

Aktualisiert: 05.02.2025

**Legend:**

- + Added feature
  - \* Improved/changed feature
  - Bug fixed
  - ! Known issue / missing feature
- 

**Version 9.4.5 Patch 2 - January 31st, 2025**

**General Improvements**

- \* The OVF size has been increased from 8 GB to 32 GB, supporting more robust deployments.

**Security Enhancements**

- \* Enhanced security when communicating with all DDNS providers.
- \* Upgraded curl to version 8.11 for improved performance and reliability.

**GFI AppManager Updates**

- Fixed an issue where guests were incorrectly reported in GFI AppManager as licensed devices.
  - \* Added the option to locally disable GFI Agent functionality
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**Version 9.4.5 Patch 1 - December 19th, 2024**

**New**

- + Added support for joining Active Directory controllers using encrypted connection. This allows Kerio Control to join domains hosted on Microsoft Windows Server 2025.
- + Added support for creating GeolIP presets in IP address groups in the local user interface without going through GFI AppManager.

**Fixed**

- Fixed an issue where an incorrect SSL certificate was being served to VPN users.
- Fixed an issue where GFI AppManager registration would time out frequently.
- Fixed an issue where the "persistent connection" VPN option did not work correctly on MacOS.
- Fixed an issue where upgrading and downgrading Kerio Control over GFI AppManager did not work correctly.

**Security Enhancements**

- \* Kerio Control 9.4.5p1 has been hardened against XSS exploits. Users on older versions are advised to upgrade to this release.
  - \* Resolved vulnerability CVE-2024-52875
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**Version 9.4.5 - October 17th, 2024**

**Improved**

- \* Added support for more Wi-Fi adapters (rtl88x2bu).
- \* Improved network performance when the GRO option is enabled in certain scenarios.
- \* Enhanced GFI AppManager integration. The Control GUI now displays more information about AppManager connections and allows user control over the Agent service.
- \* Application awareness updates now correctly categorize AI & ML traffic.
- \* Added support for creating IP address groups based on GeolIPs, enabling customized traffic management based on country.
- \* Added support for custom DNS servers for IKEv2 VPNs.
- \* Added support (via GFI AppManager) to import CSV files with IP addresses

**Fixed**

- Restoring configuration from a backup would break AppManager connectivity forcing re-registration.
- Disconnected devices on IKEv2 VPNs were counted as being active incorrectly.
- Remote hosts over VPN were incorrectly counted against the local license limit incorrectly.
- The Linux VPN client failed to start connections correctly due to a MAC address conflict.
- Traffic rules on interfaces with complex names (e.g., including quotation marks) failed to apply.

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- Clients on a guest network were not authenticated properly.
  - The reverse proxy incorrectly attempted TLSv1 connections even when configured not to.
  - Traffic routes were not correctly switched when using multiple internet links, causing extended packet loss after switching to a backup.
  - Forbidden words failed to trigger a block correctly when using the "Safe Web" feature in some rare cases.
  - Generated daily reports had an incorrect date when the configured time zone had a negative offset.
  - Switching from a backup link to primary in failover mode could cause the appliance to hang indefinitely.
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**Version 9.4.4 Patch 1 - April 18th, 2024**

- Resolves an issue with HTTPS connections on port 443 in certain setups, particularly over VPNs or between different subnets
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**Version 9.4.4 - February 22nd, 2024**

- + IKEv2 support
  - \* Significant overall performance improvements
  - \* More accurate AppManager connectivity display
  - \* Appliances removed from AppManager stop processing AppManager-related data
  - NG511 appliance performance degradation in HA mode
  - Discrepancy between Interface Window and VPN Clients Window for users connected via VPN
  - IPSec Tunnels are no longer disconnected when the configuration is updated
  - SNMP is functional
  - 2FA verification message incorrectly showing default "30 days" expiration value
  - Custom logo not displayed on the login page
  - Corrected Mexico local time
  - Multiple memory leaks fixed
  - No checksum errors recorded on winroute.cfg after performing IPS or KerioControl updates
  - Errors encountered on some websites during categorization
  - CIDR address formats within the shared definitions are properly handled when synchronized via AppManager
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**Version 9.4.3 Patch 4 - January 30th, 2024**

- KerioControl detecting the same build as new one when checking for new updates
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**Version 9.4.3 Patch 3 - January 25th, 2024**

- \* Updated GFI Agent for better AppManager performance and stability
  - Shared definitions - IP Address groups are not synchronized to GFI KerioControl appliances
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**Version 9.4.3 Patch 2 - December 13th, 2023**

- Added new GRO configuration options to the advanced configuration page of network interfaces
- \* UEFI Bios support can be activated through the UI
- \* New installations can choose to install the product with UEFI BIOS mode support on the install screen
- The advanced configuration page of network interfaces is displayed properly

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- The appliance not rebooting properly on the second reboot after UEFI BIOS support was activated
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**Version 9.4.3 Patch 1 - October 26th, 2023**

- Upgrade failing to 9.4.3 version
  - Appliance not booting after shutdown
  - Fixed SNORT problem with periodically consuming a high amount of CPU
  - Product UI shows an incorrect AppManager status
  - MyKerio is no longer enabled automatically
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**Version 9.4.3 - October 9th, 2023**

- + GFI AppManager support
  - + UEFI Support
  - + VPN Client for MacOS supports modern MacOS versions using Network-extensions
  - + VPN Client for MacOS is now supported on Intel, M1 and M2 silicon
  - Checksum error messages
  - Default IKE protocol versions for IPSec VPN tunnel changed from IKEv1 to IKE
  - OS information found under Web Admin > Status > VPN Clients is not accurate
  - Slow loading of some websites on 9.4.2 patch 1 with QUIC
  - WiFi not working on NG100W and NG300W boxes in some cases after the upgrade to 9.4.2p1
  - 9.4.2p1 RADIUS authentication doesn't allow selecting a certificate and provides an 'ubuntu' cert instead
  - NG510/NG511 device display is blank after upgrade to 9.4.2p1
  - After 9.4.2 upgrade, Hyper-V Appliance showing interface details as "Legacy Network Adapter"
  - Time mismatch for UTC+13 TimeZone
  - Wrong Czech translations of some pages
  - Fix for Brazilian Time Zone (UTC -03:00 Brasilia) due to incorrect DST recognition
  - DoS Attack Vulnerability generated by Protocol renegotiation on ports 4081 and 4090 (VPN)
  - Fixes for potential memory leaks
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**Version 9.4.2 patch 1 - October 17th, 2022**

- The virtual network adapters become unavailable (on VMware deployments only)
  - Missing VMware images
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**Version 9.4.2 - October 11th, 2022**

- + Kernel upgrade
  - + 2FA token expiration configuration for VPN
  - + HTTP/S redirection in reverse proxy
  - Issues with Mac upload speed degradation
  - Updated IPSec VPN
  - Updated IPsec SNAT
  - WiFi authentication errors with Radius
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**Version 9.3.6 patch 1 - May 31st, 2021**

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- M1 MAC VPN client support
  - Interface mapping of NG511 Fixed
  - macOS VPN client updated to fix a script that was preventing installation on Big Sur
  - Update Windows VPN Client to make it compatible with Windows 20H2
  - New configuration ""L2TPUpScriptWaitSeconds"" and ""L2TPUpScriptConnectTryCount"" introduced to recover stuck L2TP connections
  - New configuration ""DisableUniqueIDs"" introduced to prevent IPSec VPN disconnects
  - New traffic patterns added to properly block Teamviewer connections
  - Introduce new configuration ""InternetLinkAutoGatewayInterfaceList"" to stop probing interfaces which doesn't have a gateway
  - Fix HA interface name validation failure happens when one of HA machine has legacy interface names
  - OpenSSL library is upgraded from 1.0.2j to 1.1.1d
  - HSTS (Strict-Transport-Security) Header added
  - Upgrade and Factory-reset scripts are failing because of signature image issue
  - Links on the IP Blacklist screen were either wrong or timing out. Now all links corrected
  - Info message displayed after distrusting a certificate updated for VPN connections
  - Fix crash in HA Slave machine happens when slave account host activity
  - TLS triple handshake vulnerability fixed by updating /etc/sshd\_config configuration file
  - Using Active Directory authentication (only). It causes authentication with Active Directory to fail making AD user connections not possible.
  - HSTS causes 2FA fail on Kerio VPN
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**Version 9.3.5 - August 27th, 2020**

