

# Nexio NewsCraft™

## All-in-One News & Production Management Solution

This single integrated solution streamlines news productions, enabling operators to work faster, smarter and more efficiently. Designed for rapid content creation to multiple platforms, Nexio NewsCraft delivers mission-critical workflows dependably, every time – meeting the rigorous demands of broadcasters and newsrooms globally.

Designed on the high-performance and field-tested reliability of Imagine’s Nexio® production server and IOX storage technologies, Nexio NewsCraft delivers ingest, playout and storage, seamlessly integrated with industry-standard NRCS via MOS interface, as well as leading editing software. MAM administration over the media lifecycle is provided with additional tools for media movement and automated workflows.

All operations and production contribution are remotely accessible, including ingest control, remote browse, edit and asset management.

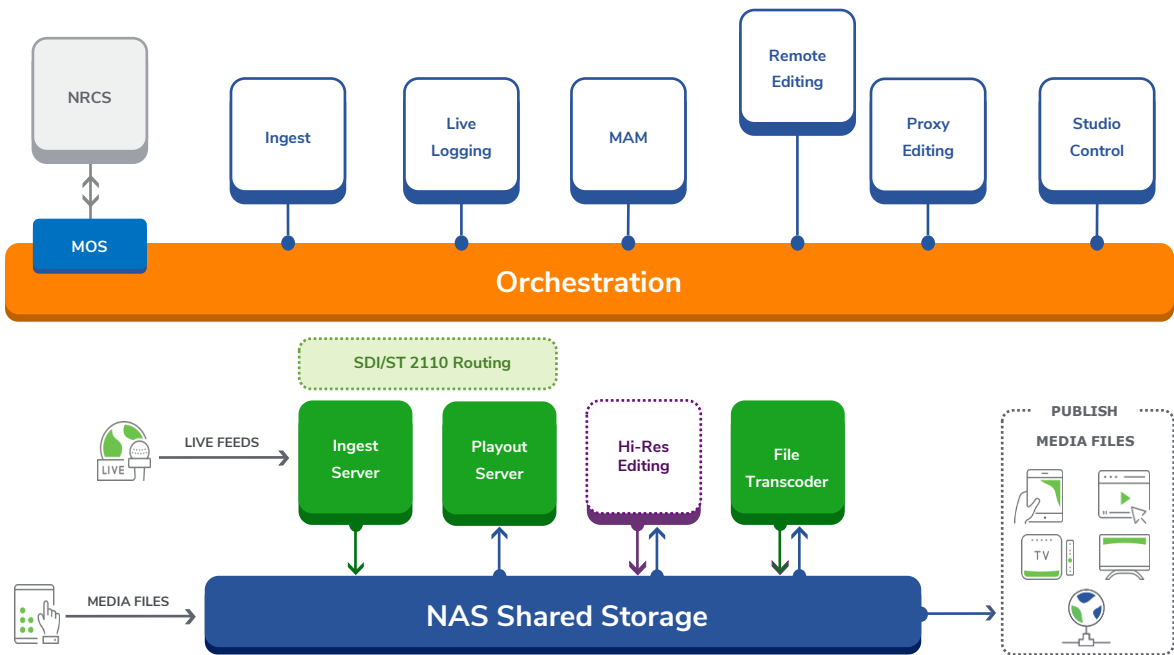
Featuring best-in-class content management with EditShare FLOW, Nexio NewsCraft leverages tight video editor integration with proxy generation giving editors the freedom to use AirFLOW, FLOW Story, Adobe Premiere Pro, Davinci Resolve, and other NLEs. MOS ID placeholders are utilized to synchronize with NRCS through browse, editing and publishing to MOS playlists.



