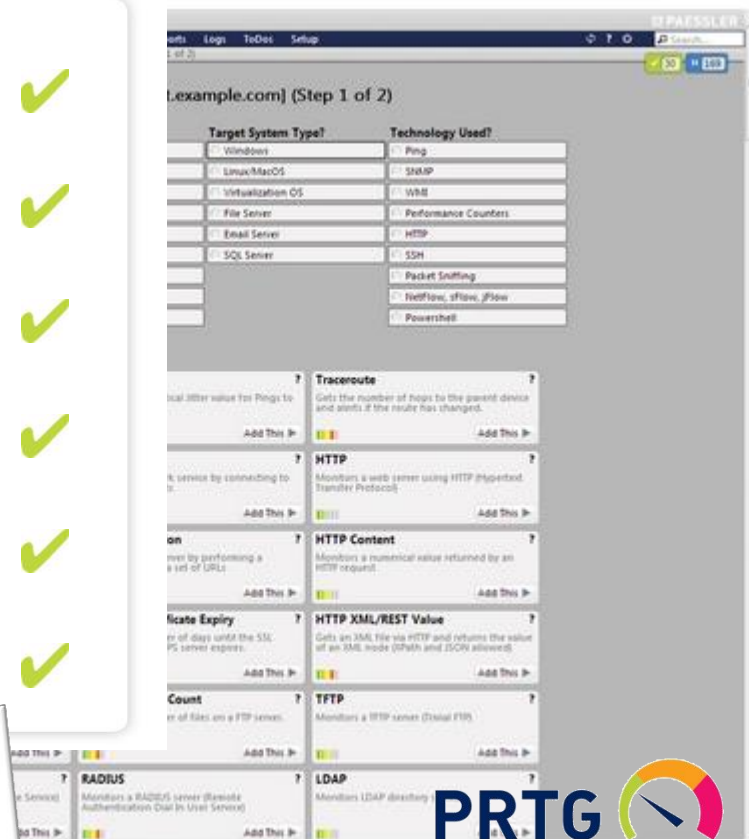


Jonah Kowall
Research Vice President
3.5 years with Gartner
20 years IT industry

Got Nagios? Get rid of it.

by **Jonah Kowall** | February 22, 2013 | 168 Comments

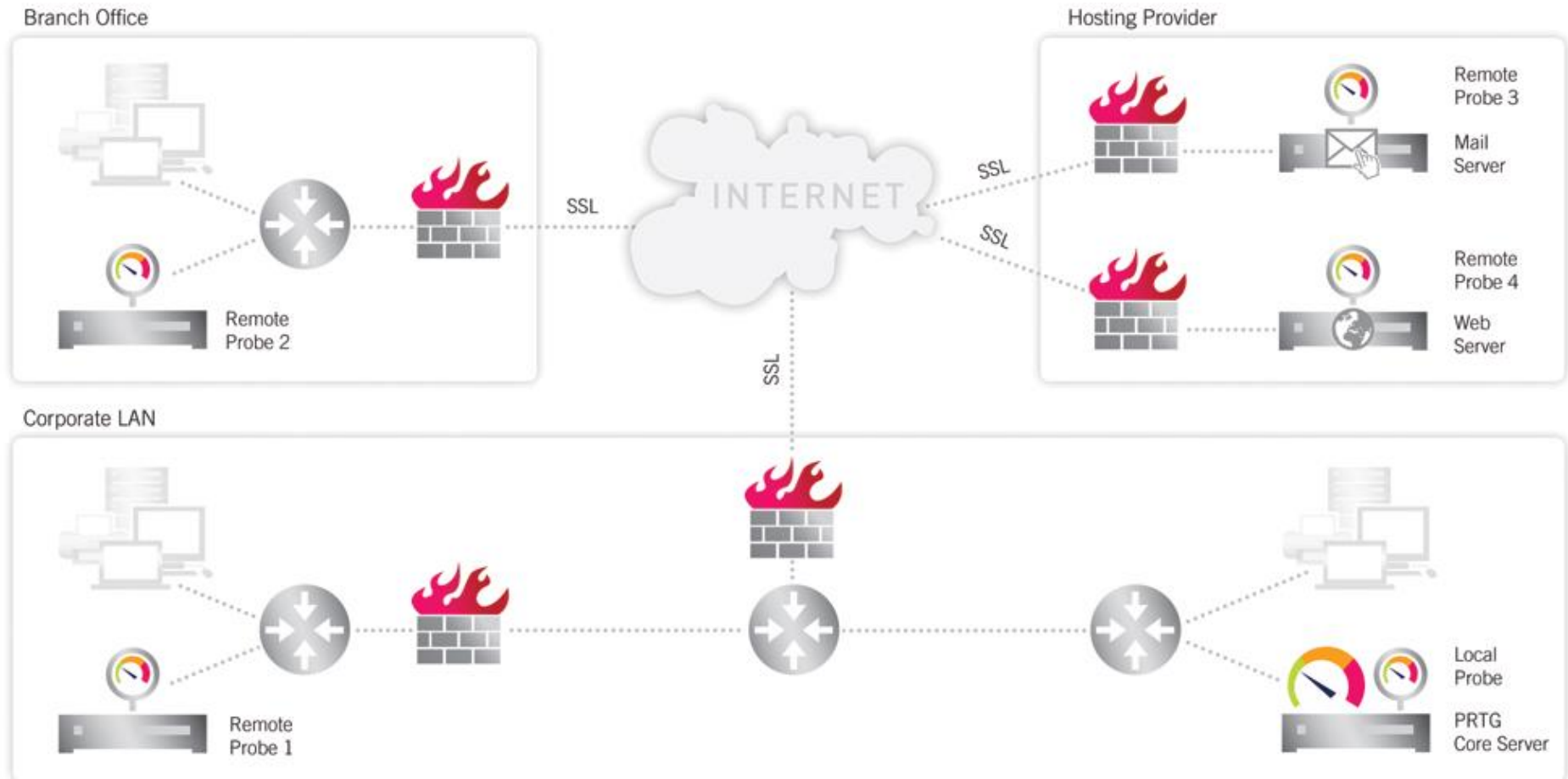
Nagios is a great product, it's free, you can't beat that. The problem is that the level of usability and sophistication of the product is pretty much zero. Don't expect any bells and whistles, or really any usability for that matter. The technology is rudimentary at best, but it can get the job done with the right skills on staff.