- The custom logo does not appear on login or deny pages
  - Wrong Country code for Serbia
  - Active Connections - Destination Country missing table information
  - Active Connections - Source Country missing table information
  - Content filter rules not blocking Teamviewer
  - Page refresh/close display an error dialog on Google Chrome
  - Unable to complete PPPoE discovery (NBN connection)
  - VPN Driver does not install on Windows 10 Update 2004
  - Kerio Control Slave unit fails to dial PPPoE
  - Localization string "Alert-HA" not found in any language
  - Statistics report errors in HA-Slave control
  - Unable to differentiate email report if from Master or Slave
  - Fixes for NG110, NG310, NG510/511 compatibility issues
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**Version 9.3.4 - February 13th, 2020**

- + Support for a wide range of USB WIFI Adapters - Drivers:  
rt1818x\_pci.ko, rt18187.ko, btcoexist.ko, rt18188ee.ko, rt18192c-common.ko, rt18192ce.ko, rt18192cu.ko, rt18192de.ko, rt18192se.ko, rt18723be.ko, rt18723-common.ko, rt18821ae.ko, rtl\_pci.ko, rtl\_usb.ko, rtlwifi.ko, rt2400pci.ko, rt2500pci.ko, rt2500usb.ko, rt2800lib.ko, rt2800mmio.ko, rt2800pci.ko, rt2800usb.ko, rt2x00lib.ko, rt2x00mmio.ko, rt2x00pci.ko, rt2x00usb.ko, rt61pci.ko, rt73usb.ko
  - Last few entries of Active Connections list not displayed correctly in Firefox
  - Active connections table do not show the column entries when the order is changed
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**Version 9.3.3 - December 27th, 2019**

- + HyperScan engine in SNORT for increased performance

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- + VPN Tunnel supports SHA2 in Phase2
  - Cannot add multiple VPNs into traffic rules
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**Version 9.3.2 - November 21st, 2019**

- + VPN Client Support for macOS Catalina
  - + VPN Client compatibility with Microsoft Windows 10 (1903)
  - PPPoE Interface not saved on Edit
  - SACK Vulnerability patches to Kernel
  - Problem with port forwarding by source IP with DHCP
  - ScreenConnect application keeps disconnecting
  - DHCP allocated incorrect number shown on UI
  - "Single Internet Link" forwards all traffic to a dead-end if 1 WAN link present
  - Web filter not blocking streaming websites
  - Microsoft Discovery Service not finding devices over VPN
  - Source NAT preselects first entry in list repeatedly
  - User not able to configure tcp\_min\_snd\_mss
  - HA - Active Slave does not apply MAC filter rules properly
  - HA - Sync not working correctly due to incorrect archive filesize
  - VPN Client not opening browser when 2FA configured (Linux)
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**Version 9.3.1 - September 17th, 2019**

- HA Disconnect Kerio VPN on passive slave
  - HA VLANs removed on sync from Master to Slave
  - HA Bandwidth management link speed is not persistent on slave
  - HA Fails to Start
  - HA Several improvement and network compatibility fixes
  - Some Web pages are not blocked and can be accessed via Bing search
  - 3rd party IPsec VPN tunnel not being established due to unknown crypto suites
  - Update to driver for PCI Network Card Intel X710-T4
  - IPsec VPN tunnel failed to reconnect after an interruption on the remote side since 9.3.0
  - Kerio Interfaces staying "no connectivity" even when there is a connection
  - An unauthorized user can access the internet with the help of authorized users
  - Malicious URL to Kerio Control login page can be used to inject code in session
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**Version 9.3.0 - April 9th, 2019**

- \* High Availability - Active/Passive - Enable a secondary (Slave) identical Kerio Control to take over when the primary (Master) device is offline
  - \* IKEv2 Support (enable via console)
  - Fixed: Primary IP for WAN interface changes after reboot
  - Fixed: Last few entries of DHCP reservation list not displayed correctly in Firefox
  - Fixed: Address group still visible after being deleted
  - Fixed: IPSEC Tunnel drops in certain circumstances
  - Fixed: Configuration restore wizard IP addresses not populating
  - Fixed: Teamviewer application not blocked by Content Filter
  - Fixed: SafeSearch blocks Yandex
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**Version 9.2.9 - January 31st, 2019**

- \* Swap support

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- Fixed: Kerio VPN - Disabled insecure and vulnerable protocol Blowfish
  - Fixed: Optimized Snort priority for improved traffic bandwidth
  - Fixed: Changed affinity for snort process for improved traffic bandwidth
  - Fixed: HW NG500 crash
  - Older Kerio VPN Clients are not able to connect using this build. To allow please follow the following steps.
  - Open ssh connection or from console
  - Go to /opt/kerio/winroute folder
  - Run ./tinydbclient "Update VPN set AllowBlowfishCipher=1"
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**Version 9.2.8 - November 27th, 2018**

- \* Limit Bandwidth Per Host
  - \* Optimize Application Awareness memory footprint
  - \* Reconfigure Kerio AV to optimize memory usage
  - \* Kerio VPN new encryption protocol AES
  - \* Kerio VPN Client supports the new protocol
  - \* Force hostname for VPN clients
  - Fixed: Accessing User and Groups crashes WebAdmin on IE11
  - Fixed: User Statistics not getting updated
  - Fixed: Installation of VPN Client fails on Ubuntu 18.04 LTS 64-bit Desktop version
  - Fixed: No traffic over VPN after enabling 2FA on iPhone running iOS 11.4.1
  - Fixed: Kerio VPN 2-Step Verification Unable to resolve hostname
  - Fixed: Filtering Web Content by word occurrence returns broken HTML
  - Fixed: User details not getting updated in Active hosts
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**Version 9.2.7 - September 4th, 2018**

- \* 2-Step verification UI improvements
  - \* DHCP leases column added in DHCP
  - \* DST notification added to time zone settings page
  - \* IPv6 anti-spoofing functionality added
  - \* Linux VPN client now supports systemd
  - \* Unify approach to entering URL in rules
  - \* Upgraded Firefox install CA walkthrough screenshots
  - Fixed: Categories are not getting merged one when testing the miscategorized URLs in the Content filter
  - Fixed: Changing description for multiple users changes only those who have separate configuration
  - Fixed: Crash with error handling during domain joining/leaving
  - Fixed: Disable view user statistic when multiple users are selected
  - Fixed: Entries with multiple members in Service list not getting searched
  - Fixed: HTTP Cache dump should work without selected cache any message type
  - Fixed: Interface group ordering disabled
  - Fixed: IPSec connection is dropped every 3 hours
  - Fixed: IPsec: Some fields are cleared when Cipher configuration dialog is closed
  - Fixed: P2P suspicious connection detection
  - Fixed: Prevent consuming license usage when there is spoofing IPv6 connection
  - Fixed: Show details while joining AD fails because of time skew
  - Fixed: Technical support button on dashboard redirects to GFI support now
  - Fixed: Tunnel reset when cipher config dialog is closed
  - Fixed: User right column sort by rendered value
  - Fixed: SafeSearch blocking Google Cloud Messaging
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**Version 9.2.6 - May 16th, 2018**

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- + Added feature
- \* Improved/changed feature
- Bug fixed
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- \* Added support for Encrypting personal/sensitive data stored on the disk
  - Fixed: Crash in some occasions due to empty HTTP header name
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**Version 9.2.5 patch5 - April 23rd, 2018**

- Fixed: 2 Step Verification for user does not show QR Code
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**Version 9.2.5 patch4 - April 12th, 2018**

