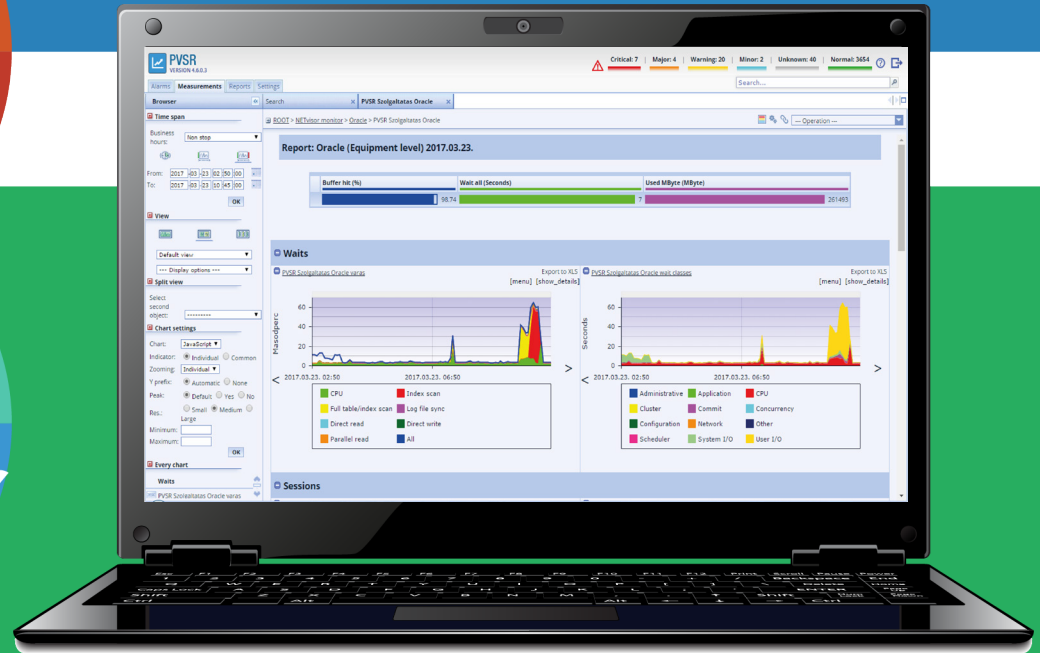


Unified monitoring of your IT services

PVSR

NETvisor



UNIFIED MONITORING OF YOUR IT SERVICES



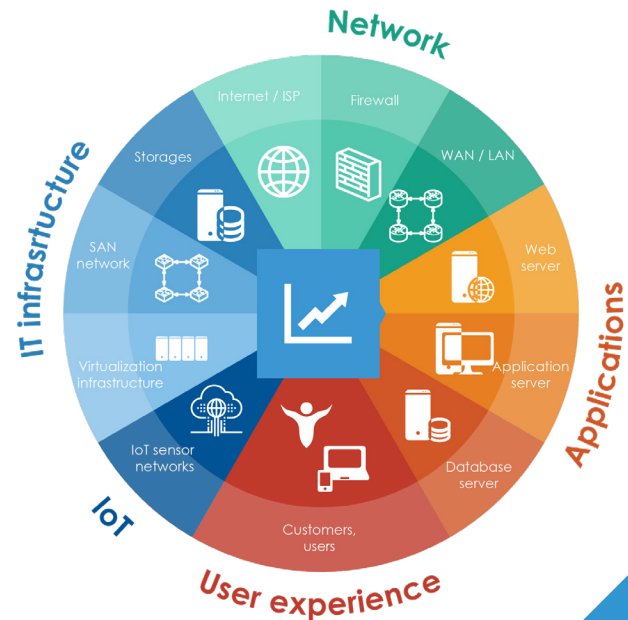
PVSR

FOR ICT SERVICE PROVIDERS OR RECIPIENTS OF SERVICES

PVSR is a unified platform for monitoring the service quality and performance of end-user experience, applications, IT infrastructures, networks and IoT sensors. It allows you to measure all of the parameters that contribute to the real end-user experience, and measure the accurate performance and availability of all the elements that make up your IT services: applications, databases, virtualized and physical infrastructure, storage, SAN network, LAN/WAN network: applications, databases, operating systems (Windows, Linux & *nix), virtualized layer (VMware & Hyper-V), physical infrastructure, storages, and SAN network and LAN/WAN network or the various IoT (Internet of Things) sensor networks.