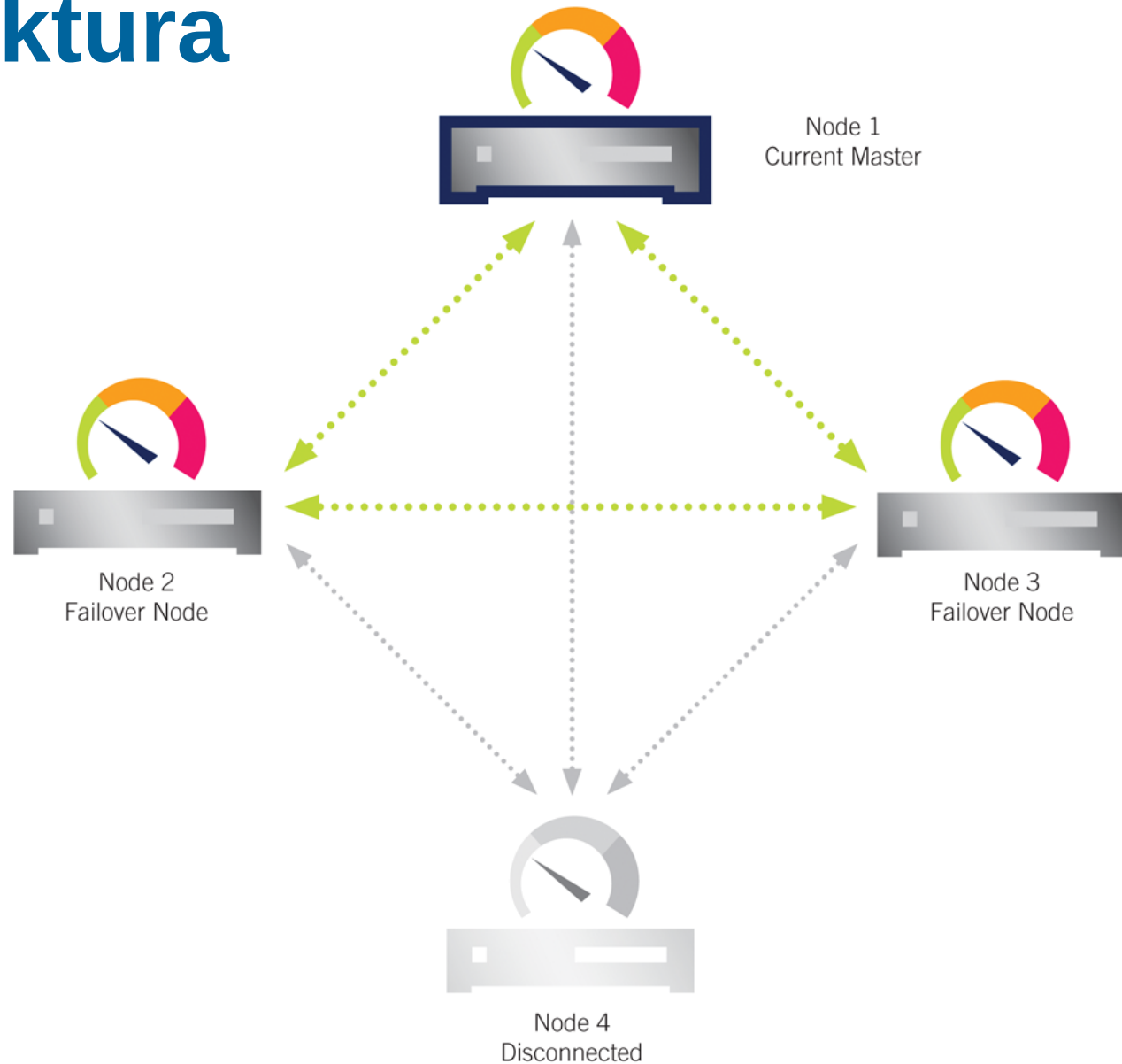
PRTG NETWORK MONITOR

Architektura

Core server + remote probes



Architektura Clustering



Próba

- Server > Próba > (Skupina) > Zařízení > Senzor
- Oblíbené, Knihovny

The screenshot displays the Whisker monitoring application interface. The top navigation bar includes links for Home, Devices, Libraries, Sensors, Alarms, Maps, Reports, Logs, Tickets, and Setup. The main header shows the selected device 'Probe VGD SK, Bratislava' and a summary of system status: New Alarms (2), New Log Entries (696), 6 critical alerts, 21 warnings, 34 info messages, 3043 OK sensors, 237 unknown sensors, and 31 offline sensors.

The device overview section shows the status as 'OK Connected' and lists 45 sensors (3 warnings, 45 OK). A search bar and dependency settings are also visible.

The main content area lists the device's configuration hierarchy:

- Probe VGD SK, Bratislava**
 - Probe Device**: 2 Sensors (Warning), 14 Sensors (OK)
 - Lotus Team**
 - domino.vgd.sk**: NRPC (OK), HTTP (OK), IMAP (OK), SMTP (OK)
 - Windows Team**
 - HYPER-V Server**: PING (OK), WMI CPU Load (OK), WMI Memory (Warning), Hyper-V Hosts (OK), Disk Traffic (OK), Network Traffic (OK)
 - HYPER-V Virtual Machines**: SRV01 - DO... (OK), D:-Virtual Har... (OK), D:-Virtual Har... (OK), SRV02 - Mail... (OK), D:-Virtual Har... (OK)
 - SERVER1**: PING (OK), DNS (OK), RDP (OK)
 - SERVER2**: PING (OK), DNS (OK), RDP (OK)
 - Tatran (192.168.16.146)**: PING (OK), HTTP (OK), RDP (OK)

On the right side, there is a 'Geo Map' showing the location of the device on a map of Bratislava, and a '2 days' time-series graph showing sensor status over time.

- **Uživatelé, skupiny, dědění**

Home

Devices

Libraries

Sensors

Alarms

Maps

Reports

Logs

Tickets

Setup

Setup

System Administration

System Administration

User Interface

Monitoring

Notification Delivery

Core & Probes

User Accounts

User Groups

USERS

1 to 50 of 66

Object	Type	Active/P
ALU-SV\Karel Vorisek	PRTG	Active
Azureizen\Dridi	PRTG	Active
BASf\Tomas Tesner	PRTG	Active
BDP\ BDP	PRTG	Active
BE-contact\pieter.van.neste	PRTG	Active
celtima\miroslav.vavra	PRTG	Active
DialTelecom\Jiri Leso	PRTG	Active
Elvia\Distribuční seznam správčů ...	PRTG	Active
Elvia\Jakub Zarsky	PRTG	Active
Elvia\Petr Stejskal	PRTG	Active
EZI\Giulio Carletto	PRTG	Active
Karlberg\karlberg	PRTG	Active
lovato\nts	PRTG	Active
Mall\Internet Mall	PRTG	Active

Home

Devices

Sensors

Alarms

Maps

Reports

Logs

Tickets

Setup

Devices

Probe ALU-S.V. Praha ▼

ACCESS RIGHTS

New Alarms 2

New Log Entries 779

☐ inherit from Root

User Group Access

Search...

User Group	Rights
ALU-SV\admin	Full
Azurreizen	Inherited (None)
Basf	Inherited (None)
BDP\BDP Group	Inherited (None)
Cassochrome	Inherited (None)
celtima\miroslav.vavra Group	Inherited (None)
CNCTvar\Windows Administrators	Inherited (None)
DistTelecom\Users	Inherited (None)

☐ Revert children's access rights to inherited

CHANNEL UNIT CONFIGURATION

Save

Cancel

Senzory

• 217 typů + vlastní (EXE, API, ...)