- Fixed: Crash when multiple pages denied occur while first deny is delayed
  - Fixed: Crash when internal page requests using same "lang" parameter
  - Fixed: UPnP not listening on all interfaces
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**Version 9.2.5 patch3 - April 4th, 2018**

- Fixed: Crash when SNAT missing target interface
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**Version 9.2.5 patch2 - April 3rd, 2018**

- Fixed: NTLM Authentication issue
  - Fixed: 2 Step Authentication issue
  - Fixed: Recompilation of WIFI driver with different flags for more compatibility
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**Version 9.2.5 patch1 - March 29th, 2018**

- Fixed: Crash every hour when sending email for invalid user after antivirus scanning
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**Version 9.2.5 - March 22nd, 2018**

- \* Removal of PHP server-side scripting from Web Interface
- \* Upgrade of strongSwan 5.5.1
- \* Improved starting/stopping of VPN Client on Debian 8
- \* VPN Client now supports macOS High Sierra
- Fixed: Translation issues
- Fixed: User preferences automatic language set to detected language
- Fixed: Installation of VPN Client fails on Windows 7, 8
- Fixed: The WiFi driver has been updated for better compatibility and stability
- Fixed: Dashboard Traffic Chart Tile does not show relevant units
- Fixed: Changing description for multiple users changes only those who have separate configuration
- Fixed: Empty exclusions for connection limit corrupts config
- Fixed: View Guest users in Kerio Control Statistics opens stats of "Not logged in" user
- Fixed: WebAdmin error during configuration import
- Fixed: Install CA screenshots are from old FireFox
- Fixed: Menu bar icon not optimized for Mac with retina
- Fixed: Remote Services: Data are not reloaded when changes are discarded on screen reload
- Fixed: Bandwidth management traffic dialog: wrong info text
- Fixed: Crash in ThreadCpuTime, when gdata.start\_error = 1
- Fixed: assert in DhcpLeaseTab::save()
- Fixed: W10 Edge cannot login and access web interface if IPv6 is enabled
- Fixed: missing limiter of AV check failed alert

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- Fixed: Russian Business Network blacklist is missing in IPS update
  - Fixed: Remove unsecure DES-CBC3-SHA from cipherlist
  - Fixed: Wi-Fi should be WiFi (legal requirement)
  - Fixed: Kerio VPN tunnels are using local networks defined in IPsec section (as Remote networks)
  - Fixed: Exported cfg. backup is corrupted
  - Fixed: Sending notifications from Kerio Control - InCorrect Format of notification
  - Fixed: On Groups page, "Rights" column is not sorted in correct order
- 

**Version 9.2.4 - October 26th, 2017**

- Fixed: Updated hostapd for Enhanced WIFI security
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**Version 9.2.3 - August 21st, 2017**

- \* OpenSSL upgraded from 1.0.1u to 1.0.2j
  - \* Updated country list used in SSL Certificate definition
  - Fixed: CPU lock due to winroute loop
- 

**Version 9.2.2 - March 23rd, 2017**

- \* Sophos Anti-Virus replaced with Kerio Antivirus which is based on the Bitdefender antivirus engine
  - Fixed: Stability issue, Kerio Control was unresponsive
  - Fixed: 0.0.0.0 was displayed instead of IP address of IPsec VPN client
  - Fixed: HTTP cache could not be erased
  - Fixed: Application detection didn't work with HTTP Header "Content-Type"
  - Fixed: Invalid certificate was created by HTTPS filtering
- 

**Version 9.2.1 - January 24th, 2017**

- + Geop filtering - added possibility to block incoming connection based on country of origin
  - \* Significant performance improvements
  - \* x86-64 architecture - 64-bit CPU is now supported
  - \* IPsec VPN tunnel ciphers can be configured in administration
  - \* Login guessing protection is now enabled by default
  - \* Changed closed/reset connection timeout
  - Samepage.io backup option removed
  - Fixed: VPN client prompts user to accept valid certificate
  - Fixed: VPN client DNS issues when 2-Step verification was enabled but not performed
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**Version 9.2.0**

- version relased with Kerio HW only
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**Version 9.1.1 - August 23rd 2016**

No informations available.

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**Version 9.1.4 - October 20th 2016**

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**Version 9.1.0, June 14, 2016**



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- + Added Application Awareness
  - + Added configuration files backup to MyKerio
  - + Kerio Control can now upgrade automatically in given time interval
  - + Added SafeSearch
  - \* The static IP address assigned to a VPN client is now enforced, only one client is allowed
- 

**Version 9.0.3**

- Samba update addressing CVE-2016-2118
  - Fixed: EDNS0 response was incorrectly truncated
  - Fixed: VMware quiescence freeze the appliance under some circumstances
- 

**Version 9.0.2**

- \* Windows installations are now signed using SHA256
  - Fixed: Kerio Control Administration: It was not possible to import PEM certificate without password
  - Fixed: stability issue in logs download
  - Fixed: VPN tunnel was disconnected every 2 minutes under some circumstances
  - Fixed: Kerio VPN Client: DNS server issues on Windows 10
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**Version 9.0.1 patch2**

- Glibc library update addressing CVE-2015-7547
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**Version 9.0.1**

- Fixed: Connection using NAT hairpinning was not reliable
  - Fixed: Kerio Control Administration: Incorrect traffic chart captions
  - Fixed: Kerio Control Administration: It was not possible to import users from Active Directory
- 

**Version 9.0.0**

- + IP Address Groups, URL Groups and Time Ranges can be shared to all appliances in MyKerio organization
  - \* Extended set of protocols recognized on IPv6 in Bandwidth Management and Kerio Control Statistics
  - \* Network configuration is now automatically determined after deployment in Software and Virtual Appliance
  - \* The connection limit feature improved
  - \* MyKerio username is now logged into config log
  - \* Added PXE-boot DHCP option
  - Fixed: incorrect remote IP address was displayed in IPsec tunnel details
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**Version 8.6.2 October 12, 2015**

- Fixed: XSRF and SQL injection vulnerabilities on webinterface. Credit to intelliSEC GmbH for disclosing the problem to Kerio.
- Fixed: IP address was incorrectly translated on connection through VPN tunnel if VPN tunnel flaps
- Fixed: memory leak in IPsec VPN server
- Fixed: Content filter was not able to block some recognized VoIP/VPN traffic
- Fixed: HTTPS inspector didn't trust some trusted sites
- \* Updated list of supported VMware hypervisors
- \* Kerio VPN Client: Added support for Windows 10 and OS X 10.11 El Capitan

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**Version 8.6.1 patch1 September 4, 2015**

- Fixed: Stability issue in HTTPS filtering
- 

**Version 8.6.1 September 1, 2015**

- + Added support for Microsoft Edge
  - \* Kerio VPN Client now detects unsupported SSL protocol version
  - \* Improved compatibility with 3rd party IPSec implementations
  - Fixed: several minor bugs
- 

**Version 8.6.0 patch1 June 25, 2015**

- Fixed: TCP connections had 10 seconds timeout until first data packet from server
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**Version 8.6.0 June 23, 2015**

- + Kerio Control can be managed by the MyKerio service
  - + Email alerts and reports can now be delivered using the MyKerio service
  - \* The connection limit feature redesigned
  - + The IPv6 prefix delegation: Prefix routed by ISP is now automatically determined by a DHCPv6 client
  - + Added automatic mode of IPv6 Router Advertisements
  - + Kerio Control Administration: the IPv6 routing table added
  - + Native x64 Kerio VPN Client for Linux
  - \* Certificates are signed by SHA-256, certificate details now show an SHA-256 fingerprint
  - \* The System tile in dashboard warns if time differs between Kerio Control and a browser
  - \* Kerio Control Administration: Condition editors (e.g. in Traffic, Content, Bandwidth rules) redesigned for better usability
  - \* All graphics optimized for Retina displays
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**Version 8.5.3 May 05, 2015**