The Challenge

IT's role is changing faster than expected and a major evolution is approaching: big data, mobility and the cloud bring new changes and challenges every day. IT organizations must eventually deal with these upcoming challenges. They are becoming internal service providers whose objectives are closely tied to business success. Their value is measured by the customer experience provided and by the level of capabilities provided, business objectives met and overall ability to respond to market changes and opportunities. In this new environment monitoring and reporting on the service quality and user experience of the internal, external and outsourced services is essential and mandatory. Instead of the existing diverse solutions that leave many blind spots, a comprehensive unified solution is needed, capable of monitoring and reporting on the customer experience and all layers and elements that make up these services.



What are the benefits of using PVSR?

GET COMPREHENSIVE, REAL-TIME CONTROL OVER THE PERFORMANCE OF YOUR IT SERVICES

Get rid of blind spots and get comprehensive, real-time control over the performance of your mission-critical applications and services, and how they impact user experience. With PVSR, you can monitor user experience and measure the exact performance and availability of components that make up IT services, whether they are network devices, servers, applications, Infrastructure components, IoT sensors, etc.

INSTANT BENEFITS FOR YOUR COMPANY:

- Comprehensive control for CIO, CEO.
- Objective reports for customers and/or businesses.



PROACTIVE PROBLEM SOLVING, ACCELERATED DIAGNOSTICS

Overcome diagnosis complexity and accelerate from a slow reactive approach to rapid proactive problem solving. PVSR not only continuously monitors the real end-user experience, and accurately measures the performance and availability all the elements that make up your IT services but also alerts you in the event of performance degradation before your customers start calling. Furthermore with the unique built-in diagnostics tools of PVSR you can speed up the diagnostics phase. Problems can often be solved before employees or customers even take notice about them!

INSTANT BENEFITS FOR YOUR COMPANY:

- Solve problems before they affect user productivity, close tickets faster, thereby yielding a lower TCO.
- Free up scarce experts.

REDUCE COST THROUGH IMPROVED RESOURCE UTILIZATION

Is it reasonable to spend money on buying new hardware or cloud services? With PVSR you can easily detect existing under-utilized resources or bottlenecks. With this information in your hand you will be able to optimize your applications and infrastructure to better utilize your available resources.

INSTANT BENEFITS FOR YOUR COMPANY:

- Optimize virtual infrastructure, storage and network load.
- Optimize cloud resources.
- To buy or not to buy? -> Save cost.

What are the benefits of using PVSR?

SINGLE PANE OF GLASS VIEW

Increase the efficiency and productivity of IT administration through the use of one consistent interface for monitoring the entire scope of IT. PVSR gives a comprehensive overview of your IT services and all the elements that they comprise. The unique built-in diagnostics tools allow you to drill down to detailed information that matches – and in some cases surpasses - the information that you could obtain from the management tools provided by each separate vendor, without launching them or logging into them one by one. The ability to see the information in a unified monitoring system rather than in separate tools makes it possible to immediately explore correlation among the various system elements.

INSTANT BENEFITS FOR YOUR COMPANY:

- Holistic view breaks the walls between the silos.
- Increased collaboration and agility through the use of a vendor agnostic tool.
- One tool means lower training and support costs which then yield a lower TCO.

PLAN YOUR RESOURCE CAPACITY AHEAD AND OPTIMIZE YOUR SPENDING

Purchasing and installing new hardware takes a long time, and to ensure that you get the best deal from your vendor, you need to plan ahead. PVSR can analyze the collected historical data in order to detect trends and to create capacity reports that show your resource needs for the future.

INSTANT BENEFITS FOR YOUR COMPANY:

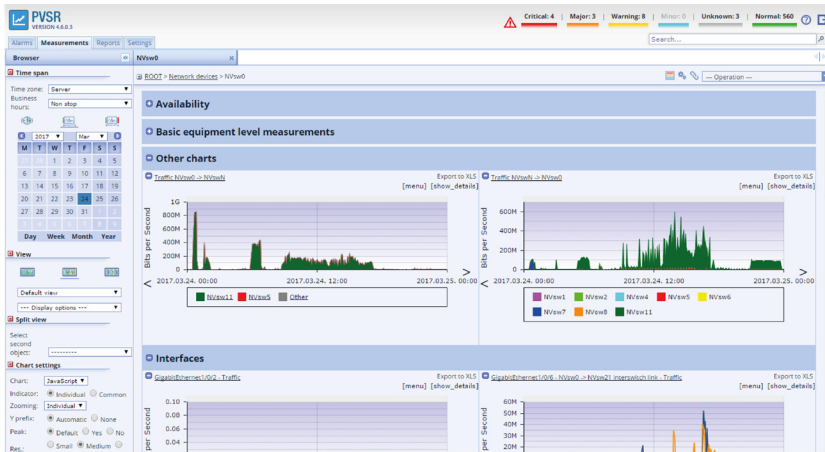
- Valid IT budget planning.
- Optimized purchasing & vendor management.