HomeDevicesLibrariesSensorsAlarmsMapsReportsLogsTicketsSetup

DevicesProbe Bohdalec...Camera1 (HIKVISION)Add Sensor (Step 1 of 2)

New Alarms 2New Log Entries 729!! 6↑ 21W 33✓ 304

MATCHING SENSOR TYPES

Amazon CloudWatch?
Monitors performance of an Amazon Web Services instance
■■■■Add This ▶

EXE/Script?
Runs EXE/DLL or a script (batch file, VBScript, PowerShell) which returns text
■■■■Add This ▶

HTTP?
Monitors a web server using HTTP (Hypertext Transfer Protocol)
■■■■Add This ▶

HTTP Push Count?
Counts received messages which are pushed via an HTTP request to PRTG.
■■■■Add This ▶

IMAP?
Monitors a mail server using IMAP (Internet Message Access Protocol)
■■■■Add This ▶

LDAP?
Monitors LDAP directory services
■■■■Add This ▶

NetFlow V9 (Custom)?
Monitors a switch using NetFlow Version 9 (customizable)
■■■■Add This ▶

POP3 Email Count?
This sensor counts the number of email messages in an POP3 mailbox.
■■■■Add This ▶

sFlow?
Monitors a switch using sFlow V5
■■■■Add This ▶

SNMP APC Hardware?
■■■■Add This ▶

AVM FRITZ!Box WAN Interface?
Monitors the internet connection traffic of an AVM Fritz!Box
■■■■Add This ▶

EXE/Script Advanced?
Runs EXE/DLL or a script (batch file, VBScript, PowerShell) which returns XML
■■■■Add This ▶

HTTP Advanced?
Monitors a web server using HTTP (supports authentication, content checks, etc.)
■■■■Add This ▶

HTTP Push Data Advanced BETA?
Displays data from received messages which are pushed via an HTTP request to PRTG.
■■■■Add This ▶

IP on DNS Blacklist?
This sensor checks the IP address of the parent device against a number of blacklist servers.
■■■■Add This ▶

Microsoft SQL?
Monitors a database on a Microsoft SQL Server
■■■■Add This ▶

Oracle SQL?
Monitors a database on an Oracle SQL Server
■■■■Add This ▶

Port?
Monitors a network service by connecting to its TCP/IP port
■■■■Add This ▶

sFlow (Custom)?
Monitors a switch using sFlow V5 (customizable)
■■■■Add This ▶

SNMP Cisco ADSI?
■■■■Add This ▶

Cisco IP SLA?
Monitors VoIP network parameters using IP SLA from Cisco (uses SNMP)
■■■■Add This ▶

FTP?
Monitors FTP servers (File Transfer Protocol) and FTPS servers (FTP over SSL)
■■■■Add This ▶

HTTP Apache ModStatus PerfStats?
Monitors performance statistics of an Apache web server using mod_status over HTTP
■■■■Add This ▶

HTTP Push Data BETA?
Displays data from received messages which are pushed via an HTTP request to PRTG.
■■■■Add This ▶

IPFIX?
Monitors a switch using IPFIX
■■■■Add This ▶

MySQL?
Monitors a database on a MySQL Server
■■■■Add This ▶

Ping?
Monitors connectivity using Ping
■■■■Add This ▶

Port Range?
Monitors a network service by connecting to various TCP/IP ports
■■■■Add This ▶

SIP Options Ping?
Monitors connectivity for a SIP server using SIP options "Ping"
■■■■Add This ▶

SNMP Cisco ASA VPN Connections?
■■■■Add This ▶

Dell PowerVault MDi?
This sensor shows stats for one drive on your Dell PowerVault MD5000
■■■■Add This ▶

FTP Server File Count?
Returns the number of files on a FTP server.
■■■■Add This ▶

HTTP Apache ModStatus Totals?
Monitors accesses and transferred kBytes of an Apache web server using mod_status over HTTP
■■■■Add This ▶

HTTP SSL Certificate Expiry?
Returns the number of days until the SSL certificate of a HTTPS server expires.
■■■■Add This ▶

IPFIX (Custom)?
Monitors a switch using IPFIX (customizable)
■■■■Add This ▶

NetFlow V5?
Monitors a switch using NetFlow Version 5
■■■■Add This ▶

Ping Jitter?
Returns the Statistical Jitter value for Pings to the parent device.
■■■■Add This ▶

RADIUS?
Monitors a RADIUS server (Remote Authentication Dial In User Service)
■■■■Add This ▶

SMTP?
Monitors a mail server using SMTP (Simple Mail Transfer Protocol)
■■■■Add This ▶

SNMP Cisco ASA VPN Traffic?
■■■■Add This ▶

DNS?
Monitors a DNS server (Domain Name Service)
■■■■Add This ▶

Google Analytics?
Pulls data from Google Analytics
■■■■Add This ▶

HTTP Content?
Monitors a numerical value returned by an HTTP request
■■■■Add This ▶

HTTP Transaction?
Monitors a web server by performing a transaction using a set of URLs
■■■■Add This ▶

jFlow V5?
Monitors a switch using jFlow V5
■■■■Add This ▶

NetFlow V5 (Custom)?
Monitors a switch using NetFlow Version 5 (customizable)
■■■■Add This ▶

Pingdom?
Returns the response time of a Pingdom check.
■■■■Add This ▶

RDP (Remote Desktop)?
Monitors remote desktop services (RDP, Terminal Services Client)
■■■■Add This ▶

SMTP&IMAP Round Trip?
Monitors the time it takes for an email to reach an IMAP mailbox after being sent using SMTP
■■■■Add This ▶

SNMP Cisco ASA VPN Users?
■■■■Add This ▶

Enterprise Virtual Array BETA?
Monitors the status of the different modules of an HP StorageWorks EVA using Command View.
■■■■Add This ▶

Green IT?
We all want Green IT.
■■■■Add This ▶

HTTP Full Web Page?
Monitors the full download time of a web page including images etc.
■■■■Add This ▶

HTTP XML/REST Value?
Gets an XML file via HTTP and returns the value of an XML node (XPath and JSON allowed)
■■■■Add This ▶

jFlow V5 (Custom)?
Monitors a switch using jFlow V5 (customizable)
■■■■Add This ▶

NetFlow V9?
Monitors a switch using NetFlow Version 9
■■■■Add This ▶

POP3?
Monitors a mail server using POP3 (Post Office Protocol V3)
■■■■Add This ▶

Sensor Factory?
Create your own sensor with channels based on data from other sensors
■■■■Add This ▶

SMTP&POP3 Round Trip?
Monitors the time it takes for an email to reach a POP3 mailbox after being sent using SMTP
■■■■Add This ▶

SNMP Cisco CROnS?
■■■■Add This ▶

Follow & Share

Senzory

- intervaly, závislosti
- harmonogram, plánovaná údržba

SCHEDULES, DEPENDENCIES, AND MAINTENANCE WINDOW

☐ inherit from  VGD Belgium

Dependencies, schedules and maintenance windows always pause all sensors inside a group/device. This pausing is always inherited to all sub-objects and the inheritance can not be disabled. Below you can set additional schedules, maintenance windows or dependencies that will be used on top of any inherited setting.

Schedule

Everyday 4:00-22:00

Maintenance Window

- ☐ Not set (monitor continuously)
☒ **Set up a one-time maintenance window**

Maintenance Begins At

31.10.2014 01:00

Maintenance Ends At

31.10.2014 05:00

Dependency Type

- ☐ Use parent
☒ **Select object**

Dependency

 **Probe PRTG, Praha, CZ (Local Probe on 127.0.0.1)**
 **VGD Belgium**
 **Antwerpen (Inserver.antwerpen.vgd.eu)**

Delay (Seconds)

0

Alarmy a upozornění

- dashboardy
- mail, SMS, Eventlog, HTTP, EXE, SNMP, ticket

The screenshot displays the WhiteMON dashboard interface. At the top, there is a navigation bar with links: Home, Devices, Libraries, Sensors, Alarms, Maps, Reports, Logs, Tickets, and Setup. A search bar is located on the right. Below the navigation bar, a status bar shows summary statistics: New Alarms (3), New Log Entries (785), and various status icons (7 red, 21 orange, 32 yellow, 3044 green, 237 blue, 31 purple, 16 grey). The main content area is divided into three sections: Dashboard 1, LOG, and 6 FAVORITE SENSORS.