- Fixed: Memory leak in IPsec VPN server
  - Fixed: Incorrect character encoding in email alerts
  - Fixed: Upload/download direction was incorrectly determined in Bandwidth Management inside VPN tunnel
  - Fixed: It was not possible to detect remote endpoint fingerprint in Kerio VPN tunnel configuration
  - Fixed: Certain traffic from VPN client was not blocked by 2-Step verification
- 

**Version 8.5.2 April 14, 2015**

- \* OpenSSL library updated to version 1.0.1m, SSLv3 and less secure SSL ciphers were disabled
  - \* VPN Client: Remove connection button is disabled when connection list is empty
  - Fixed: VPN client opens browser window unexpectedly
  - Fixed: Ethernet interface incorrectly kept IP address after cable was disconnected
  - Fixed: User was not able to configure 2-Step verification remotely
  - Fixed: User was redirected to http:/// after 2-Step verification configuration
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**Version 8.5.1 March 10, 2015**

- Fixed: Hosts were not redirected to authentication page under some circumstances

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- Fixed: Compatibility issue in Ethernet speed and duplex configuration
  - Fixed: Stability issue in configuration import
- 

**Version 8.5.0 February 17, 2015**

- + Added 2-Step verification feature
  - + Added possibility to change MAC address of Ethernet adapter
  - \* Kerio Control Administration: IP Address Groups editor was simplified
  - \* Kerio Control Administration: Overlapping Traffic Rules are now detected
  - + Kerio Control Administration: It is now possible to select Bits per second or Bytes per second as speed units
  - \* Guest network can use arbitrary DNS server
  - \* Guest network can be selected as source in Content Filter rules and Bandwidth Management rules
  - \* Added new email alerts for Traffic Rules, Content Filter, log message and several system events
  - + Added Service Discovery forwarding
  - \* Optimized Bandwidth parameters in order to reduce latency
  - \* Config log now contains also names and original values
  - \* VPN Client for OS X installer rewritten to PackageMaker
  - \* VPN Client: Added possibility to name and to delete saved connection
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**Version 8.4.3 January 30, 2015**

- Fixed: glibc vulnerability CVE-2015-0235
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**Version 8.4.2 November 27, 2014**

- Fixed: It was not possible to import configuration under some circumstances
  - Fixed: NTLM was not performed automatically by browsers
  - Fixed: Kerio Control Administration: it was not possible to edit URL group with more than 500 entries
  - Fixed: VPN Client for OS X invalid driver signature
  - Fixed: several minor issues in Kerio Control Statistics
- 

**Version 8.4.1 October 24, 2014**

- \* OpenSSL library updated to version 1.0.1j addressing CVE-2014-3566 (POODLE)
  - \* Frequent MAC address changes caused by NIC teaming are not logged into host log.
  - \* VPN Client: Added support for OS X 10.10 Yosemite
  - \* Added support for Safari 7.1 and 8 browser
  - Fixed: Filename condition in Content Filter could break some websites
  - Fixed: stability issue caused by IPv6 policy routing
  - Fixed: several issues in HTTPS filtering
- 

**Version 8.4.0 October 14, 2014**

- + Added RADIUS server for user authentication and WPA2 Enterprise WiFi security
- + Added HTTPS filtering feature
- + Added Guest interface group
- \* Traffic rules now works also for IPv6 traffic
- \* Statistics web interface is now responsive for optimal viewing experience on mobile devices
- \* VLAN are now imported from configuration backup
- \* Added support for WebSockets using HTTP Upgrade header
- \* Interface and system statistics charts are persistent across restarts

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- \* Hostname condition now uses internal DNS cache and match also subdomains
  - \* Added ability to specify syslog port, facility and application
  - \* It is possible to view built-in certificates and import certificates without private key
  - Fixed: IPsec tunnel re-authentication with Cisco ASA
  - \* Improved Reverse HTTP proxy compatibility with HTTP Location header redirects
  - \* Improved FTP bounce attack protection
  - \* Passwords are now always stored in MS-CHAP v2 compatible format for Local users
- 

**Version 8.3.4 August 26, 2014**

- Fixed: fragmented packets were incorrectly routed
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**Version 8.3.3 July 22, 2014**

- Fixed: stability issue in HTTP proxy
  - \* improved DNS timeout detection in Kerio Control Web Filter
  - \* additional WebDAV methods were allowed in HTTP proxy
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**Version 8.3.2 June 30, 2014**

- Fixed: packets was sometimes incorrectly dropped by MAC filter due to empty MAC address
  - Fixed: OpenSSL vulnerability CVE-2014-0224
  - Fixed: SQL injection vulnerability in Kerio Control Statistics
  - \* Authentication on HTTP connection is now not required inside VPN tunnel
  - \* Supported operating systems and hypervisors updated to recent versions
- 

**Version 8.3.1 May 20, 2014**

- + Logo and page title on login page, denial pages and user alerts is now customizable
  - Fixed: incorrect MAC address was assigned to host on DNAT connection
  - Fixed: Statistics database could be corrupted by non-UTF8 characters
  - Fixed: Packets from firewall are now correctly logged in filter log in case of NAT
  - Fixed: IPS false positives on SMTP connections
  - Fixed: Kerio Control Administration: It is now possible to add VLAN in Google Chrome
  - Fixed: Kerio Control Administration: Incorrect row was focussed after Reset on different screens
- 

**Version 8.3.0 April 22, 2014**

- + Added Reverse Proxy feature
- + Traffic rules: added search text, test rules and hide/collapse rule features
- + MAC address can now be used for automatic user login
- + Added support for FTP in automatic configuration backup
- + New log Host introduced
- + Added possibility to create service groups
- + Manually assigned IP addresses within DHCP scope can now be blocked
- \* Traffic rules: added last used column, added more colors
- \* Traffic rules are now added by wizard
- \* Active hosts now shows MAC address
- \* MAC Filter now can automatically permit MAC addresses used in DHCP reservations and automatic user login
- \* Bandwidth management rules can be now applied to VPN tunnel traffic before encryption
- \* Dynamic DNS client now can detect public IP address

Aktualisiert: 05.02.2025

**Legend:**

- + Added feature
  - \* Improved/changed feature
  - Bug fixed
  - ! Known issue / missing feature
- 

- \* Automatic login now doesn't work for users disabled in directory service
  - \* DHCP reservation and automatic user login can be created from context menu on Active Hosts screen
  - \* Linux kernel upgraded to version 3.12
  - Fixed: DNS forwarder now forwards DKIM queries
  - Fixed: OpenSSL vulnerability CVE-2014-0160
- 

**Version 8.2.2 patch2 April 10, 2014**

- Fixed: OpenSSL vulnerability CVE-2014-0160
- 

**Version 8.2.2 patch1 January 30, 2014**

- Fixed: possible deadlock in Content Filter
- 

**Version 8.2.2 January 14, 2014**

- \* Pre-windows 2000 account name is now used if user have secondary UPN suffix in Active Directory
  - Fixed: Stability issue in User database
  - Fixed: Forbidden words was always disabled after reboot
  - Fixed: Kerio Control Administration: Several minor stability issues
- 

**Version 8.2.1 December 5, 2013**

- \* Content Filter: File name is now detected also in URL
  - \* Kerio VPN Client: Driver is not installed to /System/Library/Extensions on OS X 10.9 Mavericks
  - Fixed: Content rule URL condition "\*" incorrectly matches non-HTTP connections
  - Fixed: Stability issue in HTTP protocol inspector
  - Fixed: HTTP cache TTL was not computed correctly
  - Fixed: Kerio Control Administration: several stability issues
- 