Unified performance monitoring the right way

MONITOR EVERYTHING

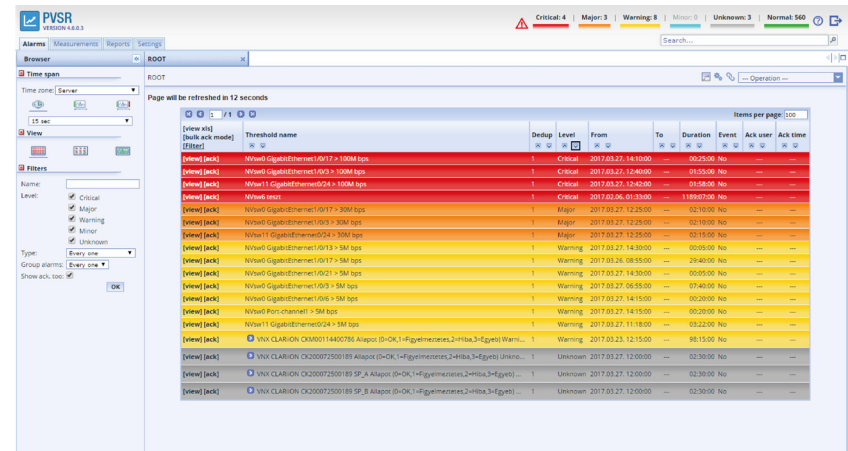
PVSR allows you to monitor all the elements that make up your IT services: applications, databases, virtualized and physical infrastructure, storage, SAN network, LAN/WAN network or IoT infrastructure. This extensive monitoring capability is coupled with broad vendor support that covers all major vendors.



PVSR measurements

PROACTIVE MONITORING

With PVSR, problems can often be solved before employees or customers even take notice about them. PVSR alerts IT operations staff in the event of measured performance degradation before business users start to call the help-desk. Furthermore, with the unique built-in diagnostics tools of PVSR the diagnosis phase of the troubleshooting process is much shorter.



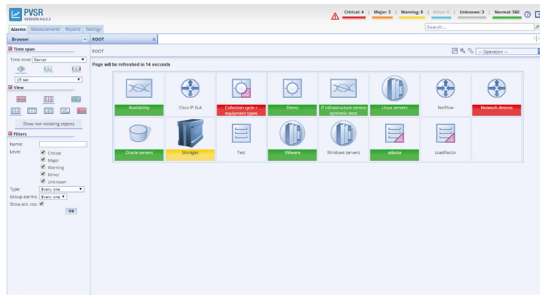
PVSR Alarms

UNIFIED MONITORING OF YOUR IT SERVICES

Unified performance monitoring the right way

SERVICE IMPACT ANALYSIS

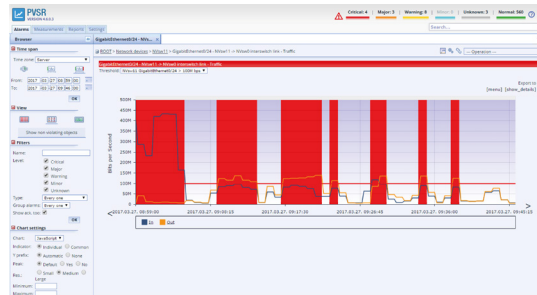
PVSR can correlate events with your services, so you immediately know which services are impacted. Or looking at your services overview, you can see which one is degraded by which problems.