## Key Features & Benefits

- All-in-one – All functions integrated on the same ecosystem
- Exceptional on-air reliability – No single point of failure
- Smart scalability – Expand channels and storage with no system downtime
- Efficient workflows – Minimizes human errors
- Simple deployment based on proofed bundles – Accelerates time-to-air
- Most reliable and efficient online broadcast storage – Enables shared operations
- COTS infrastructure, modern IT architecture – Future-proof, useful during migration phases
- SDI and ST 2110 hybrid environments – Smooth migration to IP workflows
- UHD-ready – Combine with HD content management
- Advanced ingest scheduler and video signal switching – Automated operations
- Optimized to work with growing files
- Flexible channel redundancy – Never miss a recording
- NRCS Integration – MOS communication with the most popular Newsroom Computer Systems
- NLE integration – FLOW Story, Adobe Premiere Pro, Davinci Resolve and others
- Supports remote production and collaboration workflows
- Includes highly customizable workflow engine and file transcoder – essential to comply with complex requirements
- Automated tasks and workflow processes, e.g., with Artificial Intelligence add-on capabilities for automated audio transcriptions
- Straightforward interaction with third parties – Integration with MOS-enabled NRCS, switchers and production control systems, MAMs, routers, multiviewers, archives, etc.
- Easy serviceability and maintenance – Worry-free operation

## Nexio NewsCraft™ Functional Modules



### NRCS Integration

- MOS Gateway enable bidirectional communication with a NRCS
- MOS Playlist controller to parse rundown info and control playback channels
- NRCS Plug-in to browse assets and create placeholders directly on the NRCS client

### Ingest

- Automate file ingest from different contribution outlets
- Ingest scheduler tool with dynamic assignment of recording ports
- Recording engine including live proxy to facilitate edit-while-record workflows

### Production Servers

- Video server ports easy to configure for the right purpose: record, playout or review
- Selection of different video standards, SDI or ST 2110
- Either standalone server with internal storage or attached to a shared NAS storage

### Shared NAS storage

- Online storage designed to work with large media files
- Enables collaborative content between different users and services

### Asset Management

- Media and project management with granular user permissions
- Metadata management with advanced search engine
- Proxy browse with content existing in multiple storages or locations

### High-Res Edit

- Optimized for Adobe Premiere with native panels for browse, render and publish
- Easy journalist edits with Flow Story
- Support for other NLEs like Davinci Resolve and more

### Proxy Edit

- Use FLOW Story to work with proxies (desktop application), switching smoothly to high-res
- Use AirFLOW for remote operations (web-based editor)
- Conform hi-res content to create new clips connecting to an NLE

### SDN Orchestration

- SDI router control, the right baseband signal to the right record port
- ST2110 orchestration, the right uncompressed video IP stream to the right record port
- Support of hybrid environments

### Media Workflows

- Automate the trigger of media workflows using any configurable criteria
- Archive and restore content, including the import/export of metadata
- Integration with 3rd-party systems such as transcoders, auto QC, transfer accelerators, etc.

### Studio Control

- MOS driven playback control; alternatively, interrupt NRCS control for manual override
- Use playlists to control multiple playback ports
- Control of recording ports

### File Transcode

- High quality transcode from and to a wide variety of formats
- Proxy generation for live feeds (growing proxies) and file based ingested media
- EDL and cut-list conform

### Live Logging

- Sports logging with rapid log entries as markers while not interrupting playback
- Metadata templates imported from external data like team rosters or added as custom tags

### Publish

- Export hi-res and/or low-res files with metadata to Playout, to distribution, etc.
- Send to an Archive system using native APIs
- Publish to web and social media