Dashboard 1

7 ALARMS, 21 ACK'ED ALARMS, 32 WARNINGS, 31 UNUSUALS

Date Time	Parent	Object	Status	Message
12 d	10.0.0.250 (ESX) [VMware]	Power Supply 2 Voltage 2	Down	Request timed out (ICMP error # 11010)
12 d	10.0.0.250 (ESX) [VMware]	Power Supply 2 Current 2	Warning	Request timed out (ICMP error # 11010)
12 d	10.0.0.250 (ESX) [VMware]	esx01.medial.L.[Hardware Status]	Notify	Nastavení zásad skupiny pro počítač bylo úspěšné
9 d 7 h	Probe Device	Probe Health	Up	769 MByte
7 d 0 h	Probe SPARK, Dikkelvenne, BE	Windows Updates Status 2	Up	907 msec
6 d 15 h 52 m	PRAHA	Free Disk Space	Warning	//s1.adform.net/Banners/5897716/5897716.jpg?bv=
12 h 52 m	TISK04 [HP Printer]	PING	Up	5.0 %
8 h 55 m	PC-DOHLED-ASISTENTKA	Ping	Up	5.0 %
2 h 46 m	CARSHOP-SBS.carshopn_BS [Windows]	Free Disk Space	Up	4 msec
1 h 48 m	Samsung TV	Ping TV	Notify	The WinHTTP Web Proxy Auto-Discovery Service se
163 s	SK38	Ping	Up	844 msec
	MOZART.sikla.local	Disk Free		

LOG

Date Time	Parent	Object	Status	Message
07.10.2014 00:48:03	SK38	Ping	Down	Request timed out (ICMP error # 11010)
07.10.2014 00:47:58	SK38	Ping	Warning	Request timed out (ICMP error # 11010)
07.10.2014 00:45:45	DCPRAHA	Eventlog: System	Notify	Nastavení zásad skupiny pro počítač bylo úspěšné
07.10.2014 00:45:29	WEBServer	Memory	Up	769 MByte
07.10.2014 00:44:52	www.seznam.cz	HTTP Full Web Page 4	Up	907 msec
07.10.2014 00:44:50	www.seznam.cz	HTTP Full Web Page 4	Warning	//s1.adform.net/Banners/5897716/5897716.jpg?bv=
07.10.2014 00:43:57	Inkubátor	CO2 Inkubator1	Up	5.0 %
07.10.2014 00:43:52	Inkubátor	CO2 Inkubator2	Up	5.0 %
07.10.2014 00:43:08	Firewall Dasice	SMTP	Up	4 msec
07.10.2014 00:43:04	nhcar_14_s2.nhcar_14	Eventlog: System	Notify	The WinHTTP Web Proxy Auto-Discovery Service se
07.10.2014 00:42:51	www.seznam.cz	HTTP Full Web Page 4	Up	844 msec

6 FAVORITE SENSORS

Device	Sensor	Status
APC UPS	Battery Capacity 2	Up
Firewall	Ping	Up
ISG Stiebel Eltron	Temperature	Up

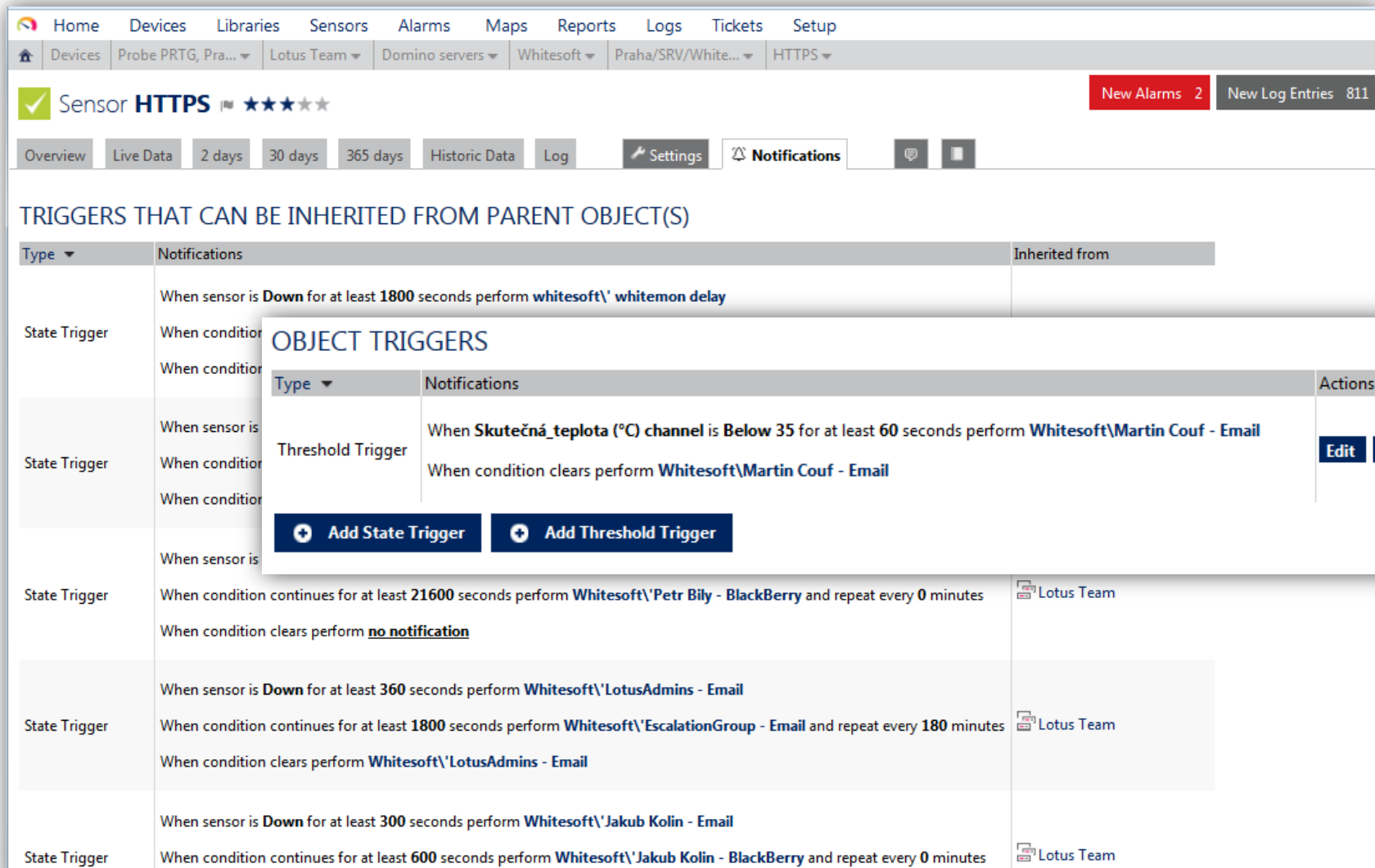
324 OPEN TICKETS

Last modified	Priority	Subject	Assigned to	Object	Actions
02.06.2014 22:03:16	★★★★★	Auto-Update failed	PRTG Administrators	System	Edit Assign Resolve Close
11.02.2014 00:34:12	★★★★★	Manual update required	PRTG Administrators	System	Edit Assign Resolve Close

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Alarmy a upozornění

- konfigurace per senzor vs. dědění



Home Devices Libraries Sensors Alarms Maps Reports Logs Tickets Setup

Devices Probe PRTG, Pra... Lotus Team Domino servers Whitesoft Praha/SRV/White... HTTPS

✓ Sensor **HTTPS** ★★★★★

New Alarms 2 New Log Entries 811

Overview Live Data 2 days 30 days 365 days Historic Data Log Settings Notifications

TRIGGERS THAT CAN BE INHERITED FROM PARENT OBJECT(S)

