

FR114W ProSafe Firewall Version 1.5 Release 14

This note describes enhancements and bug fixes incorporated in the release software version 1.5 Release 14. The enhancements and fixes are those added since software release version 1.4 Release 26.

NOTE: If upgrading from a version older than v1.3, you must first upgrade to v1.3, then to this release.

NOTE: You **MUST** clear the configuration **after upgrading** (either by using the default button on the rear panel or the Erase button in the Backup Settings menu) and re-enter your configuration information manually.

New Features Overview

Release version 1.5r12

- DynDNS auto updates after 28 days with no address change.
- In email page, can now send email notification of WAN IP change.

Release version 1.5r09

- Support for Mail Servers Requiring Authentication.
- Support for Additional Dynamic DNS Providers.
[TZO.com and Oray (China) services added].
- Support for PPPoE with static IP address.

Modifications and Bug Fixes

Release version 1.5r14

1. Fixed firmware upgrade problem with previous version.
2. Updated ICQ gateway to avoid AOL issue.
3. Fixed performance issues.
4. Fixed NTP domain issue.
5. Fixed the issue: Always fail to enter management page when ngddns retry.
6. Add DYNDNS retry function .

Release version 1.5r13

1. Fixed bug in saving of some settings to config file.
2. Fixed "Apply" button issue.
3. Now hides ngDDNS (Oray) password.
4. Allow ending port to be blank when setting port range for single port.
5. Setup Wizard now checks PPPOE before DHCP.

Release version 1.5r12

1. Fixed UI error when setting Lan IP
2. Fixed DNS proxy issue
3. Fixed DHCP range issue
4. Remove the check for LAN DHCP range
5. Fixed time loss issue - NTP now updates every 2 hours
6. Now supports NTP server name, not just raw IP, for user-defined server
7. Modified ngDDNS (Oray) UI, changed retry algorithm

8. Use random port when connecting to DDNS
9. Add DDNS status page and show ngDDNS update log
10. Send email when log full, but don't send when select email-none
11. Added DHCP server address on the WAN status page when wan is DHCP client
12. Added DHCP lease time on WAN status page when WAN is DHCP client
13. Add DNS server listed on WAN status page when WAN is DHCP client
14. Fixed the issue when the WAN gateway is same IP address as LAN (DSL modem)

Release version 1.5r09

1. Added DHCP server address, DHCP lease time, DNS server address on the WAN status page when WAN connection is DHCP.
2. Fixed slow GUI response when UPnP enabled.
3. Fixed issue when LAN interface and modem have same IP address.

Release version 1.5r08

1. Outbound rule now supports wan ip ending in 255.
2. Added UPnP in LAN IP Help page.
3. Email page: if uncheck My Mail Server requires authentication.
4. Improved UPnP on DMZ port (DirectX 5 issue).
5. Fixed CUSeeMe firewall issue.
6. Support for PPPoE with static IP.
7. Change TCP flood check number to 50 (was 30).
8. Fixed: When adding predefined IRC rule, sometimes said "Same port cannot be mapped twice".

Beta version 1.5r07

1. Fixed bugs in ngDDNS (Oray DDNS service).
2. When adding an inbound rule with Block Always, LAN Server IP is now disabled.
3. Supports DHCP Force Renew.
4. Improved: Block TCP Flood.
5. Associate DHCP table with PC database.
6. Changing Idle Timeout no longer requires re-login .
7. Add default route in routing table .
8. Diagnostic menu now works with Safari browser.
9. Fixed: Keyword block log format contained duplicated timestamp.
10. Fixed: Rules can't be restored from backup config file (Old config files can't be used in this version).
11. Fixed: FTP passive mode didn't work well with short scripts.
12. Fixed: Large attachment issues with PPTP service in Austria.
13. Fixed: Browsing during heavy TCP SYN packets.
14. Supports 32 MAC addresses in wireless access control list (was 20).
15. Diagnostics menu can now ping an IP address ending with 255.
16. Fixed: Restoring config did not accurately reload the services table.
17. Sends NTP request when WAN IP changes.
18. Fixed: When TCP server and TCP client close the session simultaneously, "ack" the fin packet correctly.

Beta version 1506

1. Fixed: DNS cache caused LAN PC to get old IP for updated domain name.
2. Fixed: when "log always" selected, device only record the first policy's matching result.
3. Fixed: device getting time log will display duplicated week-day.
4. Fixed: when "NONE" selected on log email send page, log still sent when log is full.
5. Fixed: device records all packets even if "all incoming/outgoing" are not selected.
6. Fixed: MSN file transfer fail between v5 & v6.
7. Fixed: User defined MTU cannot be saved.
8. Fixed: change password will get a "login fail, password error" log.
9. Add check that user defined service name should not contain "()"&" characters.
10. Improve upgrade code.
11. Fixed: if refresh a website several times, device will think it is an attack and will block this PC.
12. Fixed: NULL URL will cause device hangup.
13. Fixed: if ping packet length longer than 1199 will get "request time out".

Resolving Known Issues

- Logging is very verbose by default. As this may affect performance, you may want to turn off logging of items that are not of interest to you.

Upgrading to the New Software

NOTE: You **MUST clear the configuration **after upgrading** (either by using the default button on the rear panel or the Erase button in the Backup Settings menu) and re-enter your configuration information manually. Please write down all of your configuration information before upgrading.**

You can upgrade by using the Web interface Router Upgrade menu.

1. Download and unzip the link below to a convenient location such as your desktop.
2. Using a browser, login to the router as **admin**.
3. Under **Maintenance**, click **Router Upgrade**.
4. Click **Browse** and locate the upgrade file **fr114w_1514.img**.
5. Click **Upload**.
6. Wait for the router to reboot and the TEST LED to turn off.
7. Under **Maintenance**, click **Settings Backup**, then click **Erase**.
8. Wait for the router to reboot.
9. Manually enter your configuration information.

If problems occur after upgrading, press the rear panel pushbutton for at least 10 seconds, then release. Allow the router to reboot, then reconfigure.