### Artificial Intelligence (AI)

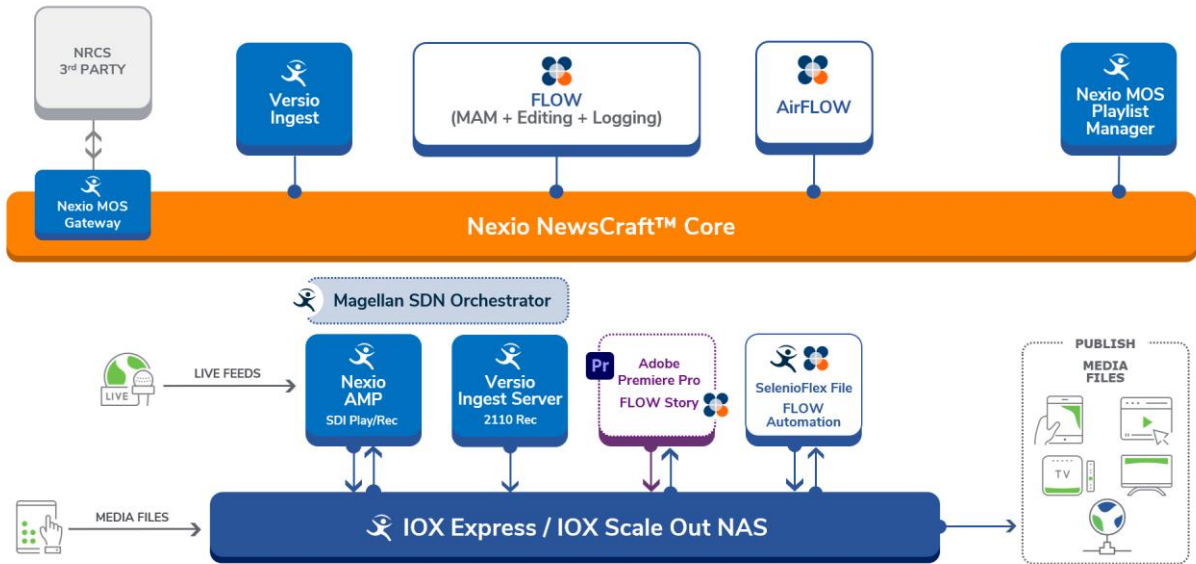
- Automated audio transcriptions: speech-to-text transcription providing better capabilities to locate content based on keywords
- Automated video scene descriptors: visual scene description and metadata collection for enhanced searches based on key scene descriptors and retrieval capabilities provide for deeper content knowledge for future asset use

### Control and Monitoring

- User management tool with very detailed permissions assigned to individual users or groups
- Detailed audit logging to track operator's tasks
- Set up alarms to monitor exceptions and define intuitive monitoring panels with configurable graphs



## Solution Component Details



### Nexio MOS Suite

Interoperable collection of applications that connect a MOS-enabled Newsroom Computer System (NRCS) to the Nexio server system. Nexio MOS objects are created and associated with the NRCS rundown. When a MOS connection is established, the NRCS rundown drives the Nexio MOS Playlist Manager application which in turn controls the Nexio video playback channels.

- **Nexio MOS Gateway (NMG)** is a software and database application which serves as a gateway between the MOS-enabled NRCS, the FLOW environment and the Nexio servers.
- **Nexio MPLM (MPLM)** is a software application that parses rundown information from the NRCS, generates a playlist, and gives play-to-air commands to Nexio server channels.
- **Nexio NXMB Plugin** is a MOS software plugin that runs in the workspace of the NRCS client application. NXMB retrieves and displays the contents of the Nexio MediaBase and the FLOW database. It also has a low-res preview option.

### Features include:

- Bidirectional connection between Nexio NewsCraft and the major NRCS systems in the market: AP ENPS, AVID iNews, Octopus, Ross Inception, CGI OpenMedia, etc.
- Placeholders created in NRCS are visible in NewsCraft, starting the process of new content creation.
- Parse rundown info from NRCS to directly control Nexio playback channels.
- For a given playlist, playout control for up to 6 playback ports across multiple servers.
- Single event, loop, back-to-back "chained" playback, manual override and many more.
- Browse all the existing NewsCraft assets directly from a NRCS client.
- Proxy player to review or associate to News stories.

## FLOW Suite

FLOW is a media asset management platform that supports and manages all types of media content.

**FLOW Control** is for Administrators of the FLOW system, and is used to configure and manage FLOW Ingest, Database and Proxy servers.

**Features include:**

- License management
- User and permissions management
- Custom metadata template management
- Proxy codec configuration management
- Media Spaces to be scanned into the FLOW Database

**FLOW Automation** removes the complexities of dealing with large amounts of content and provides a simple, but powerful, way of dealing with complex or repetitive tasks. With an intuitive node-based interface, it combines predefined triggers and tasks to help you build workflows that can be used by other team members.