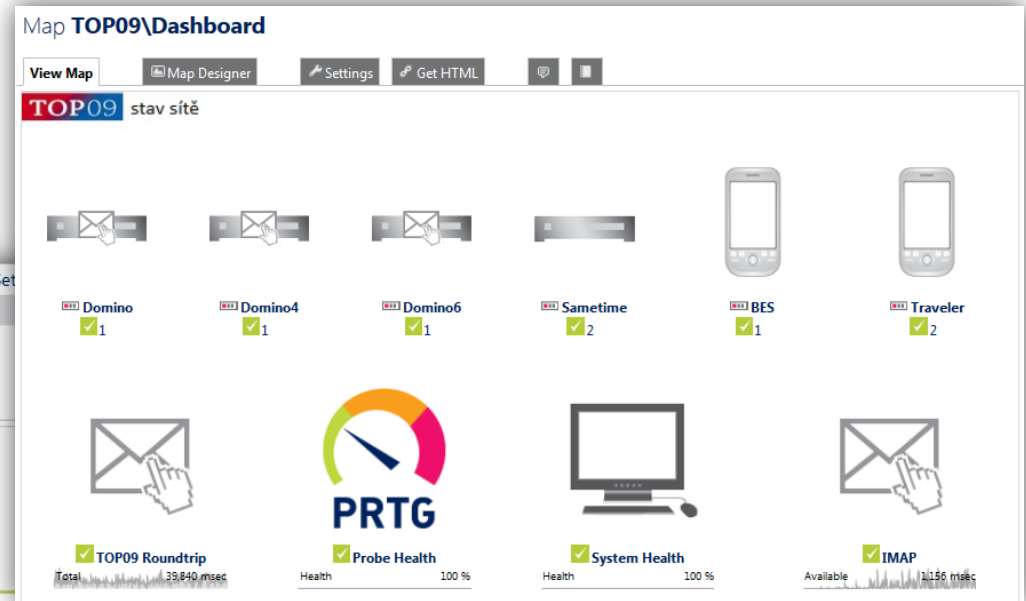
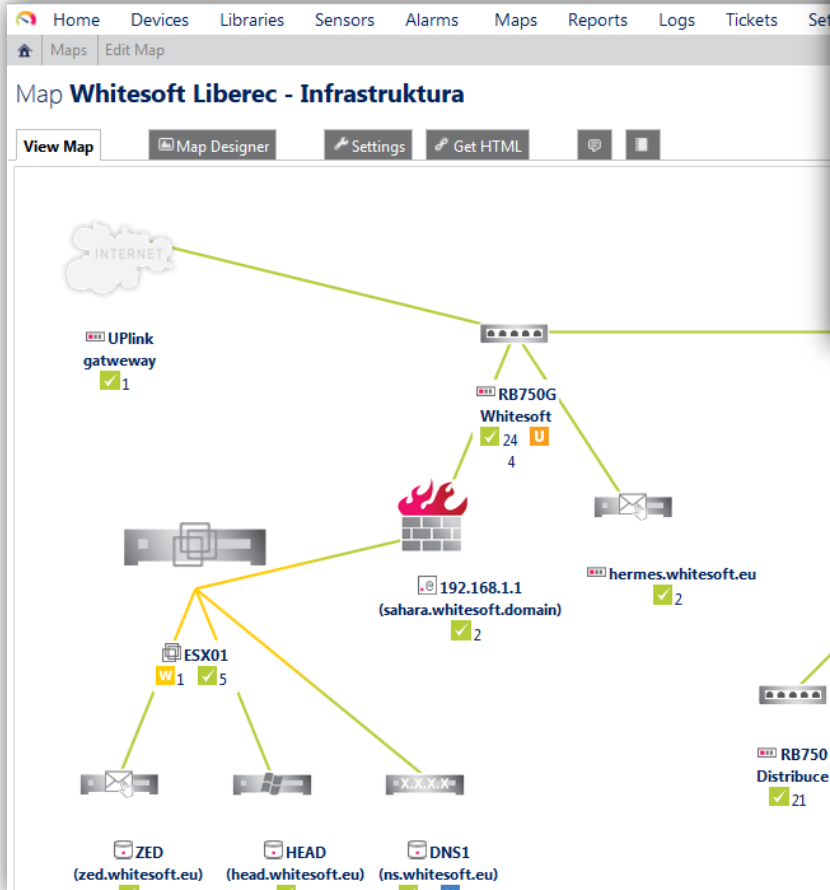
Type	Notifications	Inherited from
State Trigger	When sensor is Down for at least 1800 seconds perform whitesoft\' whitemon delay	
State Trigger	When condition continues for at least 21600 seconds perform Whitesoft\'Petr Bily - BlackBerry and repeat every 0 minutes	Lotus Team
State Trigger	When condition clears perform no notification	
State Trigger	When sensor is Down for at least 360 seconds perform Whitesoft\'LotusAdmins - Email	
State Trigger	When condition continues for at least 1800 seconds perform Whitesoft\'EscalationGroup - Email and repeat every 180 minutes	Lotus Team
State Trigger	When condition clears perform Whitesoft\'LotusAdmins - Email	
State Trigger	When sensor is Down for at least 300 seconds perform Whitesoft\'Jakub Kolin - Email	
State Trigger	When condition continues for at least 600 seconds perform Whitesoft\'Jakub Kolin - BlackBerry and repeat every 0 minutes	Lotus Team

OBJECT TRIGGERS

Type	Notifications	Actions
Threshold Trigger	When Skutečná_teplota (°C) channel is Below 35 for at least 60 seconds perform Whitesoft\'Martin Couf - Email	Edit Delete
	When condition clears perform Whitesoft\'Martin Couf - Email	

[Add State Trigger](#) [Add Threshold Trigger](#)

Mapy



Reporty

Home Devices Libraries Sensors Alarms Maps Reports Logs Tickets Setup

Reports Edit Report

Report PFC\Monthly report

Run Now Stored Reports Settings Select Sensors Manually Sensors Selected by Tag

RUN REPORT "PFC\MONTHLY REPORT"

Report for

- Current Period: This month (01.10.2014 - 31.10.2014)
- Previous Period: Last month (01.09.2014 - 30.09.2014)
- Select A Period
- Select Date Range Manually

Start Date: 30.09.2014

End Date: 07.10.2014

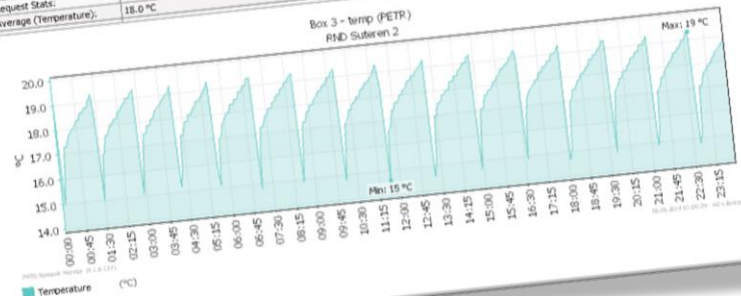
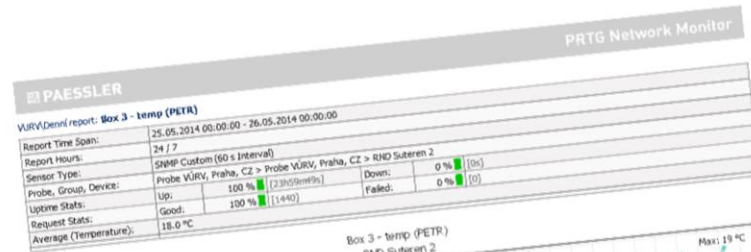
Quick Range

