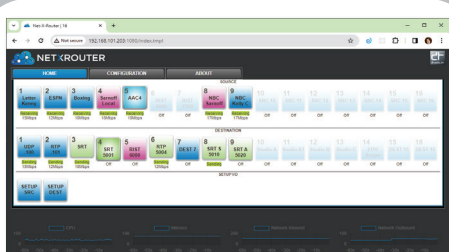# Net-X-Code Server

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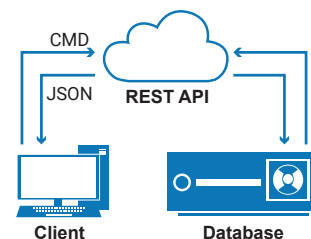
Multichannel Ingest and Transcode

Editor integration

Direct check-in to Interplay for Avid, with support for Avid DNxHD/HQ formats. Adobe UXP Panel for advanced FlowCaster Review & Approval. Resolve and other OpenFX editors supported.

NETXROUTER

NETXROUTER provides routing for SRT, UDP, RTP, and RIST streams, with transcoding on the fly as needed, for up to 16 channels. Deploy at the end of your rack or in the cloud.

API Control

Net-X-Code Server features an HTML/REST API, so you can automate ingest, conversion, file move, QC, and many other operations. Set up your workflow and let it run.

Partial File Restore

FastClip partial file restore uses a real time index system to read only the parts of the file needed to create the new partial file. No need to look at source file tables/metadata/extra data.

eMAM Integration

eMAM media asset mangement has been fully qualified for use with Net-X-Code in a range of demanding content production environments, in North America and internationally.

HTML5 Player

Net-X-Player - Proxy files can be edited in real time and played in Drastic's pure HTML5 Net-X-Player software with full time code and multichannel playback control.
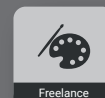
Broadcast   Production   OEM   Government   Worship   Scientific   Freelance   Medical
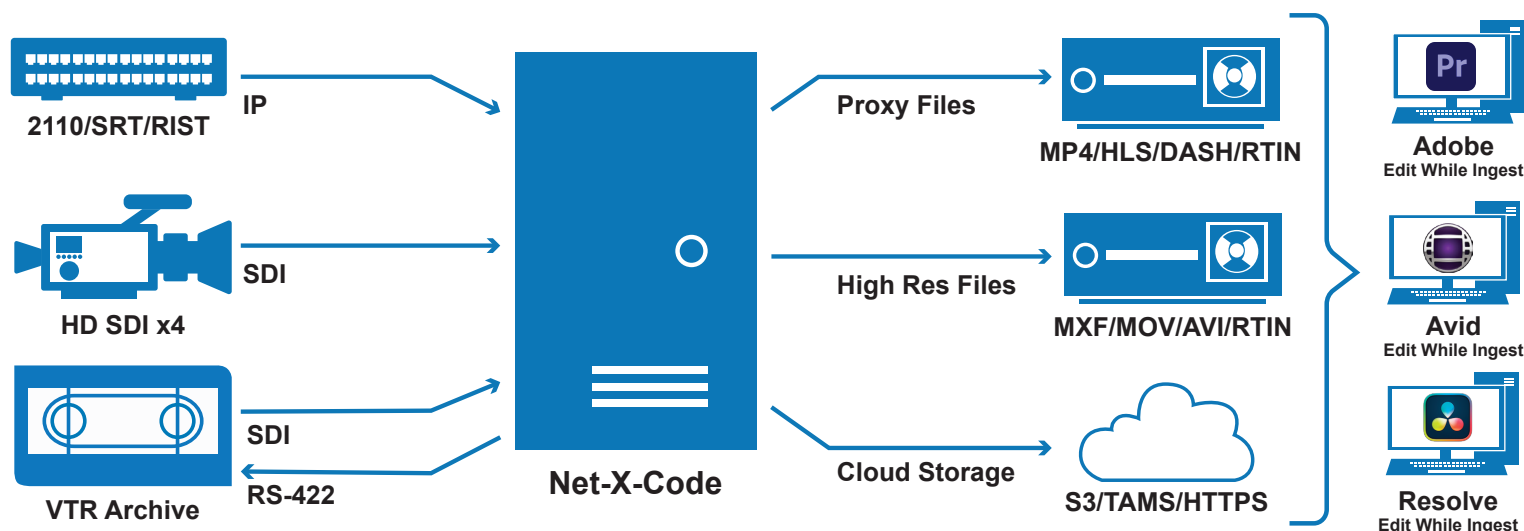
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SDI/2110/NDI/Compressed

Edit While Capture for Editors

Net-X-Code supports capturing IP and SDI directly to edit while capture formats. For Adobe workflows, these are often OpenMXF standard files with MPEG-2, AVCi, DNxHD and other editable codecs. In Avid workflows, Net-X-Code can write directly into OP-Atom or OP1a files for edit while capture, and are directly checked in to Interplay. Net-X-Code can also be used to auto-ingest card formats like P2, XAVC, XDCam, Sony Raw, IMF, DCP, AS-02 directly into Avid/Adobe with full metadata and stitching support. Net-X-Code also supports ingesting all major camera raw formats, as well as MOV, AVI, MXF, AAF, GXF, LXF, GEN, HDR, JS, MP4, YUV for file based workflows.

