



Sencore AFN Contribution Encode, Decode & Processing Platform

Product Release Notes
Maintenance Release v5.5.1

Copyright

© 2026 Sencore, Inc. All rights reserved.
3820 N. Potsdam Avenue, Sioux Falls, SD 57104, USA
www.sencore.com

This publication contains confidential, proprietary, and trade secret information. No part of this document may be copied, photocopied, reproduced, translated, or reduced to any machine-readable or electronic format without prior written permission from Sencore. Information in this document is subject to change without notice and Sencore Inc. assumes no responsibility or liability for any errors or inaccuracies. Sencore, Sencore Inc, and the Sencore logo are trademarks or registered trademarks in the United States and other countries. All other products or services mentioned in this document are identified by the trademarks, service marks, or product names as designated by the companies who market those products. Inquiries should be made directly to those companies. This document may also have links to third-party web pages that are beyond the control of Sencore. The presence of such links does not imply that Sencore endorses or recommends the content on those pages. Sencore acknowledges the use of third-party open-source software and licenses in some Sencore products. This freely available source code can be obtained by contacting Sencore Inc.

About Sencore

Sencore is an engineering leader in the development of high-quality signal transmission solutions for the broadcast, cable, satellite, IPTV, and telecommunications markets. The company's world-class portfolio includes video delivery products, system monitoring and analysis solutions, and test and measurement equipment, all designed to support system interoperability and backed by best-in-class customer support. Sencore products meet the rapidly changing needs of modern media by ensuring the efficient delivery of high-quality video from the source to the home. More information about Sencore is available at the company's website, www.sencore.com.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

Revision History

Date (MM/DD/YYYY)	Version	Description	Author
09/12/2024	1.0	5.0.0 Initial Release	SJR
11/19/2024	1.1	5.1.0 Feature Release	SJR
01/10/2025	1.2	5.2.0 Feature Release	SJR
06/20/2025	1.3	5.3.0 Feature Release	SJR
10/06/2025	1.4	5.4.0 Feature Release	FBJ
12/22/2025	1.5	5.5.0 Feature Release	JKS
08/27/2026	1.6	5.5.1 Maintenance Release	SJR

Table of Contents

Maintenance Release 5.5.1	5
Feature Release 5.5.0	6
What's New in v5.5.0	6
Feature Release 5.4.0	7
What's New in v5.4.0	7
Feature Release 5.3.0	8
What's New in v5.3.0	8
Feature Release 5.2.0	9
What's New in v5.2.0	9
Feature Release 5.1.0	10
What's New in v5.1.0	10
Initial Release 5.0.0	11

Maintenance Release 5.5.1

The 5.5.1 release is a maintenance release of Sencore AFN, a contribution encode, decode & processing platform. 5.5.1 obsoletes any beta and release candidate builds that were previously provided.

Supported Hardware

AFN-1000/250, AFN-VEC0301-0600, AFN-VEC0301-0610, AFN-VEC0301-0501, AFN-VDC0301-0600, AFN-VDC0301-0501, AFN-TMC0100-0100, AFN-TMC0100-0400, AFN-TMC0100-0600

Update Information

Current Release File Name:	afiniti-5_5_1.nfcms.tgz
Release Number:	5.5.1
Release Branch:	5.5.X

Resolved Issues

AFENC-338 – Updated SRT library to version 1.5.6 to address CVE-2026-55868 and CVE-2026-55869

Feature Release 5.5.0

The 5.5.0 release is a feature release of Sencore AFN, a contribution encode, decode & processing platform. 5.5.0 obsoletes any beta and release candidate builds that were previously provided.

What's New in v5.5.0

- FIPS Compliant SRT Encryption and Decryption

Note: *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features unless otherwise mentioned.*

Supported Hardware

AFN-1000/250, AFN-VEC0301-0600, AFN-VEC0301-0610, AFN-VEC0301-0501, AFN-VDC0301-0600, AFN-VDC0301-0501, AFN-TMC0100-0100, AFN-TMC0100-0400, AFN-TMC0100-0600

Update Information

Current Release File Name:	afiniti-5_5_0.nfcms.tgz
Release Number:	5.5.0
Release Branch:	5.5.X

Resolved Issues

- AFENC-234 – IP input allows a duplicate MPEG/IP destination IP address and port to be entered
- AFENC-286 – Changing service on decoder module will interrupt decoding on other decoder modules within the same chassis
- AFENC-287 – Signal interruption on input causes decoder to reset which is not decoding a channel from the interrupted input stream
- AFENC-292 – GUI incorrectly shows 4 encoders in HEVC-ULL mode
- AFENC-302 – BISS-CA uploaded key files are not displayed in the Encryption tab of the GUI

Feature Release 5.4.0

The 5.4.0 release is a feature release of Sencore AFN, a contribution encode, decode & processing platform. 5.4.0 obsoletes any beta and release candidate builds that were previously provided.

