

CatonXchange 1.1.5 Release Notes - V1.1.5

Associated with Software Version **1.1.5.315 (188 Byte ASI)**

Associated with Software Version **1.1.5.157 (204 Byte ASI)**

With **FPGA 3.9** update

Compatible with all version of CatonXchange shipped



Introduction

This firmware and software update is a major new feature general release for CatonXchange.

Please read the instruction of update and user manual for detailed information about features and configuration.

This document is related with the program system and covers specific aspects of the firmware and software releases. This release notes do not reflect all changes between software versions. Minor changes and usage improvements in the web UI may not be shown.

About this release

Release Type	General Release to public and apply to all shipped version of CatonXchange
Release Name	CatonXchange 1.1.5
Release Files Name	(188 Byte ASI) CatonXchange-1.1.5.315-sw.patch and CatonXchange-3.9.1-fw.rbf (204 Byte ASI) CatonXchange-1.1.5.157-sw.patch and CatonXchange-3.9.1-fw.rbf
SW Version	1.1.3.315-20210121
FPGA Version	FPGA 3.9
Release Date	1st April 2021
Web UI	Recommended Google Chrome, Firefox, Safari, other browser might work but functionality cannot be guaranteed.

New Features

R2TP Library - Updated R2TP to version 3.2.119, compatible with latest Caton Relay Server, Network Management Systems and SMIP-Plus for IVP-3000

SRT supported - Added SRT Caller and Listener support in input and SRT Listener for output option, please contact support@catontechnology.com for license enable.

Whitelist IP connection for management - added IP control list, this only support for newly ship units from factory.

Enhancement

NTP - able to save NTP settings after reboot

Bandwidth control settings - able to save settings after reboot

Known Issues

TS Monitor - Current release version is very specific use and we are continue to improve and adjust parameters. TS_sync_loss and TS_byte_error only set off when ASI cable physically removed, but other items are display correctly when TS has been interrupted, such as Continues_count_error. To stop the TS Monitor for current stream, has to delete the stream by stopping it.

RTMP Push - support up to 7mbps pushing to CDNs.

All the above known issue has been schedule for future firmware and software enhancement.

Update consideration

- Caton recommends a factory reset under the Advanced menu prior to updating firmware.
- Before proceed to firmware or software update, CatonXchange will required reboot and stopping all the active stream. Do not attempt any firmware or software update while transmission is in progress, be sure CatonXchange is in the stopped mode before performing an update.
- When the firmware or software being update, it will take about few minutes, the web browser will lose its connection. A refresh of the web browser will reconnect the web UI.
- There is no order when updating firmware and software, just make sure update both one by one.
- Do not interrupt the power while being update on both firmware and software.

Technical support

Caton technical support will answer and resolve issues for your CatonXchange.

Email: support@catontechnology.com