**Features include:**

- Batch ingest
- Extensible workflows for every project
- Orchestrated tasks such as transcoding
- Deliver backups to the cloud
- QC and deliver content to any location
- Full open-source API for integration with solutions such as AI
- Optimized efficiency by offloading tasks to dedicated worker nodes
- Job monitor and audit trail

**FLOW Story** client is the content creation application aimed at fast turnaround environments, such as News, Sports and Reality TV. It provides journalists, editors and assistants with the tools to edit and package content for finishing, delivery or playout.

**Features include:**

- Fast turnaround and clipping of highlights packages
- Audio punch-in tools for quick Voice Over
- Professional codec support, including ProRes, DNxHD, AVC-Intra and more
- 'Edit While Capture'
- Extensible real time collaboration between FLOW users
- Native integrated workflow with other NLEs (and DAWs)
- Proxy based workflows supported for remote production
- Advanced real-time effects, including color, titles and DVEs
- Upload and download features

**AirFLOW** client, accessed through a web browser, is designed for review and approval, and other collaborative workflows. Simple and intuitive, it provides media sharing capabilities in a secure environment with full remote access from anywhere in the world.

**Features include:**

- View rough cuts and fine cuts on any device (laptop, tablet, or smartphone)
- No client software installation required
- Browse, search, log, and organize content in media spaces, projects, folders and sequences
- Upload and download content directly to and from on-premises storage systems
- Trigger automation tasks along with FLOW Automation

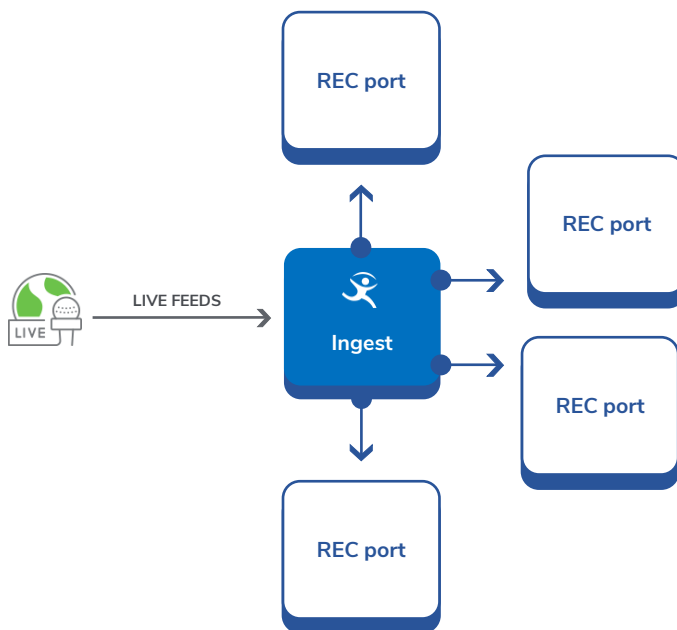
**FLOW Premiere Pro Panel** is used to maximize the use of Adobe Premiere Pro. Specifically, it allows users to browse, search for, and review content from storage spaces that FLOW has access to, without leaving the Adobe Premiere editing platform. The content is available for immediate import into projects created and it allows users to update the metadata on clips in their storage.

## Versio™ Ingest

Versio™ Ingest provides a highly integrated operational experience from booking, crash recording of baseband/IP streams as well as scheduled recordings. It allows you to optimize resources controlling pools of recording ports. It makes an intelligent assignment of free ports based on complex rules, allowing to write and/or capture content to an online NAS storage.