**Version 8.2.0 November 12, 2013**

- + Content Filter feature replaces HTTP and FTP policy
  - + Added L2TP interface type
  - \* PAE was enabled in Linux kernel, more than 4GB of RAM are now detected
  - \* IPv6 support was added to HTTP protocol inspection
  - \* Space occupied by HTTP cache is now reported in storage space management
  - \* Enabled workaround for poor performance of particular TCP connections in VMware vmxnet driver
  - \* Backup DNS servers are now detected in Active Directory domain
  - \* HTTP proxy server now supports method OPTIONS
  - \* Kerio Control Administration: definitions can be edited directly from policy screens
  - \* Kerio Control Administration: unsupported Ethernet port speed / duplex is now reported
  - \* Kerio Control Administration: particular screen can be opened by URL bookmark
  - \* Kerio VPN Client: Added support for OS X 10.9 Mavericks, dropped support for Mac OS X 10.7 Lion and older
  - Fixed: Kerio Control Administration: Properties of user named "admin" from Active Directory are now editable
  - + Added support for Internet Explorer 11 and Safari 7 browsers
- 

**Version 8.1.1 patch1 August 19, 2013**

- Fixed: Samepage.io backup may not work because of API update

Aktualisiert: 05.02.2025

**Legend:**

- + Added feature
  - \* Improved/changed feature
  - Bug fixed
  - ! Known issue / missing feature
- 

**Version 8.1.1 July 18, 2013**

- \* Added ability to save credentials for multiple VPN connections on OS X
  - \* Added support for multiple organizations in Samepage.io backup
  - Fixed: Dynamic DNS hostnames used in policies was not repeatedly resolved
  - Fixed: IP mask could be incorrectly configured in case of multiple IP addresses on interface
  - Fixed: FTP connection was closed with a 10 seconds delay
- 

**Version 8.1.0 June 25, 2013**

- + Added ability to backup configuration to Samepage.io automatically
  - + Added support for monitoring with SNMP
  - + Kerio Control Administration: Added IP Tools - Ping, Traceroute, DNS Lookup, Whois
  - + Added login guessing protection
  - + Added support for regular expressions in URL
  - + Added failover for VPN tunnel
  - + Kerio Control Administration: Added Packet Dump management
  - + Appliance Edition: Added support for the most common RAID controllers
  - \* Removed limit of 2048 MB in HTTP cache size
  - \* Kerio Control Administration: Added ability to navigate by letter keys in lists of items
  - \* Kerio Control Administration: Definitions: Added filtering and improved paging
  - \* Kerio Control Administration: Added tooltips with values in MB or GB instead of kB in User Statistics and Traffic Charts
  - \* Kerio Control Administration: MAC address related to a DHCP lease can be searched in multiple scopes
  - \* Kerio Control Administration: Added possibility to delete declined DHCP leases
  - \* Kerio Control Administration: Added ability to view, delete, download rotated log files
  - \* Added possibility to edit Local networks for IPsec tunnels
  - \* Added support for chunked transfer encoding in HTTP POST
  - \* Kerio Control Statistics: improved recognition of major social networks and multimedia sites
  - \* Kerio Control Administration: Improved status reporting of VPN tunnels
  - Fixed: Local transparent proxy didn't work for IPsec tunnel
  - Kerio Control Administration: Fixed: it was not possible to enter 255.255.255.255 into mask field
  - Fixed: Passive IPsec tunnel was not reconnected after its configuration was changed
  - Fixed: SIP calls didn't work when primary line went back online in failover scenario
  - Fixed: Incorrect interface names was logged in filter log
  - Fixed: MS-CHAP v2 password hash was incorrectly computed for users in local database
  - \* Dropped support for Parallels hypervisor
- 

**Version 8.0.2 June 11, 2013**

- Fixed: SIP calls didn't work when primary line went back online in failover scenario
  - Fixed: MS-CHAP v2 password hash was incorrectly computed for users in local database
- 

**Version 8.0.1 April 2, 2013**

- \* Kerio Control Administration: password inputs behavior unified
- \* Local ID of IPsec tunnel is now editable
- Fixed: IPsec clients was disconnected after 3 hours
- Fixed: HTTP header "Referer" was incorrectly removed under specific circumstances
- Fixed: It was not possible to establish IPsec tunnel with more than 5 authorities in certificate store
- Fixed: Remote ID of IPsec tunnel was incorrectly determined if the certificate was not in certificate store
- Fixed: "Unable to check whether the VPN server's security certificate has or has not been revoked" warning was

Aktualisiert: 05.02.2025

**Legend:**

- + Added feature
- \* Improved/changed feature
- Bug fixed
- ! Known issue / missing feature

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incorrectly displayed.

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**Version 8.0.0 March 12, 2013**

- + Added IPsec VPN server
- + Added IPsec VPN tunnel support
- + Added certificate store for easier certificate management
- + Added support for IPv6-only servers to non-transparent HTTP proxy
- + SSL and TLS encryption can now be used in communication with SMTP relay
- + WebFilter now filter HTTPS traffic over HTTP proxy
- + Kerio Control Administration: Load time of dashboard was reduced
- + Kerio Control Administration: Firefox and Chrome browsers on Android mobile devices are now supported
- + Administration and web interface is now available on port 80 (HTTP) and 443 (HTTPS)
- + Passwords can be stored in MS-CHAP v2 compatible format in local user database
- + Mac OS X VPN client now successfully verifies certificate signed by intermediate certificate authority
- \* Dropped support for all Windows platforms
- \* Build-in plugins for external antivirus removed
- \* Hardware Appliance: LAN switch interface without Ethernet link now keeps it's IP address
- \* Original URL instead of file name is now matched against antivirus URL rules
- \* Kerio Control Administration: Application menu and automatic refresh was redesigned
- \* SSL key size increased to 2048b
- Fixed: Control now honor TTL values in DNS
- Fixed: Dropped incoming packets are now accounted in Bandwidth management
- Fixed: Statistics contained "Unknown" user
- Fixed: BOOTP message now contains IP address of DHCP server
- Fixed: DHCP server assigns wrong addresses in case of multiple subnets on one interface
- Fixed: HTTP cache didn't re-validate document if HTTP header "max-age=0" was present
- Fixed: Kerio Control Administration: System uptime was shown as NaN:NaN:NaN
- Fixed: TCP RST packet was not allowed during 3-way handshake
- Fixed: Stability issue in HTTP keywords filtering
- Fixed: ICMP packet replay protection
- Fixed: HTTPS URL filtering now blocks reused sessions
- Fixed: HTTP cache had negative impact on throughput
- Fixed: Week User and Traffic statistics were lost during restart

**Version 7.4.2 March 12, 2013**

- + Added support for IPv6-only servers to non-transparent HTTP proxy
- + WebFilter now filter HTTPS traffic over HTTP proxy
- Fixed: Control now honor TTL values in DNS
- Fixed: BOOTP message now contains IP address of DHCP server
- Fixed: HTTP cache didn't re-validate document if HTTP header "max-age=0" was present

**Version 7.4.1 December 4, 2012**

- \* Hyper-V server 2012 support added
- \* Internet Explorer 10 support added
- \* Hostname specified on Web Interface configuration screen is now used in alerts and email reports
- \* Appliance Edition: Gratuitous ARP is send for each bound IP address
- \* Improved HTTPS filtering effectiveness
- Fixed: Appliance Edition: Time is not synchronized with NTP server
- Fixed: Specific connections cannot be established using RAS (PPP) interfaces on Windows 7 / 2008R2 platform
- Fixed: Stability issue in configuration export

Aktualisiert: 05.02.2025

**Legend:**

- + **Added feature**
  - \* **Improved/changed feature**
  - **Bug fixed**
  - ! **Known issue / missing feature**
- 

- Fixed: Groups mapped from Active Directory with a special characters in their name doesn't contain users
  - Fixed: Stability issue in URL filter
  - Fixed: Anti-spoofing feature blocks reception of firewall's own broadcasts and multicasts
  - Fixed: Email reports may contain no data
  - Fixed: Kerio Control Administration: Cannot edit reservation in DHCP manual mode
  - Fixed: Kerio Control Administration: It is possible to add/move IP group from opened page only
- 