Today	Yesterday	Last Week (Mo-Su)	Last Week (Su-Sa)
Last Month	2 Months	6 Months	12 Months

PROCESSING OPTIONS

File Format and Delivery

- View Report as HTML
- Create and store PDF file (A ToDo ticket will be created when done)
- Create PDF file, store it and send by e-mail



PAESSLER

PFC\Monthly report: Odběrová místnost 1

Report Time Span: 01.09.2014 00:00:00 - 01.10.2014 00:00:00

Report Hours: 24 / 7

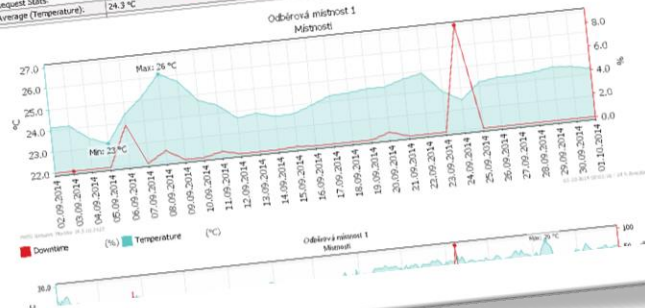
Sensor Type: Ext/Script (120 s Interval)

Probe, Group, Device: Probe PFC Vysocany > Mistrosti

Uptime Status: Up: 99.52 % (26153/26300) Down: 0.48 % (1247)

Request Status: Good: 99.343 % (26113/26300) Failed: 0.657 % (171)

Average (Temperature): 24.3 °C



Status	Time	Duration
Up	23.09.2014 20:17:18 - 01.10.2014 00:00:00	(~7 d 3 h)
Down	23.09.2014 18:08:00 - 23.09.2014 20:17:18	(~2 h 9 m)
Up	23.09.2014 01:45:14 - 23.09.2014 18:08:00	(~16 h 22 m)
Down	23.09.2014 01:43:56 - 23.09.2014 01:45:14	(~77 s)
Up	19.09.2014 09:31:09 - 23.09.2014 01:43:56	(~3 d 16 h 12 m)
Down	19.09.2014 09:31:51 - 19.09.2014 09:31:09	(~9 m 17 s)
Up	14.09.2014 10:46:24 - 19.09.2014 09:31:09	(~4 d 22 h 35 m)
Unknown	14.09.2014 08:17:21 - 14.09.2014 10:46:24	(~2 h 19 m)
Up	14.09.2014 06:35:21 - 14.09.2014 08:17:21	(~9 m 59 s)
Unknown	14.09.2014 06:31:21 - 14.09.2014 06:35:21	(~4 h 41 m)
Up	14.09.2014 06:15:21 - 14.09.2014 06:31:21	(~15 m 59 s)
Unknown	14.09.2014 06:07:21 - 14.09.2014 06:15:21	(~8 m)
Up	14.09.2014 05:45:21 - 14.09.2014 06:07:21	(~21 m 59 s)
Down	14.09.2014 03:22:03 - 14.09.2014 05:45:21	(~2 h 23 m)
Up	14.09.2014 03:20:45 - 14.09.2014 03:22:03	(~77 s)
Unknown	11.09.2014 02:19:06 - 14.09.2014 03:20:45	(~3 d 0 h 1 m)
Up	10.09.2014 10:13:45 - 11.09.2014 02:19:06	(~5 m 20 s)
Down	10.09.2014 14:53:07 - 10.09.2014 10:13:45	(~12 h 15 m)
Up	10.09.2014 14:32:25 - 10.09.2014 14:53:07	(~5 m 17 s)
Down	10.09.2014 14:31:07 - 10.09.2014 14:32:25	(~20 m 42 s)
Up	07.09.2014 08:20:21 - 10.09.2014 14:31:07	(~77 s)
Down	07.09.2014 08:07:03 - 07.09.2014 08:20:21	(~13 m 17 s)
Up	05.09.2014 16:38:55 - 07.09.2014 08:07:03	(~38 h 38 m)
Down	01.09.2014 00:51:56 - 05.09.2014 16:38:55	(~4 d 16 h 36 m)
Unknown	01.09.2014 00:00:00 - 01.09.2014 00:51:56	(~116 s)

Výzkumný ústav rostlinné výroby

- Experimenty s polními plodinami

Požadavky:

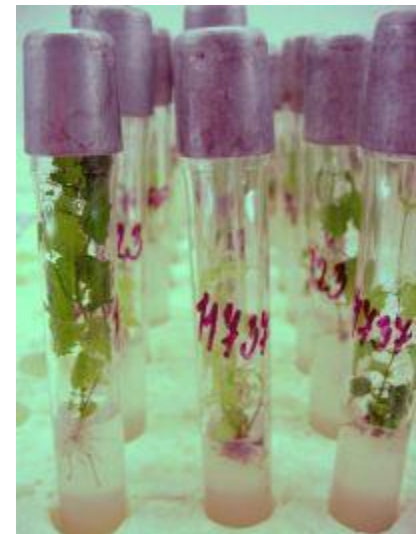
- Měření a záznam teplot a vlhkosti
- Výstupy - grafy, export dat

Stav:

- Obrovské předchozí investice
- Nespolehlivé řešení od několika dodavatelů

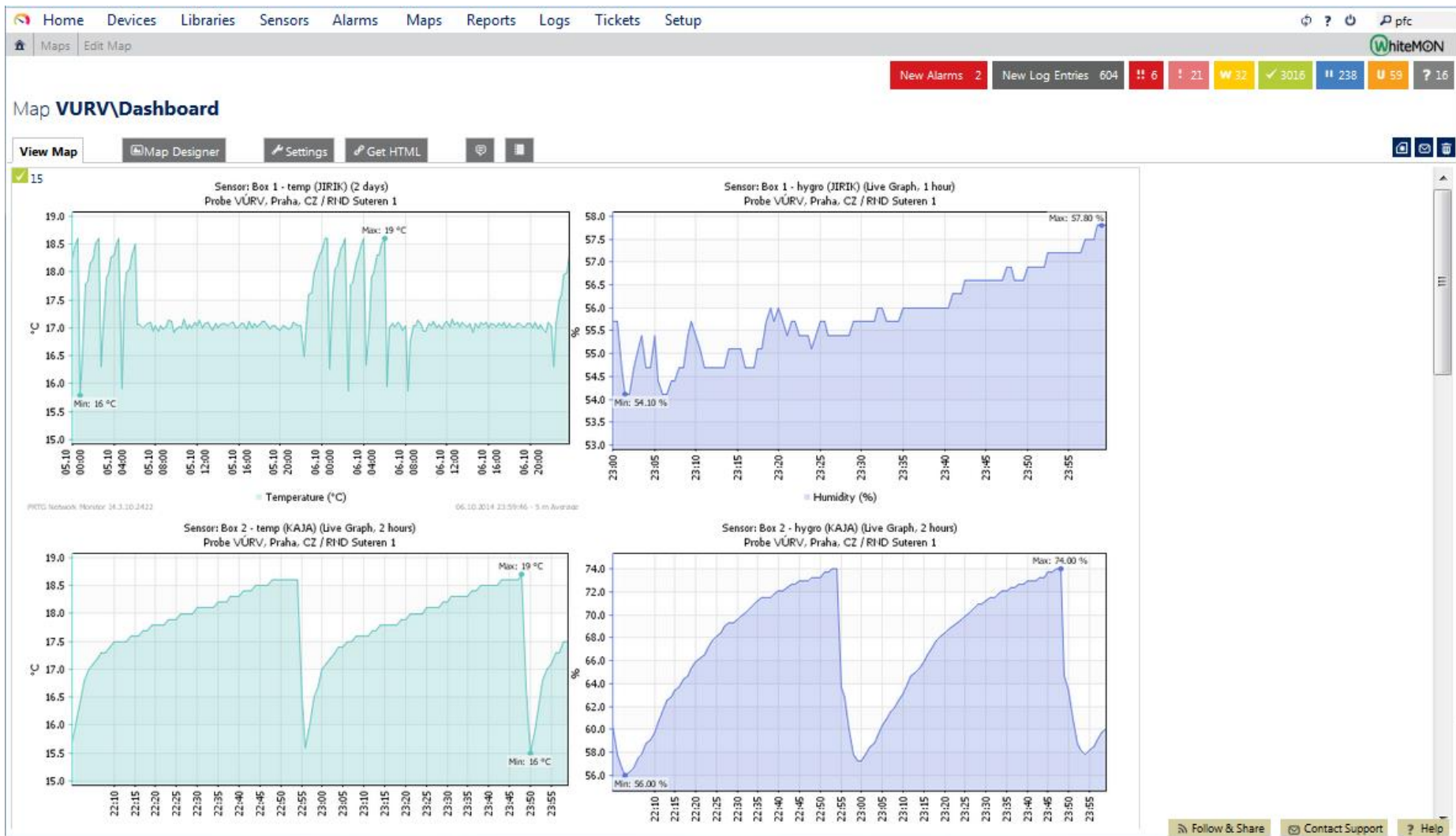
Řešení:

- Lokální PRTG próba
- IP teploměry + hygroměry
- PRTG v režimu SaaS (WhiteMON)
- Roční provoz ~ 400 EUR



Případ 1

Výzkumný ústav rostlinné výroby



Prague Fertility Center

- Centrum asistované reprodukce, Praha

Požadavky:

- Měření teplot, N_2 , CO_2
- Dlouhodobé ukládání historie
- Reporty pro SÚKL, mobilita

Stav:

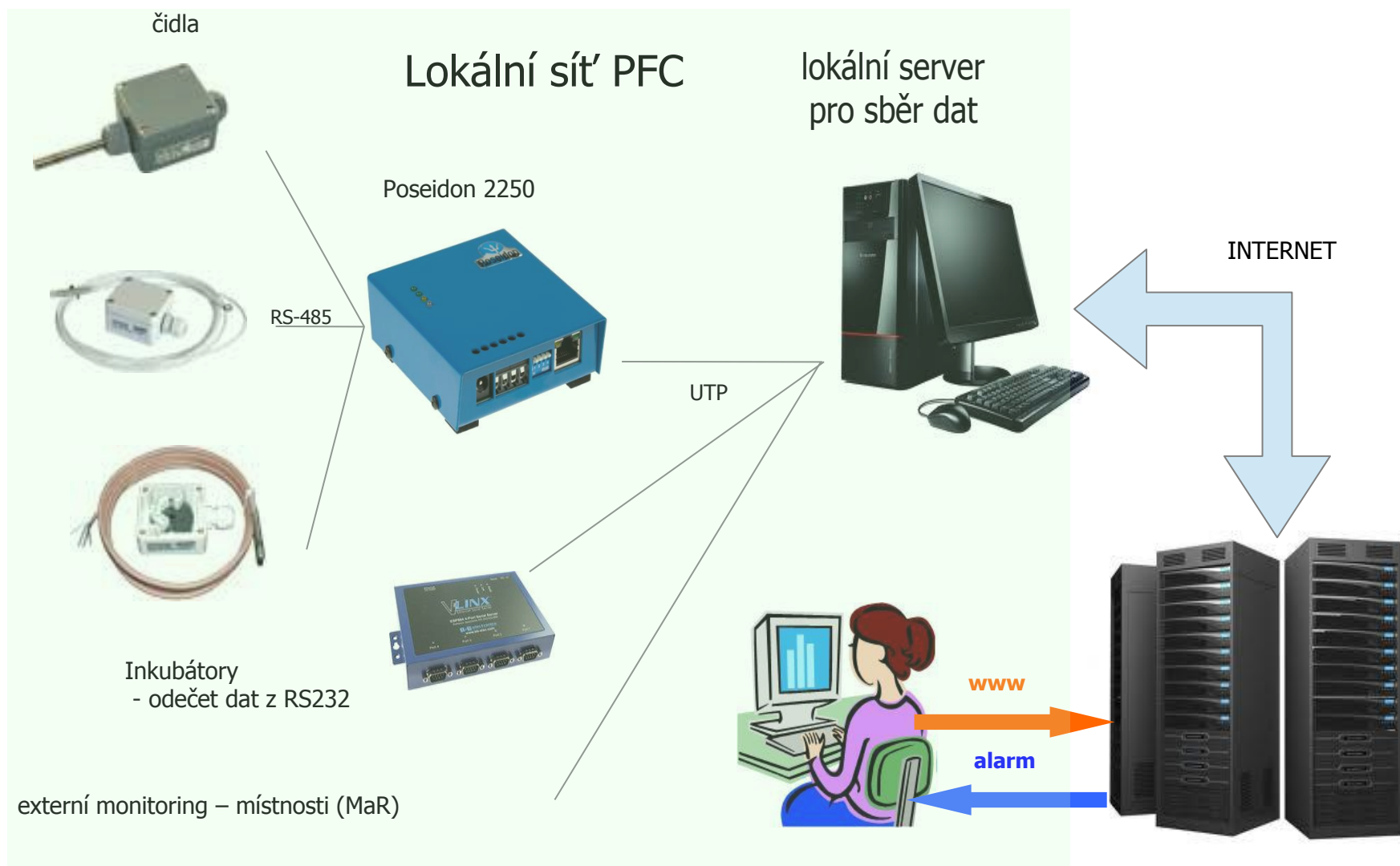
- Nabídky řešení od med.-lab. firem
- Vysoké pořiz. náklady vs. omezené funkce

Řešení:

- Lokální PRTG próba
- Integrace s MAR
- PRTG v režimu SaaS (WhiteMON)
- Úspora ~20.000 EUR



Prague Fertility Center



Případ 2

Prague Fertility Center



Případ 2

Prague Fertility Center

Home Devices Libraries Sensors Alarms Maps Reports Logs Tickets Setup

Devices Probe PFC Vysocany Inkubatory CO2 Inkubator3

New Alarms 3

New Log Entries 583

7 21 W 34 3013 238 U 59 16

Sensor CO2 inkubator3 ★★★★★

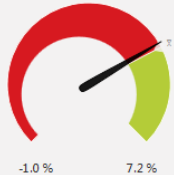
Overview Live Data 2 days 30 days 365 days Historic Data Log Settings Notifications

Last Message:

4.9 % (Value) is below the error limit of 5.0 %

Last Scan: 44 s Last Up: 164 s Last Down: 44 s Uptime: 99.5176% Downtime: 0.4824% Coverage: 99% Sensor Type: EXE/Script sensor Dependency: Parent Interval: every 120 seconds ID: #17190

