

Information for

LANCOM Management System (LCMS) Version 8.50 RU4

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1. Preface

LCMS, consisting of LANconfig and LANmonitor, serves for the administration of all Wireless LAN Access Points and Routers. The at a time latest versions are available for all LANCOM products. You can download it for free at <http://www.lancom-systems.com>

This document describes the innovations within version 8.50 RU4, as well as the modifications since version 8.00.

Note

LCMS supports Windows XP, Windows Vista, Windows 7, Windows 2003 Server and Windows 2008 Server (all 32- and 64-bit versions).

As from version 8.50 the paths for user data and application data have changed.

In Windows XP and Windows 2003 Server you will find user data under \Documents and Settings\USER\Application Data\LANCOM\ and the application files under \Documents and Settings\All Users\Application Data\LANCOM\.

For Windows Vista and Windows 2008 Server you will find user data under \Users\USER\AppData\Roaming\LANCOM\ and the application files under \ProgramData\LANCOM\.

When upgrading to version 8.50 or newer existing user data and application data are moved to the corresponding folders.

2. New Features, Changes and History

LANconfig changes 8.50.0080 RU3 ► 8.50.0082 RU4 LANmonitor changes 8.50.0035 RU3 ► 8.50.0036 RU4

Bugfixes / Changes:

LANconfig:

- Prepared support for future devices

(W)LANmonitor:

- Prepared support for future devices

LANconfig changes 8.50.0074 RU2 ► 8.50.0080 RU3 LANmonitor changes 8.50.0033 RU1 ► 8.50.0035 RU3

Bugfixes / Changes:

LANconfig:

- Serial LCOS upload works again for a LANCOM 1781A-3G
- Improved automatic network mask calculation
- Configurable maximum size for the Public Spot station table

(W)LANmonitor:

- No refresh necessary for displaying the QoS branch on a LANCOM 1681V
- If a new accesspoint authenticates at the WLAN controller, the branch „New APs“ can be expanded without prior refresh
- WLANmonitor causes no application hang if it was invoked by LANconfig and no password was stored for the monitored WLAN device in the device properties
- Corrected D-channel protocol display

LANconfig changes 8.50.0071 RU1 ► 8.50.0074 RU2

Bugfixes / Changes:

LANconfig:

- Internet wizard support for configuring PPPoA and IPoA on a LANCOM 1781 with built-in ADSL modem
- The automatic application update does not lead to restart messages if LANconfig is not closed while updating

LANconfig changes 8.50.0044 Release ▶ 8.50.0071 RU1
LANmonitor changes 8.50.0025 Release ▶ 8.50.0033 RU1

Bugfixes / Changes:

LANconfig:

- Merged selection dialogs for Auto- and LCOS update
- Fixed an application crash which occurred from time to time when configuring the firewall
- For LANCOM 1681V the „Private Mode“ for the ethernet ports can be configured again
- Reworked default settings for COM-Port Server
- No more default activation of IPsec compression in automatically generated INI files for the LANCOM Advanced VPN Client
- Reworked default settings when saving a configuration script
- Configurable PPTP source check in LANconfig
- Error message if a firewall object points to a non-existing network/remote station
- If the device password is not changed within the „Check Security Settings“ wizard, there is no warning hint for no password
- Corrected markers for Quickfinder results
- New LANconfig table for adding MAC addresses of devices which should be able to register to a Public Spot without logging in
- Adapted DynDNS wizard for DynDNS provider www.no-ip.com
- Corrected number of logical interfaces for IAP-321-3G and OAP-321-3G
- The table „Free Networks“ in the Public Spot module is no longer limited to 32 entries
- The amount of configurable IKE keys is no longer limited

(W)LANmonitor:

- LANmonitor monitors the input voltage of devices which use a wide-range power supply
- Fixed an application crash which could occur when scrolling in huge lists

LANconfig changes 8.50.0040 RC3 ▶ 8.50.0044 Release
LANmonitor changes 8.50.0020 RC3 ▶ 8.50.0025 Release

Bugfixes / Changes

LANconfig:

- Device options are displayed correctly, even if the device is connected to the serial port
- The ISDN interface of the LANCOM 1681V and the LANCOM 1751 UMTS can be configured via outband
- The device location can be configured via outband again