**Version 7.4.0 patch 1 November 12, 2012**

- \* Fixed: connections to VPN server on PPP interface cannot be established
- 

**Version 7.4.0 October 30, 2012**

- + HTTPS traffic filtering
- + Added support for Microsoft Hyper-V including pre-built virtual appliance image
- + Statistics for groups
- + Users can now view their own statistics
- + Added possibility to send user statistics as a regular email report
- + User photos in statistics
- + Kerio Control Administration dashboard
- + Appliance Edition: Added support for 802.1Q VLAN interfaces
- + User can now report incorrect Kerio Control Web Filter categorization directly from Denial Page
- + Added possibility to allow inbound IPv6 connections from/to specified addresses
- + New categories added to Kerio Control Web Filter
- + Kerio Control Web Filter now categorizes URLs embedded inside original URLs (used for example by Google Translate)
- + Appliance Edition: Added possibility to configure link speed and duplex for the links
- + Appliance Edition: Added possibility to use gateway which does not match local subnet
- + Added support for load balancing multiple PPPoE connections established to single ISP (to the same IP subnet)
- + It is now possible to move DHCP reservation between scopes
- \* External antivirus support removed. Previously configured external antivirus remains set but it is not possible to configure new external antivirus.
- \* Significantly improved performance when configuring large number of IP addresses on an interface
- \* Deny pages redesigned
- \* Administrator is warned when leaving Kerio Control Administration while edit dialog is open in order to prevent data loss
- \* Kerio Control Administration: Graphs design improved
- \* Kerio Control now uses multiple NTP servers in order to increase time synchronization reliability
- \* When duplicating a rule in the list, the new rule is now always created below the original rule
- \* Improved NTLM compatibility - now NTLM should work out of the box in most scenarios
- \* It is now possible to test SMTP relay before applying it's configuration
- \* Kerio Control Administration: Less often used buttons merged to 'More actions' button to save space
- \* Turning antivirus scanning off on SMTP connections now can resolve greylisting incompatibility issues
- \* Added the possibility to continue using backup internet line in failover mode
- \* Increased timeout for SIP connections
- \* Improved performance of user authentication on proxy server
- \* Extended configuration options of HTTP cache
- \* Number of users and connected devices is now visible on dashboard
- Fixed: SSH session established through the firewall could timeout
- Fixed: Kerio Control Web Filter failed to categorize extremely long URLs
- Fixed: DNS forwarder failed to forward queries for names longer than 128 bytes.
- Kerio Control Administration: several minor improvements, increased stability
- Fixed: Appliance Edition: When joining domain A record for firewall host was not added on domain's DNS server. Client computers were not able to access the firewall when using domain's DNS server.
- Fixed: VPN Server IP address was not displayed on the Interfaces screen
- Fixed: It was not possible to create VPN tunnel with custom routes only



Aktualisiert: 05.02.2025

**Legend:**

- + **Added feature**
- \* **Improved/changed feature**
- **Bug fixed**
- ! **Known issue / missing feature**

- 
- Fixed: If automatic login IP address configured for first user was later configured for another user, it was deleted for the first user without any warning.
  - Fixed: IPv6 connection timeout was not correctly changed after FIN or RST was received
  - Fixed: Appliance Edition: IP address and routes were not removed from interface on cable disconnect
  - Fixed: BOOTP server sometimes failed to configure TFTP server (causing PXE boot to fail under certain circumstances)
  - Fixed: Traffic charts for rules involving time intervals did not work properly
  - Fixed: Moving system date/time forward disconnected Kerio Control Administration
  - Fixed: Kerio Control installation failed if profile folder was on other than system partition
  - Fixed: Antivirus now works in trial mode
  - Fixed: Wrong policy routing applied after change of routing table
  - Fixed: Persistent VPN on Mac OS X 10.8 Mountain Lion
  - Fixed: NAT was not applied correctly on SIP connections
- 

**Version 7.3.3 - July 31, 2012**

- Fixed: VPN client compatibility with Mac OS X 10.8 Mountain Lion
- 

**Version 7.3.2 patch 1 - June 20, 2012**

- Fixed: Appliance Edition: upgrade from 7.2.2 and older can corrupt interfaces configuration
- 

**Version 7.3.2 - June 12, 2012**

- \* Integrated web server PHP hardened
  - \* Maximum number of IPv4 addresses per interface increased
  - \* Updated list of supported VMware hypervisors
  - \* VPN Client: updated list of supported linux distributions
  - Fixed: It was not possible to edit Traffic, HTTP or FTP rules after upgrade from Kerio WinRoute Firewall 6 if some of the original rules was unnamed
  - Fixed: Kerio VPN Client service was not properly started after Kerio VPN Client upgrade - machine reboot was required
  - Fixed: Potential crash in NTLM authentication
  - Fixed: Potential crash in Dynamic DNS client
- 

**Version 7.3.1 - April 24, 2012**

- + VPN Client can now use VPN as a default route (based on VPN Server configuration, both VPN Client and VPN Server must run version 7.3.1 or newer)
- \* Computer connected through Kerio VPN now prefers DNS server accessible through the VPN instead of the local one.
- + Appliance Edition: Ethernet cable status change is detected
- + Appliance Edition can now be installed using USB installation disk
- \* IPv6 connection logging can now be enabled/disabled in Security Settings
- Fixed: Routing problems with VPN (both clients and tunnels) when multiple Internet connections are used
- Fixed: Connection going through NAT could be dropped under certain circumstances
- Fixed: Configuring autologin from Firewall for one user can lead to autologin configuration reset for another user (if Address Group was used)
- Fixed: Administration Console: some DHCP options (option 21, option 33) were not saved
- Fixed: Dial-up/Hang-up RAS scripts were not executed
- Fixed: Policy routing did not work for Firewall host
- Fixed: IGMP multicasts were dropped and reported as Malformed packets
- Fixed: Bandwidth Management default rule matched IPv6 traffic
- Fixed: Several minor design issues in StaR email reports
- Fixed: Kerio Control Administration: custom route description was mandatory

Aktualisiert: 05.02.2025

**Legend:**

- + Added feature
- \* Improved/changed feature
- Bug fixed
- ! Known issue / missing feature

- 
- Fixed: Support incident cannot be opened for registered trial
  - Fixed: Kerio Control Administration: auto refresh did not work in Active Hosts -> Connections
  - Fixed: Administration Console: several minor bugs

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**Version 7.3.0 patch 2 - March 14, 2012**

- Fixed: Appliance Edition: Broadcom (R) NetXtreme II NIC was not recognized by the system

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**Version 7.3.0 patch 1 - March 1, 2012**

- Fixed: Appliance Edition: old StaR data can get lost

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**Version 7.3.0 - February 28, 2012**

- + StaR email reports
- + Basic IPv6 support
- + Daily IPS Blacklists updates
- \* Speed and stability of Kerio Control Administration has been improved with smart caching of data and resources
- + Possibility to Suggest Idea to Kerio from the product
- + Voluntary usage statistics gathering
- \* Appliance Edition: Improved hardware support
- + Appliance Edition: Added possibility to manually specify DNS and gateway for DHCP configured interfaces
- + Web Filter categories can be reviewed in list of URL Rules in Kerio Control Administration
- + Yandex added to list of search engines (StaR and HTTP policy)
- + CIDR notation can be used to specify network mask in Kerio Control Administration
- \* Kerio Control Administration suggests optimum values for some items, e.g. network masks
- \* Comma and space are converted to a delimiter while entered in field for IP address or mask in Kerio Control Administration
- \* Appliance Edition: PPPoE interface is hung up and redialed when administrator changes interface MTU
- + Kerio Control Administration displays warning if Kerio Control runs on a computer with RAM size not meeting system requirements
- + Connection log used to display DNS names if available IP addresses otherwise. Now the IP address is always displayed (together with the DNS name)
- \* Kerio Web Filter server address changed
- \* HTTP keywords filtering performance significantly improved
- Fixed: Appliance Edition: StaR database engine could crash
- Fixed: Several minor bugs in Microsoft Active Directory integration
- Fixed: Link Load Balancing can cause long HTTP session to expire
- Fixed: Antivirus scanning rules ignores URLs which begin with "ftp://"
- Fixed: Server defined as IP:port was not handled properly in HTTP policy
- Fixed: Unable to login to Kerio Control Administration when primary domain is inaccessible and user account "Admin" is missing in local user database
- Fixed: Unable to start Web administration from Kerio Control Monitor on Windows x64 platforms under certain circumstances
- Fixed: User name containing special characters is not displayed correctly in StaR
- Fixed: Deleted files are kept in the list of files until screen is refreshed in Clientless SSL-VPN
- Fixed: Direct SIP calls between two clients in Local network are reported as SIP VoIP in StaR
- Fixed: VPN Client: It was not possible to connect to VPN server defined by name with an underscore
- Fixed: Uninstallation could leave some files (upgrade backups) on disk
- Fixed: Error "(99) Socket error: Unable to bind socket for service" sometimes logged on firewall startup
- Fixed: Appliance Edition: Admin account remained disabled when importing configuration from Windows with disabled Admin account
- Fixed: Appliance Edition: Restart after configuration import sometimes froze the appliance