PVSR dashboard

UNIQUE DIAGNOSTICS FEATURES

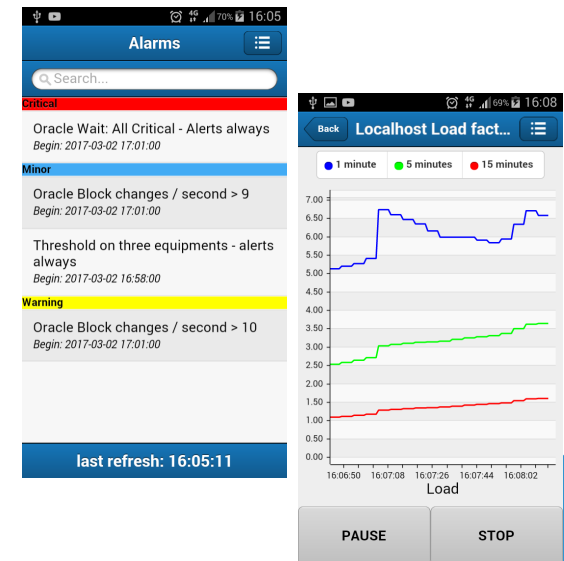
There's no need to login into diverse management tools or network devices, you can access all of the information needed for diagnosing the problem in PVSR. It speeds up troubleshooting, enhances collaboration and frees up experts from repetitive tasks. PVSR offers more than 70 different real-time diagnostics pages tailored to support troubleshooting or daily operations.



PVSR alarms

USE YOUR MOBILE PHONE FOR MANAGING ALARMS

Using your mobile phone you can view and acknowledge alarms, view graphs of the measurement values over the last couple of hours and can start data collection on these graphs in real-time (up to 1 second).



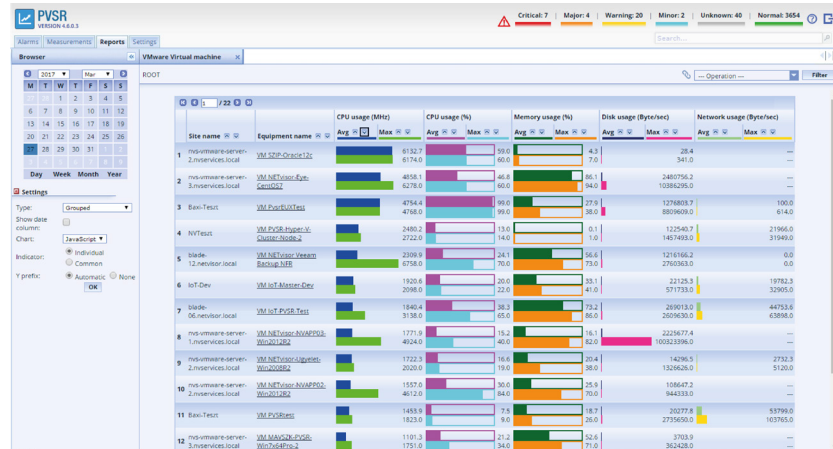
UNIFIED MONITORING OF YOUR IT SERVICES

Unified performance monitoring the right way

REPORTS FOR IT AND BUSINESS

PVSR gathers a vast amount of data about your systems and their operation. This data is only valuable for you if it is analyzed and visualized the right way. PVSR has a powerful reporting engine that can visualize the collected data for IT operations and for the Business as availability, capacity, OLA and SLA reports.

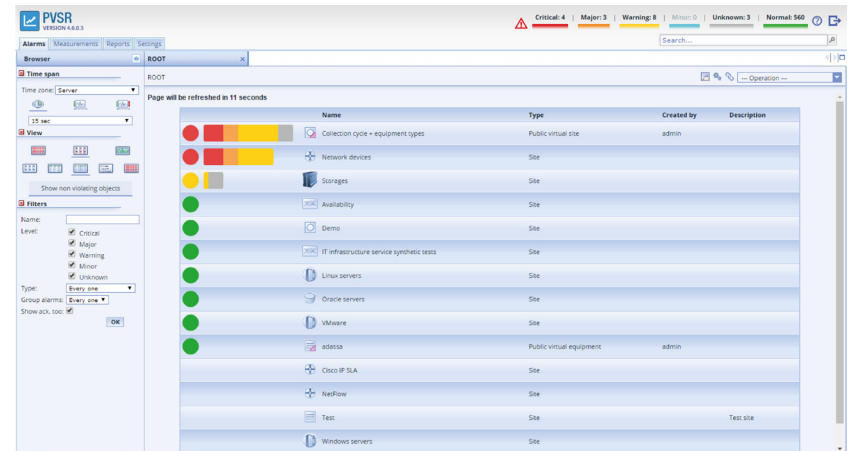
PVSR comes with preloaded technology-specific report packs that cover typical daily reporting tasks. Report definitions are editable and new reports can be created using a wizard on the web client.