### Features include:

- Central scheduling chart
- Bookings with priorities
- Repetitive recordings
- Crash records
- Import scheduling data from any Traffic or other third-party systems
- Manage the different redundancy levels:
  - Redundant storage target locations
  - Redundant recorder ports
  - Redundant copies in high resolution
  - Rather than fixed channels, Versio Ingest distributes record bookings across available channels of all servers, making sure that main and redundant records are never on the same server
- Open-ended recordings
- Recordings going over midnight



## Magellan™ SDN Orchestrator

The Magellan™ SDN Orchestrator (SDNO), is a proven software control solution that delivers full support for SDI and SMPTE ST 2110, plus the most comprehensive list of third-party endpoints via native APIs and open protocols, making it ideal to orchestrate complete live production and playout operations. Versio Ingest uses SDNO to control third-party video routers, making sure the right signal is feeding the right record port for each ingest job.

## Nexio™ AMP® Video Servers

Nexio+™ AMP® (Advanced Media Platform) is an efficient and integrated video server platform for managing digital content from ingest to playout. Combines industry-leading HPE standard server models and Imagine software/hardware bundle kits. Nexio+ AMP delivers the exceptional reliability, flexibility and format transparency that broadcast operations demand.

### Features include:

- Seamless playback of different codecs and resolutions, back-to-back
- Import & export content in various wrappers
- MXFOP1a, MOV, QuickTime Ref, AVI, GXF, MPG, MP4, LXF
- Internal RAID storage support
- External control over VDCP or native IP protocol
- Up to 6 bidirectional SDI channels per server in HD 1080i (XDCAM-50, AVC Intra100 and more)
- Closed caption import
- Audio track management
- Real time up/down/cross conversion
- AFD and ARC support
- Automatic input format detection
- UHD H.264/XAVC/AVC-LongG/AVC-Ultra Ingest & Playout
- Includes full support for XAVC-Intra Class 300 and 480
- HDR-ready
- Many options available to enhance customer experience:
  - High-res preview on PC monitor using Nexio Player
  - Internal Playlist client
  - Internal embedded multiviewer
  - Tool for remote control, including sub-clipping
  - Import of additional audio tracks or subtitles
  - Integration services

## IOX Express NAS Storage

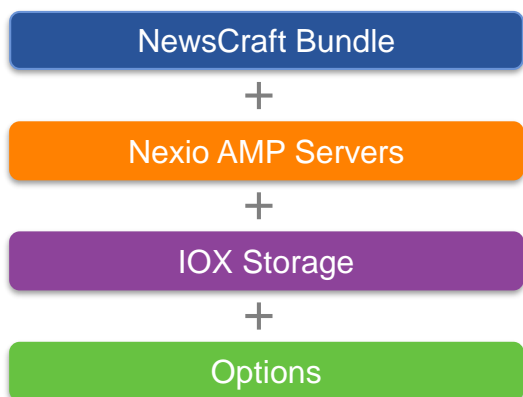
IOX Express NAS is a compact and economical storage solution designed for broadcast and production facilities, supporting news, sports, and live-event applications. IOX is powerful, easy-to-manage, optimized to support high-bandwidth, high-volume, high availability requirements for end-to-end media workflow operations. It offers adjustable scalability up to multi-petabytes of storage, as well as the highest levels of performance, availability, and digital asset protection. As the only N+1 Parity Stack Media & Entertainment solution on the market, IOX NAS provides high availability at a fraction of the cost of other equivalent storage systems.

### Features include:

- EditShare® EFS solution and HPE hardware
- Internal node storage controllers
- Multiple controller active/active pairs, which contribute their attached storage to a single namespace storage pool
- On-air scalability
- Multiple parity topology supported:
  - Single = Stack RAID6 internal parity only
  - 1+1 = Stack Mirroring
  - N+1 = Single-Stack Parity
- Tens of gigabits per second of assured streaming bandwidth, even during degraded or rebuilding modes
- Fastest client recovery of less than 20ms for uninterrupted service to on-air playback servers or to editing applications
- Automatic drive rebuilds require no operator action and result in no performance degradation
- High drive density with standard Hard Drive in 12x and 16x storage nodes
- Support for Windows, macOS, and Linux client connections via Ethernet
- Storage Pools – Allows data on in LUNs to be partitioned and bandwidth managed by user or workflow operational groups