Aktualisiert: 05.02.2025

**Legend:**

- + **Added feature**
- \* **Improved/changed feature**
- **Bug fixed**
- ! **Known issue / missing feature**

- 
- Fixed: Appliance Edition: Low free space alert was not sent for depleted temporary storage
  - Fixed: Windows Firewall was not sometimes correctly stopped on Kerio Control engine startup
  - Fixed: HTTP Protocol Inspector unnecessarily closed keepalive connection after HTTP 304 response had been received
  - \* FTP over HTTP proxy: improved upload speed on high speed lines with high latency
  - \* Improved error handling in configuration export/import
  - \* Appliance Edition: Improved stability of KRB5 authentication
  - \* Serial port removed from Parallels Virtual Appliance

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**Version 7.2.2 Patch 4 - February 14, 2012**

- \* Kerio Web Filter server URL changed

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**Version 7.2.2 - December 6, 2011**

- Fixed: stability issue in Active Directory users mapping
- Fixed: stability issue in MAC filter
- \* VPN Client: Ubuntu 11.10 added to the list of supported operating systems

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**Version 7.2.1 - October 25, 2011**

- + Added possibility to specify HTTP and FTP rules in Bandwidth Management rules
- Fixed: stability issue in proxy server debug logging
- Fixed: connection age longer than 1 day is now correctly displayed
- Fixed: minor stability issue in administration interface
- \* Dropped support of Mac OS 10.4

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**Version 7.2.0 - August 30, 2011**

- + Bandwidth can be now managed easily on one place and also traffic rules can be used to fine-tune
- + Traffic charts can be activated for Traffic and Bandwidth Management rules
- + Support for Google Chrome has been added to Web administration
- + Support for authentication in Apple Open Directory has been added
- \* The Domains and User Login screen has been redesigned
- \* Several user accounts can be edited at once. Also they can be directly enabled/disabled from context menu
- \* Upgrade can now be performed by direct upload of an upgrade file via Web Administration
- \* Usability of status screens, namely Active Hosts and Active Connections, has been improved. More than one row can be selected to perform certain operations.
- \* Long lists are listed without paging in Web Administration
- + Added column with user rights to the user account list
- \* List of user accounts displays number of users defined in currently displayed domain
- \* A specific record in the DNS hosts table can be found easily in the hosts editor
- \* Debug and Filter log allow to adjust the format of logged packets
- \* Navigation in list of rules by the Page Up and Page Down keys has been improved
- \* Usability of long dialogs on smaller screen resolution has been improved
- \* Debugging messages from Web Administration can be enabled in Debug log
- \* DHCP leases can be transferred to another machine using the configuration export/import
- \* Performance of IPS blacklists has been improved
- \* VPN Client can now verify an SSL chain including an intermediate certificate
- \* Multiple bug fixes and improvements have been done in Active Directory integration
- \* Added possibility to force reconnect all VPN tunnels when primary line goes back online in failover scenario
- \* Old inactive users with no data are now automatically purged from StaR
- Fixed: Some MAC addresses were incorrectly matched by MAC Filter

Aktualisiert: 05.02.2025

**Legend:**

- + Added feature
- \* Improved/changed feature
- Bug fixed
- ! Known issue / missing feature

- 
- Fixed: FTP over HTTP Proxy for URLs containing some special characters
  - Fixed: Scrolling in logs overloaded Kerio Control Engine
  - Fixed: Erasing a log took up to 1 minute

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**Version 7.1.2 - April 28, 2011****Kerio Control**

- + Added ability to block IPv6 over IPv4 tunnels
- Fixed: Software and hardware appliance editions no longer performs SLAAC
- Fixed: Unable to perform downloads using FTP over proxy when link contained spaces or "+"
- Fixed: User who was logged in automatically by their IP address was never logged out
- Fixed: Kerio Control failed to authenticate Active Directory users with empty userPrincipalName
- Fixed: Some MAC addresses were not blocked by MAC Filter

**Kerio Control Administration**

- + Support for Internet Explorer 9 has been added to Web administration
- + Support for Firefox 4.0 has been added to Web administration
- + Support for Firefox 3.0 has been dropped in Web administration
- \* Russian and Dutch localizations have been improved
- Fixed: Kerio Control Administration: Session was lost after saving changes (WebAssist with "-32000 Error")
- Fixed: Kerio Control Administration: WebAssist "config.useSsl" is null or not an object
- Fixed: Kerio Control Administration: Unable to export configuration including SSL certificate

**Kerio VPN Client**

- + Support for Debian 6.0 has been added

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**Version 7.1.1 - March 3, 2011**

- \* Web administration now remembers settings such as visibility, order, width of columns, and sorting in tables
- \* Performance of the web administration, namely when editing policies, has been improved
- \* Status screens such as Active Hosts now remember cursor position upon refresh. The page size has been increased too
- \* WINS automatic detection is now supported on Appliance and Box editions
- \* Direct editing of host file has been replaced by an ordinary editor
- \* Web Administration screens are successfully unmasked after loading data
- \* Weak RC4 cipher is now disabled in SSL
- \* DialUp interface is now dialed with default route if and only if it is in Internet group
- \* Improved detection of broken VPN data connection
- \* Appliance Edition, Box: VPN Server can now automatically detect WINS settings
- \* Appliance Edition, Box: It is now possible to join Windows Domain even with DNS forwarders set to both ISP and domain controller
- Fixed: HTTP Proxy slows down browsing significantly
- Fixed: NTP synchronization sometimes failed on engine startup
- Fixed: StaR failed to save statistics if any used user account had too long description with national characters in it
- Fixed: Automatic login settings were preserved from previously deleted user
- Fixed: Problems with Asus NX1101 network interface on 32-bit Windows
- Fixed: Packets on the Dial-In interface (used e.g. for PPTP connections) were dropped with the "3-way handshake not completed" error
- Fixed: POP3 inspector failed to process malformed messages causing the POP3 connection to restart
- Fixed: Proxy server doesn't generate links to parent folder on when browsing FTP server content
- Fixed: Kerio Control consumed 100% CPU on startup on Windows 7 x86 running on single core CPU
- Fixed: Mac OS X: VPN client connection does not pass any data due to incorrectly set broadcast address
- Fixed: Appliance Edition, Box: Joining domain failed if the domain controller address was entered manually
- Fixed: Appliance Edition, Box: It was not possible to join Kerio Control to Windows 2008 domain other than the forest root domain

Aktualisiert: 05.02.2025

**Legend:**

- + Added feature
- \* Improved/changed feature
- Bug fixed
- ! Known issue / missing feature