What's New in v5.4.0

- Dual-Mono Audio Encoding
- Increased Maximum BISS-CA Entitled Receivers from 800 to 2500
- SMPTE 2022-7 IP Output

Note: *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features unless otherwise mentioned.*

Supported Hardware

AFN-1000/250, AFN-VEC0301-0600, AFN-VEC0301-0610, AFN-VEC0301-0501, AFN-VDC0301-0600, AFN-VDC0301-0501, AFN-TMC0100-0100, AFN-TMC0100-0400, AFN-TMC0100-0600

Update Information

Current Release File Name:	afiniti-5_4_0.nfcms.tgz
Release Number:	5.4.0
Release Branch:	5.4.X

Resolved Issues

- AFENC-251 – No MPEG1L2 license would lead to audio codec configuration change when device was restarted
- AFENC-254 – When no TTL value was specified during IP output configuration, it would default to 7
- AFENC-256 – In MPEG-2 mode, selecting 1080p59.94 as the fault output resolution appeared valid but was not saved due to unsupported format
- AFENC-257 – In MPEG-2 mode, the card enters Fault Mode when receiving a 1080p59.94 stream, even though the UI indicates normal operation
- AFENC-265 – Applying a profile would change settings in the setting tab
- AFENC-282 – When turning on the setting “Share Services with All Outputs” the decoder module would disappear from Web UI
- AFENC-295 – When encoding HEVC-ULL the encoder module wouldn't include the PAT/PMT tables in the output transport stream

Feature Release 5.3.0

The 5.3.0 release is a feature release of Sencore AFN, a contribution encode, decode & processing platform. 5.3.0 obsoletes any beta and release candidate builds that were previously provided.

What's New in v5.3.0

- Increased the maximum AAC audio pairs supported per module. Refer to datasheet for specifications
- ASI Output Byte Mode
- Dolby Digital, Dolby Digital Plus, and Dolby-E Passthrough
- Added support for stopping IP SPTS output upon SDI signal loss when the Encoding Fault mode is set to "Stop Encoding"

Note: *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features unless otherwise mentioned.*

Supported Hardware

AFN-1000/250, AFN-VEC0301-0600, AFN-VEC0301-0610, AFN-VEC0301-0501, AFN-VDC0301-0600, AFN-VDC0301-0501, AFN-TMC0100-0100, AFN-TMC0100-0400, AFN-TMC0100-0600

Update Information

Current Release File Name:	afiniti-5_3_0.nfcms.tgz
Release Number:	5.3.0
Release Branch:	5.3.X

Resolved Issues

- AFENC-214 – SNMP community names could not be disabled
- AFENC-217 – Password would revert to default after power cycle
- AFENC-242 – OpenSSH updated to version 10.0p2 to resolve CVE-2025-26465, CVE-2025-26466

Feature Release 5.2.0

The 5.2.0 release is a feature release of Sencore AFN, a contribution encode, decode & processing platform. 5.2.0 obsoletes any beta and release candidate builds that were previously provided.

What's New in v5.2.0

- Added support for configuration profiles

Note: *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features unless otherwise mentioned.*

Supported Hardware

AFN-1000/250, AFN-VEC0301-0600, AFN-VEC0301-0501, AFN-VDC0301-0600, AFN-VEC0301-0610, AFN-VDC0301-0501, AFN-TMC0100-0100, AFN-TMC0100-0400, AFN-TMC0100-0600

Update Information

Current Release File Name:	afiniti-5_2_0.nfcms.tgz
Release Number:	5.2.0
Release Branch:	5.2.X

Resolved Issues

- No bug fixes in this release

Feature Release 5.1.0

The 5.1.0 release is a feature release of Sencore AFN, a contribution encode, decode & processing platform. 5.1.0 obsoletes any beta and release candidate builds that were previously provided.

What's New in v5.1.0

- AFN-VEC0301-0610 12G-SDI encoder input Supporting up to 4K UHD resolution at 4:2:2 10-bit
- HTTPS support for enhanced privacy and protection

Note: *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features unless otherwise mentioned.*

Supported Hardware

AFN-1000/250, AFN-VEC0301-0600, AFN-VEC0301-0501, AFN-VDC0301-0600, AFN-VEC0301-0610, AFN-VDC0301-0501, AFN-TMC0100-0100, AFN-TMC0100-0400, AFN-TMC0100-0600

Update Information

Current Release File Name:	afiniti-5_1_0.nfcms.tgz
Release Number:	5.1.0
Release Branch:	5.1.X

Resolved Issues

- No bug fixes in this release

Initial Release 5.0.0

The 5.0.0 release is the initial release of Sencore AFN, a contribution encode, decode & processing platform. 5.0.0 obsoletes any beta and release candidate builds that were previously provided.

New Features in 5.0.0

- Black raster option for encoder input loss

IMPORTANT NOTES

- **When updating to 5.0.x from older version, the current licenses will no longer be active. Prior to updating take screen captures of your module serial number(s) and licenses and email ProCare@sencore.com for new Sencore branded licenses. The Sencore license(s) can be applied after the update is completed to 5.0.x**
- **With the change to Sencore branding in the 5.0.0 release, the web GUI credentials will change to:**
Username: admin
Password: mpeg101

Note: *New unlicensed features that were added will automatically appear and be available in the user interfaces. No additional licenses need to be purchased to support these features unless otherwise mentioned.*

Supported Hardware

AFN-1000/250, AFN-VEC0301-0600, AFN-VEC0301-0501, AFN-VDC0301-0600, AFN-VDC0301-0501, AFN-TMC0100-0100, AFN-TMC0100-0400, AFN-TMC0100-0600

Update Information

Current Release File Name:	afiniti-5_0_0.nfcms.tgz
Release Number:	5.0.0
Release Branch:	5.0.X

Resolved Issues

- | | |
|-----------|--|
| AFENC-11 | - Encode support up to 16 kHz MPEG-1 Layer 2 audio |
| AFENC-59 | - RTP timestamp freeze after encoding over 14 hours |
| AFENC-114 | - Fixed audio decode and output audio sample repetition cause by network impairments |
| AFENC-147 | - Audio mutes, skips on decoded output with provided streams |

