TELEMONITOR

TeleMONITOR ensures round-the-clock monitoring of TV, telecommunication, power distribution and climate control equipment, as well as the quality of TV services.

Monitoring of working status and quality of services

TeleMONITOR is designed to carry out round-the-clock monitoring of status of a wide range of TV, telecommunication, power distribution and climate control equipment, which is used to generate and provide TV services. The system allows implementing geographically distributed monitoring of both hardware system and quality of services rendered.

Scaling

TeleMONITOR is easily scaled from small rack mounted systems to large geographically distributed systems that monitor tens and hundreds of thousands of devices. The system may be scaled as your objectives and your network expand.

Support of wide range of interfaces

TeleMONITOR allows connecting the equipment with various interfaces and status data exchange protocols to a unified system of monitoring. The system supports both the most widely used SNMP protocol and special protocols, which are based on IP/Ethernet and other interfaces. If your protocol is not supported by the system, we will help develop its support upon your request.

Zabbix system

TeleMONITOR is based on Zabbix. Zabbix represents an enterprise-class monitoring platform based on SNMP protocol. Zabbix is released under the terms of GNU General Public License (GPL) and is open source. Zabbix offers great performance for data gathering from SNMP devices, as well as configurable GUI. Zabbix is used by various leaders of the global telecommunication industry.

Solution customization

Not all the devices support SNMP protocol. The equipment that you use may support both outdated and more modern status data exchange technologies. Therefore, we are offering adaptation layer software, as part of TeleMONITOR, to ensure the interaction of the whole set of your equipment within the unified monitoring system.

Professional implementation

TeleMONITOR is always supplied as a complete and integrated solution. Comprehensive Terms of Reference are prepared as part of the scope of work. Installation, customization and training of the Client's employees are carried out in accordance with these ToR.

Low setup price

Zabbix software is released under the GNU GPL license and comes at no cost. Adaptation layer software is paid only if such software is required. Therefore, you pay only for the services related to customization and system setup, in contrast with the majority of commercial systems.

Low operating costs

TeleMONITOR is an open system with an advanced operating documentation. Users may individually develop features of the system when necessary. These services may also be ordered from our company.

Professional technical support during the operation of the system

Deep customization of the system in accordance with the requirements of the Client

SYSTEM FUNCTIONALITY

Number of devices in the system:	
From:	1 device
Up:	100,000+ devices
Geographically distributed monitoring	Multi-level data collection; Proxy-servers supported
Auto discovery of devices	Supported
Users Interface	Web based technology (HTTP, JavaScript, CSS, etc.); Web-browser access
Monitoring interfaces	IP/Ethernet; RS-422, RS-485, RS-232
Monitoring protocols	SNMPv1 (RFC 1065, 1066, 1067, 1155, 1213, 1157); SNMPv2 (RFC 1441–1452, 1901-1908, 1909-1910); SNMPv3; IPMI; XML; HTML/JSON; ModBus; **Private protocols:** by request
Problem Detection	Flexible threshold definitions; Referencing one or multiple items or hosts; Time shift; Hysteresis; Different severity levels; Event prediction
Problems escalation	Immediate notification; Pro-active monitoring (user defined); Local and remote activities with time-shifting; Different escalation path
Message notification	E-mail; SMS; SNMP Trap
Command execution by problem	User-defined script
Problem (correlation) dependencies	Supported
Device monitoring	Active agent base monitoring; Agentless monitoring
Reports	Pre-defined reports; SLA parameters calculation; **Customer specific:** by request
Users authentication	Users Types; User permissions; Multiple authentication methods
Users activity logging	Supported
External devices control	User defined scripts
Devices inventory	Built-In
Umbrella monitoring systems integration	Supported
Third-party systems integration	By request

GRAPHICAL USERS INTERFACE (GUI)

Graphical maps	Supported
Dashboards	Supported
Composite screen	Supported
Screen enclosure	Unlimited
Graphs	Pre-defined, user defined
Audio/Visual notification	Pop-Up windows; Color notification (user defined); Audio notification
Clocks	Supported
Slide Show	User defined
External data displaying	External URL

ZABBIX

Zabbix is trademark of Zabbix, LLC.
You can find additional information about
Zabbix by URL: http://www.zabix.com