PVSR report

ENTERPRISE READY ARCHITECTURE

PVSR has all the capabilities that allow it to be instantly deployed and integrated into your IT environment: fine-grained authorization system, Active Directory & LDAP support, agent-less monitoring, Web service northbound interface.



PVSR measurements

PVSR data collectors

OPERATING SYSTEMS

- Unix/Linux
- Windows (WSMan)

DATABASES

- Oracle
- MySQL
- Microsoft SQL
- PostgreSQL

END-USER EXPERIENCE

- Windows Application
- Thin client

APPLICATION

- Java (JMX)
- .NET
- MQTT
- REST

SYNTHETIC TRANSACTIONS

- ntp, dns, dhcp
- ldap, radius, tcp
- ssh, nagios command-ok
- http-ftp

VIRTUALIZATION

- VMware
- Hyper-V
- OracleVM

IoT

- CIP
- Modbus

STORAGE: EMC, IBM, HP EVA, ...

NETWORK INFRASTRUCTURE

- Netflow/IPFIX
- Cisco IP SLA
- Cisco QoS
- Cisco RPIING

SNMP

- interfaces
- arbitrarily scalable measurement range
- Alcatel TiMetra
- APC UPS
- BrocadeSwitch
- Cisco specific measurements
- Cisco ASA 5500
- F5
- HP Enterprise Switch
- IBM BladeCenter
- host mib
- Juniper IVE és NetScreen

OTHER

- EthernetOAM
- ASCII

UNIFIED MONITORING OF YOUR IT SERVICES

1

MEASURE & MONITOR

THE END-USER EXPERIENCE AND
THE ACCURATE PERFORMANCE AND
AVAILABILITY OF ALL THE ELEMENTS THAT
MAKE UP YOUR IT SERVICES.

2

DETECT & SOLVE

PROBLEMS BEFORE CUSTOMERS TAKE
NOTICE ABOUT THEM.

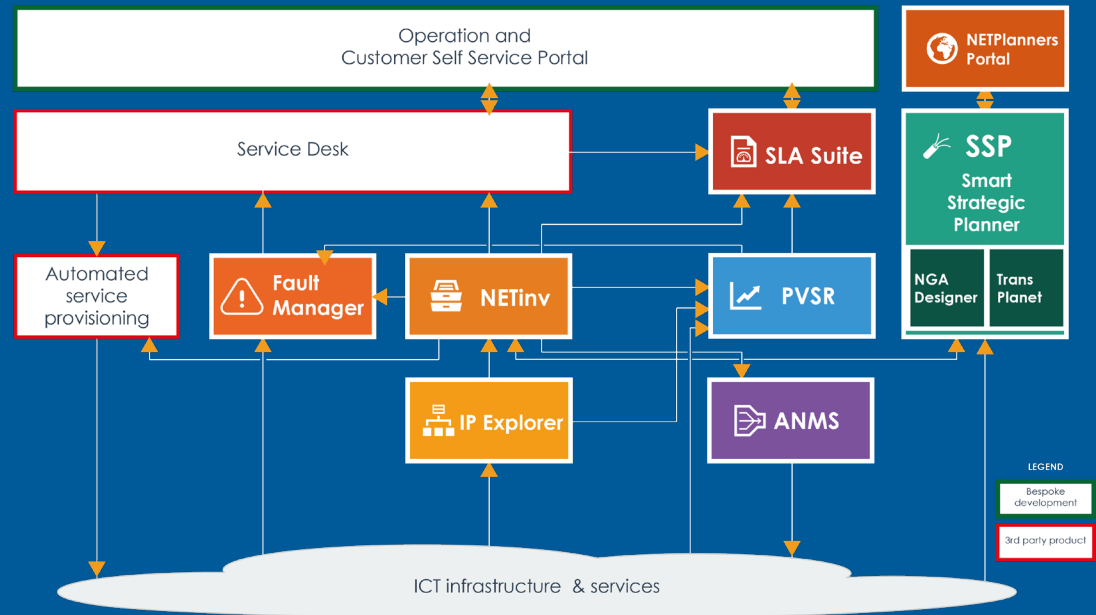
3

REPORT INSTANTLY

FOR IT AND BUSINESS WITH A SINGLE
CLICK.

PVSR

IN AN OPERATIONS SUPPORT SOLUTION





improving the quality & efficiency of ICT services

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