- 
- Fixed: Kerio Control created too many LDAP/Kerberos connections to the domain controller
  - Fixed: Appliance Edition, Box: Control failed to join domain with too many domain controllers (due to truncated DNS response)
  - Fixed: Upgrade sometimes failed due to incorrect location of the kwdriver.sys file
  - Fixed: Kerio Control did not work properly if it was installed in a path with national characters
  - Fixed: Kerio Control sometimes failed to authenticate Active Directory user
  - Fixed: Kerio Control Administration: it was possible to configure invalid port interval in IPS properties which caused that IPS engine failed to start
  - Fixed: SSL-VPN failed to display network content - infinite 'Loading...'
  - Fixed: Kerio Control Administration: Unable to use @ symbol in user name field when creating a PPPoE connection
  - Fixed: Kerio Control Administration: Unable to set link bandwidth 0 in connectivity type Load balancing
  - Fixed: Kerio Control Administration: Unable to use domain\user to authenticate on parent proxy host
- 

**Version 7.1.0 Patch 2 - December 21, 2010**

- fixed handling of connections through the Dial-In interface (Windows)
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**Version 7.1.0 Patch 1 - December 20, 2010**

- HTTP cache security vulnerability fixed
- 

**Version 7.1.0 - November 30, 2010**

- \* Connectivity warnings will protect you before disconnecting from server while changing configuration
- \* Configuration assistant - most useful configuration tools at one place
- \* Connectivity and Traffic Policy can be configured easily with wizard
- \* Activation wizard will assist you to activate all purchased features
- \* Context help
- \* Interfaces and Policy rules can be configured easily using drag&drop
- \* Support for Parallels in virtual appliance
- \* System Health - overview and manage system resources
- \* System Tasks - restart/shutdown system (Appliance Edition only)
- \* Control 7.0 should be used to upgrade correctly from versions older than 6.7.0 final
- \* Kerio Control Administration - transition from Qt to web-based administration has been finished
- \* User can override MTU on Appliance Edition
- \* Advanced PPP parameters in Appliance Edition
- \* Possibility to edit server name on Windows has been restored
- \* Status of interfaces is updated repeatedly in Web Administration
- \* Links to export and import have been moved to the Configuration Assistant in Web Administration
- \* Background colors used in Policy screens have been improved in Web Administration
- \* After trial expiration, the product does not stop completely. It is possible to login and register a license or upload a license file.
- \* GUI completely localized to all supported languages
- \* ClamAV 0.94 and Visnetic antivirus plugins have been completely replaced by Sophos
- \* Redirection target in HTTP rule is now implicitly allowed by HTTP policy
- \* Dial on Demand is not supported in Appliance Edition
- \* Fixed: Redirection by HTTP Policy: implicitly allow redirection target
- \* Fixed: Kerio Control VMware Virtual Appliance hangs on 1st boot
- \* Fixed: Authentication against Windows 2008 Server R2 fail
- \* Fixed: UPnP multicast TTL problem on Windows with RRAS service enabled
- \* Fixed: Malformed UTF-8 characters with diacritics
- \* Fixed: Terminal server users cannot unlock URL rules, the Unlock button is missing
- \* Fixed: Web Filter: Potential security vulnerability

Aktualisiert: 05.02.2025

**Legend:**

- + **Added feature**
  - \* **Improved/changed feature**
  - **Bug fixed**
  - ! **Known issue / missing feature**
- 

- \* Fixed: Timeout during network adapter installation (error 28201, result 0x800705B4)
  - \* Fixed: Crash caused by improper handling of changed IP address group in configuration
  - \* Fixed: Possible crash when exiting HTTP Proxy service
  - \* Fixed: Some services are not started correctly when two NICs are bridged to the same physical interface in Appliance Edition
  - \* Fixed: On some systems it is possible that Internet interface is treated as local/other interface
  - \* Fixed: Several issues in Logs
  - \* Fixed: Progress bar jumps semi-randomly when downloading Sophos updates
  - \* Fixed: SSL secured interfaces cannot start when corrupted certificate/key pair is used
  - \* Fixed: Netfilter is in conflict with MS Load balancing driver/feature
  - \* Fixed: System Health: size of RAM bigger than 4GB displayed incorrectly
  - \* Fixed: Problem with availability detection
  - \* Fixed: DHCP server is able to assign obviously incorrect address
  - \* Fixed: Sophos reported "Check failed" for PDF mail attachment
  - \* Fixed: Editing rule name in traffic policy is unusably slow
  - \* Fixed: design broken by new localizations
  - \* Fixed: many minor issues
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**Version 7.0.2 - November 9, 2010**

- Fixed: Appliance: User authentication against Microsoft Windows 2008 Server R2 can fail with error NT\_STATUS\_PIPE\_DISCONNECTED
  - Fixed: Appliance: Fragmented packets can get corrupted when forwarded between interfaces with different MTUs
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**Version 7.0.1 - August 4, 2010**

- + VPN: Added workaround for devices with MTU fragmentation problems causing VPN dropouts (Zyxel ADSL modems)
  - Fixed: IPS failed to load rules when installed in path with long filenames on filesystem with disabled 8.3 names creation (Windows Server 2008 R2)
  - + Added support for intermediate SSL certificates
  - + Re-added option to allow non-secure access to Web Interface
  - Fixed: Dynamic DNS client could cause crash under certain circumstances
  - + Software Appliance: Added support for Broadcom (R) NetXtreme II NICs
  - \* Software Appliance: It is now possible to use '@' in username for PPPoE connection
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**Version 7.0.0 - June 1, 2010**

- + New Intrusion Prevention System (IPS/IDS)
- + Added MAC Filter
- + Multiple IP addresses on an adapter
- \* License counting and policy changed
- \* Rebranding
- + DHCP scopes autoconfiguration (only available in the Kerio Control Administration web interface)
- \* McAfee Antivirus engine replaced by the new Sophos engine
- + VMware Virtual Appliance available in OVF format
- + Kerio Control Software Appliance: Added SCSI HDD drivers
- + Kerio Control Software Appliance: Added E100 network drivers
- + Kerio Control Software Appliance: Fixed 'winroute blocked for more than 120 seconds' error
- + Kerio Control Administration web interface: DHCP screen added
- + Kerio Control Administration web interface: Advanced Options screen added
- + Kerio Control Administration web interface: Logs viewer added
- Kerio Control Administration web interface: Fixed: Cannot set 0 MB/s as link bandwidth
- Kerio Control Administration web interface: Various design improvements and minor bug fixes

Aktualisiert: 05.02.2025

**Legend:**

- + **Added feature**
  - \* **Improved/changed feature**
  - **Bug fixed**
  - ! **Known issue / missing feature**
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- + Kerio Administration Console: added link to WebFilter recategorization page
  - Fixed: DNS forwarder does not work when WAN IP has been changed
  - VPN Client for Mac: Fixed DNS problems on Snow Leopard
  - VPN Client for Mac: Fixed: It was not possible to use some strong passwords
  - \* Slovak localization was removed from administration interfaces
  - \* Syslog: User cannot change Facility and Severity. These values are reset to Kerio defaults on upgrade. Check warning log after upgrade
  - \* User cannot change paths to Control internal directories. These values are reset to Kerio defaults on upgrade. Check warning log after upgrade
  - \* User cannot change paths to RAS before/after dial scripts. Kerio defined script names are used. Check warning log after upgrade
  - Software Appliance: Fixed: Ctrl-C in Kerio Console can terminate Kerio Control
  - Administration Console: Fixed: VPN IP Pool Dump crashes engine
  - StaR: Fixed: Activity log was off by several hours in some time zones
  - Fixed: Kerio Web Filter sometimes failed to categorize long URLs
  - Fixed: NTLM authentication does not work if user name contains national characters
  - Fixed: Random crash in login to Kerio Control Administration
  - Added workaround in HTTP inspector for HTTP servers violating RFC by terminating headers with '0a 0a' (<https://www.katasterportal.sk>)
  - Fixed potential crash in communication with Domain Controller over LDAP
  - Fixed potential memory corruption in HTTP protocol inspector
  - Fixed: Kerio Control Software Appliance can crash if a lot of (20) IP addresses are configured on an interface
  - Fixed: Kerio Control Software Appliance can crash if Safari browser authenticates using NTLM
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