(W)LANmonitor:

- When updating the application all existing LANCOM devices are preserved
- The trace module uses the configured default path for saving tracedata again
- The filename suggested by the trace module for saving tracedata includes the device name again
- If a device was stored in LANconfig with deposited password, access data is not prompted again if a second trace window is opened

LANconfig changes 8.50.0026 RC2 ► 8.50.0040 RC3
LANmonitor changes 8.50.0009 RC2 ► 8.50.0020 RC3

Bugfixes / Changes

LANconfig:

- OCSP can be activated for single VPN remote stations
- The field „Remote station“ is displayed again under TCP/IP -> DNS -> Forwarding
- A device reboot via LANconfig is possible, even if the command line language is set to german
- Corrected interface configuration for the WLC4025
- No more LANconfig freezes when editing a firewall rule which uses the same object twice
- A specified port (e.g. for HTTPs) in the device properties is committed to the browser
- A central .INI file can be specified for 64Bit systems
- The amount of configurable IKE keys is no longer restricted
- Interface selection in the VLAN table works with LCOS < 8.50 RC2, too
- The RADIUS server for the Public Spot module is offered for configuration on LANCOMs 1711+ and 1721+
- The automatic LANconfig application update can be used now
- The manual search for updates uses the option menu presets
- After finishing the installation, LANconfig can be started automatically, if desired
- If an external application (e.g. Telnet) cannot be started, the user obtains explicit help
- Input dialogs are sorted to prevent erroneous selection of similar names
- Corrected internet wizard for foreign VDSL access
- An already existing default route from the internet wizard can be maintained even for PPTP internet access
- Enhanced prefix selection for T-DSL Business lines in the internet wizard
- Devices with telnet value „screen height“ set to „0“ are configurable via LANconfig serial connection again
- If there is no up-to-date image list in LANconfig for LCOS switching, a menu entry will be offered for updating

(W)LANmonitor:

- After finishing the installation, LANmonitor can be started automatically, if desired
- Reworked icons for saving trace data
- The available memory on a USB stick is shown correctly

LANconfig changes 8.50.0016 RC1 ► 8.50.0026 RC2
LANmonitor changes 8.50.0005 RC1 ► 8.50.0009 RC2

New Features:

LANconfig:

- OCSP configurable via LANconfig
- Configurable time zone via Basic Setup Wizard

Bugfixes / Changes

LANconfig:

- Configurable PublicSpot option for devices LANCOM 1711+, 1721+, 7100 and 9100 via LANconfig
- Improved context help display
- Improved QuickFinder search functionality
- FQDN resolution can be re-initialized on demand
- Configurable DiffServ labelling for data packets via LANconfig
- Improved firmware selection for the software updater

(W)LANmonitor:

- Support configuration file can be saved completely again
- A trace can be generated on devices with older LCOS version, too

LANconfig changes 8.00.0081 RU2 ► 8.50.0016 RC1
LANmonitor changes 8.00.0045 RU2 ► 8.50.0005 RC1

New Features:

LANconfig:

- Check for support for the current OS when installing
- Added a full-text search for devices and parameters
- Added a search for descriptions, values and units within a configuration file
- LANconfig can search for software updates online with subsequent installation
- The trace module can be invoked directly from LANconfig
- UMTS wizard support for configuring irish UMTS providers

(W)LANmonitor:

- Check for support for the current OS when installing
- Added a full-text search for devices and parameters

Bugfixes / Changes

LANconfig:

- The APN input field is shown completely in the Internet wizard
- The position of a configuration error can be displayed by LANconfig even if the password has changed
- If VPN-RAS access is configured by wizard (no 1-click), an automatically generated preshared key is exported to the configuration file completely
- Internet Wizard: Dutch providers can be selected from within the correct country profile
- In offline configurations, login pages for Public Spot devices are no longer initialized by „/“
- Corrected configuration for firewall QoS flag “DiffServ-CP”
- Function „Update all devices with firmware“ is no longer restricted to the current view

(W)LANmonitor:

- Using a „read only“ admin account, trace data which is generated by the trace module can be saved to disc
- A domain user can save trace data from the trace module even if he has no write access in all folders
- If an access point is operated in client mode, WLAN connection details are displayed in LANmonitor