Value



4.9 %

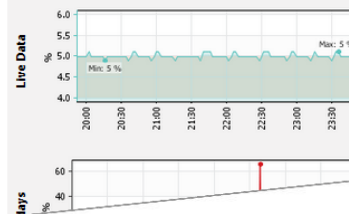
-1.0 %

7.2 %

Execution Time

1,138 msec

Live Data

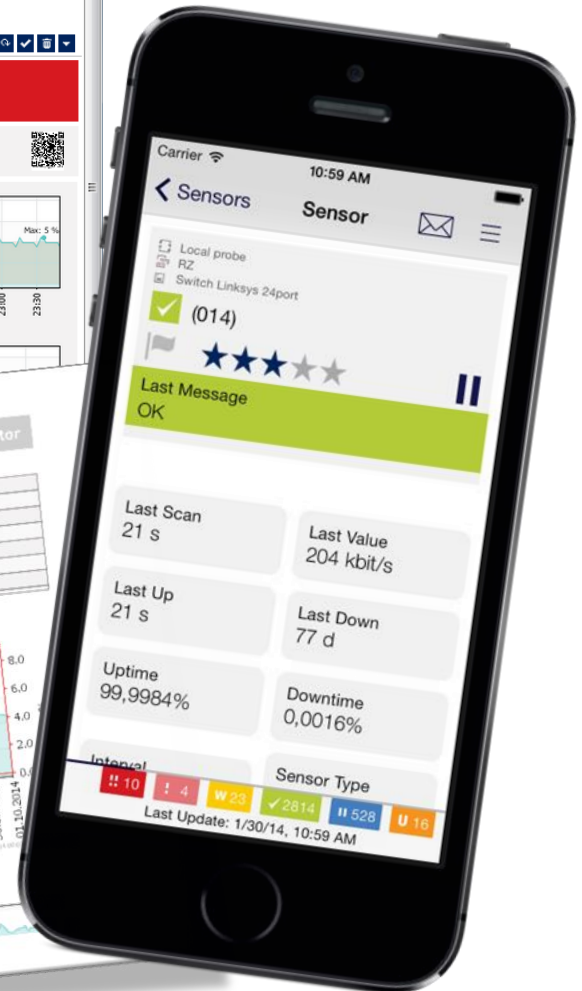
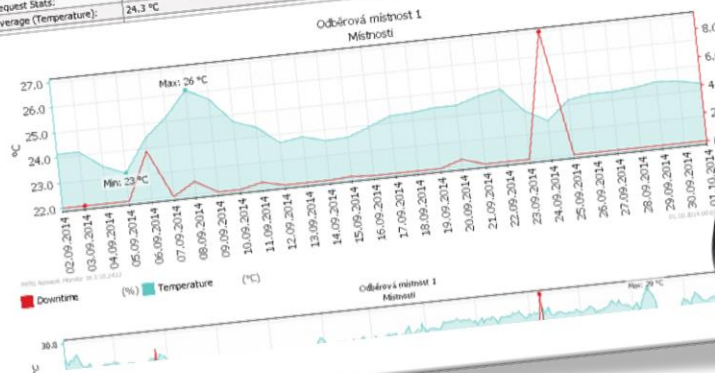


CHANNELS

Channel	ID	Last Value	Minimum
Downtime	-4		
Execution Time	1	1.138	
Value	0		

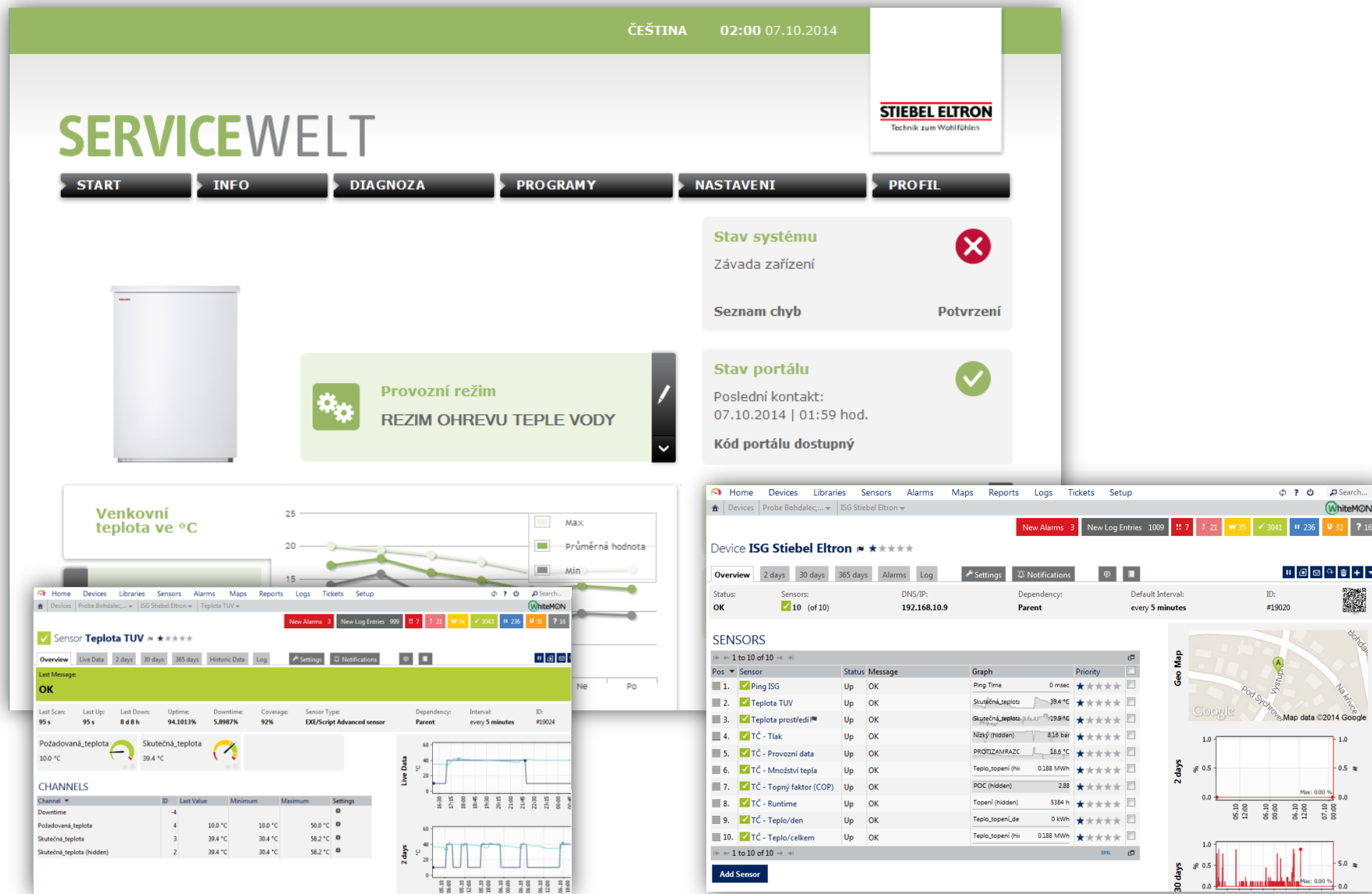
PAESSLER PRTG Network Monitor

PFC Monthly report: Oděrová místnost 1	
Report Time Span:	01.09.2014 00:00 - 01.10.2014 00:00
Report Hours:	24 / 7
Sensor Type:	EXE/Script (120 s Interval)
Probe, Group, Device:	Probe PFC Vysocany > Probe PFC Vysocany > Místnosti
Up:	99.52 % [29d13h36m]
Down:	0.48 % [142]
Uptime Stats:	Good: 99.343 % [211336]
Request Stats:	Failed: 0.657 % [142]
Average (Temperature):	24.3 °C



Případ 3

Soukromí – sledování TČ



Komerční řešení pro Vás

- dva obchodní modely:



nákup licence



služba Whitesoftu

www.whitesoft.cz/produkty/whitemon

Martin Couf

technický ředitel, Whitesoft, ČR

Tel. 777011290, couf@whitesoft.eu