2110/SRT/RIST — IP
HD SDI x4 — SDI
VTR Archive — SDI / RS-422

Net-X-Code

Proxy Files → MP4/HLS/DASH/RTIN
High Res Files → MXF/MOV/AVI/RTIN
Cloud Storage → S3/TAMS/HTTPS

Adobe Edit While Ingest
Avid Edit While Ingest
Resolve Edit While Ingest

Major Cloud Architecture Support

Net-X-Code Server software supports all major cloud architectures, and can be run locally or on a VM with a Windows, Windows Server, Red Hat/CentOS or Ubuntu OS. File access can be made via standard network shares (SMB, NFS, AFS), directly to cloud storage (Amazon S3, Google Cloud), or via internet standard protocols (GCS, S3, Glacier, HTTP(S), FTP). While many cloud providers are supported, Net-X-Code is currently running on:

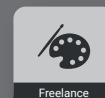Azure | Amazon S3 | IBM Cloud Object Storage | verizon | Google Cloud

Broadcast | Production | OEM | Government | Worship | Scientific | Freelance | Medical
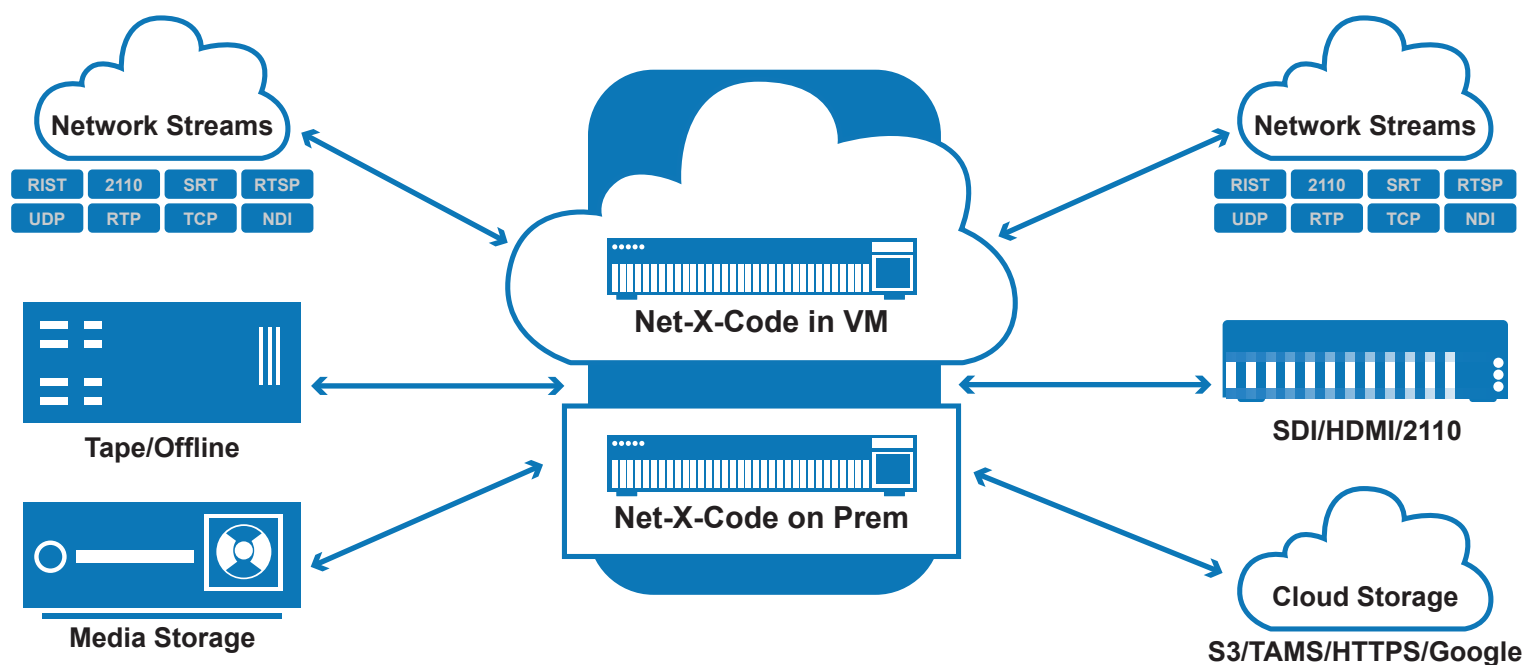
Partial File Restore and IP Streamer

FastClip Partial File Restore

FastClip partial file restore uses a real time index system to produce small pointer files to the media within broadcast or post media files to read only the parts of the file needed to create clips for editing while an event is still recording.

IP Streamer/Restreamer

Ingest SRT, UDP and RTP transport streams or RTSP UDP/TCP streams, and stream files from storage, either pre-recorded or live recording, in real time back to the network.

Network Streams

| RIST | 2110 | SRT | RTSP |
| UDP | RTP | TCP | NDI |

Network Streams

| RIST | 2110 | SRT | RTSP |
| UDP | RTP | TCP | NDI |

Net-X-Code in VM

Tape/Offline

Media Storage

Net-X-Code on Prem

SDI/HDMI/2110

Cloud Storage

S3/TAMS/HTTPS/Google

Net-X-Code Server - a Proven Solution

With hundreds of channels deployed worldwide, you can be sure Net-X-Code Server has been field tested and fully qualified. Benefit from Drastic's decades of experience with extensive file format support, custom engineering, legacy format support, and emerging standards integration. Drastic designs its products to be interoperable, and vendor agnostic, so you can work with the best of class products, in the workflow you prefer.

| Broadcast | Production | OEM | Government | Worship | Scientific | Freelance | Medical |