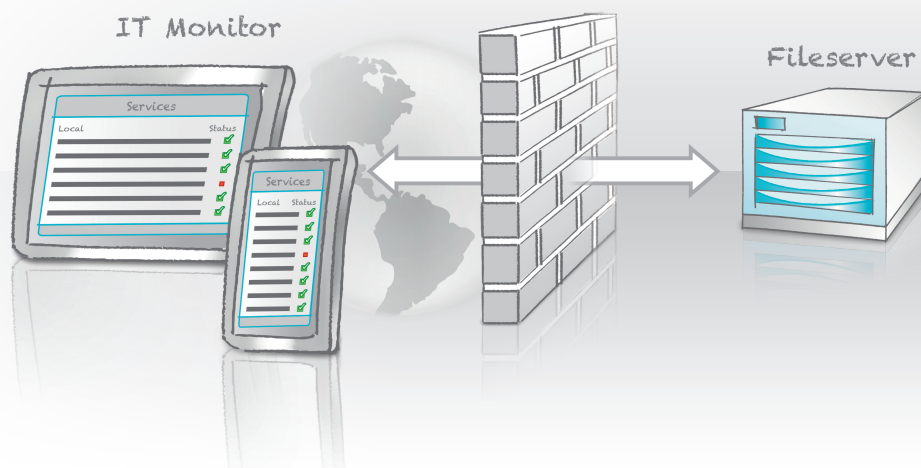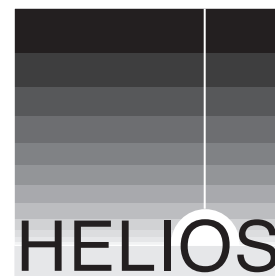**MS** Generation 8 Server Solutions

IT Monitor Server G8

Server Monitoring and Notifications via iPhone

HELIOS

HELIOS IT Monitor Server G8 allows IT infrastructure monitoring with push notification to admins upon server overload or service failure. Preventing IT failures saves time and money – a must for every mission-critical environment.

Pro-active Notification. Constant monitoring of servers and services allows detecting impending problems early. It does not matter if it is an overload problem, a failing service or a critical system message – admins are immediately notified by iPhone push notification and e-mail. The pro-active notification allows fixing problems in advance before serious trouble develops.

Monitoring Server Workload allows inspecting utilization in a graphical chart on the iPhone, similar to stock chart graphs, with views for now, today, this week, etc. Important aspects like CPU, network, and memory utilization can be viewed to identify bottlenecks or just to confirm that everything is fine.

Monitoring Services cover all major protocols on the server including remote services. For example, is the printer running, is the database up? Basically the entire IT infrastructure can be monitored to report failing services immediately to admins. All server system messages, or alarm messages only, can be browsed and searched on the iPhone.

The iPhone offers more ease of use than any other mobile platform, and is used by the IT Monitor app to receive notifications from one or more servers. The iPhone is used to observe the status of services, browse messages, use graphical performance charts, and to manage settings. iPad and iPod touch are also supported as clients.

All major server operating systems are supported.

Features & Benefits

Ease of Use
- Easy to install, administer, use

iPhone App Features
- Push notification on alarms
- Server load utilization charts
- Service availability overview
- System messages browsing
- Server Actions (via HTML CGI scripts)
- Multiple iPhone admins per server

Server Features
- Automatic notification upon service failure or server overload via e-mail and iPhone push notification
- Constant monitoring of CPU, net, memory, paging, and disk utilization
- Server service monitoring of AFP, SMB, LPR, FTP, PING, SMTP, IMAP, HTTP, POP3, LDAP, DNS, MS SQL, MySQL for local and remote services. Custom services can be added
- System log message monitoring and filtering for "ALARM" conditions
- iPhone intranet/internet proxy

Flexibility
- License is tied to a specific machine
- All major server platforms
- Included in Universal File Server G8

Smart Ideas for Better Networking.
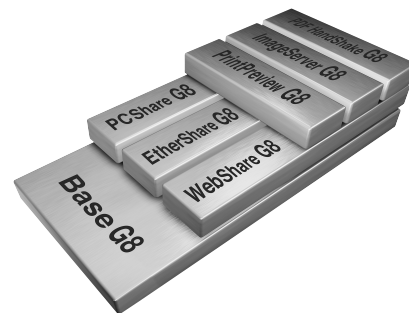
System Requirements

Monitor Server
- One of the following server systems: Linux, Solaris, Windows, macOS Details: www.helios.de/platforms
- 16 MB RAM; 4 MB per active client
- At least one network adapter

iOS Client
- iPhone (iOS 10.3 or higher)
- Internet connection for notifications required

E-Mail
- Any e-mail client

Product Highlights

IT Monitor Server Installation
- Fast, menu-driven installation, easy installation for system administrators

Client Installation on iPhone
- IT Monitor app in the Apple Store
- Server user name and password are required for setup

Server Administration
- Remote Monitor Server administration from iPhone
- "Monitor administrator" groups

Security Options
- iPhone authentication is RSA crypted
- TCP/IP access lists
- Monitor Server proxy Allows Internet iPhone users to access the Intranet server

Anytime/Anywhere
24/7 server monitoring via iPhone/iPad WiFi or 3G connections. View perform- ance charts, service availability status, alarm messages, and system messages.

Alarm Alerts
Push notifications immediately alert iPhone admins on alarms, e.g. upon service failure, server overload or alarm messages. Additional alert notification can be sent to other users by e-mail.

Monitor Workload/Performance
Charts show current and peak server network throughput, CPU utilization, memory paging, jobs, and users. A server monitoring history is maintained, to view as timeline charts for Now, Day, Week, Month, Quarter, and Year.

Monitor Availability of Services
IT Monitor Server reports the status of services running on the server and within the network. Each service is represented by a name, a verification interval and optionally by a remote host name and access credentials. A quick glance at the iPhone shows the status of each service.

Managing System Messages
All system messages can be browsed, with filtering and sorting options to show just those items of interest. Messages can be marked (Delete/Accept/Resolved) with user/timestamp to hide processed messages for other iPhone admins.

Custom Server Actions
IT Monitor Server supports adding cus- tom functionality via CGI Web pages which will be processed on the server and displayed on the iPhone client. The CGI API is Apache compatible for easy development in any language. Included sample Perl-based CGI scripts:
- Active users listing (users, uptime)
- Server process listing (similar to „top")

HELIOS Base Benefits
IT Monitor Server uses HELIOS Base, which provides these core HELIOS tech- nologies: Server fail safety, Unicode support, networking, and more.

API/Scripts for Customization
Custom service monitoring protocols can be added by developing a script. This script will be called periodically to check the service availability. Many sample scripts are included. Custom filter scripts for system mes- sages allows ignoring messages or turn- ing messages into server alarms.

Flexible Licensing Scheme
The server license is tied to a specific machine. IT Monitor Server G8 is included in the HELIOS Universal File Server G8 license.

Optional maintenance agreements are available: Software Upgrade Service Agreement and cold spare licenses.

More details on the HELIOS website: www.helios.de/web/EN/products/start.html

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Internet: www.helios.de

Your HELIOS partner:

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