## Ordering Information



## Nexio NewsCraft™ Bundles

	B1	B2	B3
FLOW Servers	2 (LT)	3 (Pro+LT)	3 (XL)
FLOW Clients	10	25	50
NewsCraft Host Servers	1	2	2
Max Ingest server ports	8	24	32
Ingest Clients	2	4	6
Core Ingest	✓	✓	✓
External SDI router control	✓	✓	✓
MOS Gateway	✓	✓	✓
MOS Playlist Manager	✓	✓	✓
Plugin for clip browse in NRCS	✓	✓	✓
Multi-site support (FLOW "Enterprise")	✗	✗	✓

SKU	Description
NEX-NC-B1	Nexio NewsCraft Bundle including non-redundant host servers, 10 FLOW browse/edit clients, up to 8ch ingest control, 2 ingest clients, external router control, MOS Gateway, MOS Playlist Manager, up to 20 low-res browse plugins for NRCS. MOS Playlist Manager and FLOW clients require customer furnished hardware. Hypervisor requires customer furnished license
NEX-NC-B2	Nexio NewsCraft Bundle including redundant host servers, 25 FLOW browse/edit clients, up to 24ch ingest control, 4 ingest clients, external router control, MOS Gateway w/ standby, MOS Playlist Manager, up to 50 low-res browse plugins for NRCS. MOS Playlist Manager and FLOW clients require customer furnished hardware. Hypervisor requires customer furnished license
NEX-NC-B3	Nexio NewsCraft Bundle including redundant host servers, 50 FLOW browse/edit Enterprise multi-site clients, up to 32ch ingest control, 4 ingest clients, external router control, MOS Gateway w/ standby, MOS Playlist Manager, up to 50 low-res browse plugins for NRCS. MOS Playlist Manager and FLOW clients require customer furnished hardware. Hypervisor requires customer furnished license

## Nexio NewsCraft™ Options

SKU	Description
NEX-NC-PROD-LT	Nexio NewsCraft FLOW Production Node Platform License
NEX-NC-PROD	Nexio NewsCraft FLOW Production Node Lite Platform License
NEX-NC-PROD-XL	Nexio NewsCraft FLOW Production Node XL Platform License
NEX-NC-HW-PROD-LT	Nexio NewsCraft FLOW Production Node. HPE based DL360 1U Server for Database, Automation, AirFLOW or for offloading FLOW tasks such file ingest, proxy creation and transcoding. Includes dual port 10/25G NIC and SFPs
NEX-NC-HW-PROD	Nexio NewsCraft FLOW Production Node Lite. HPE based DL20 1U Server for Database, Automation, AirFLOW or for offloading FLOW tasks such file ingest, proxy creation and transcoding. Includes dual port 10/25G NIC and SFPs
NEX-NC-HW-PROD-XL	FLOW Production Node XL. HPE based DL360 1U Server for Database, Automation, AirFLOW or for offloading FLOW tasks such file ingest, proxy creation and transcoding. Includes dual port 10/25G NIC and SFPs
NEX-NC-ACL-10	Nexio NewsCraft FLOW Advanced individual client license. Used for 1-10 client quantity. Applicable for browse, edit, or NLE panels
NEX-NC-ACL-25	Nexio NewsCraft FLOW Advanced individual client license. Used for 11-25 client quantity. Applicable for browse, edit, or NLE panels
NEX-NC-ACL-50	Nexio NewsCraft FLOW Advanced individual client license. Used for 26-50 client quantity. Applicable for browse, edit, or NLE panels
NEX-NC-ACL-100	Nexio NewsCraft FLOW Advanced individual client license. Used for 51-100 client quantity. Applicable for browse, edit, or NLE panels
NEX-NC-ACL-101+	Nexio NewsCraft FLOW Advanced individual client license. Used for 101+ client quantity. Applicable for browse, edit, or NLE panels
NEX-NC-ECL-10	Nexio NewsCraft FLOW Enterprise individual client license. Used for 1-10 client quantity. Applicable for browse, edit, or NLE panels. Enterprise multi-site capable
NEX-NC-ECL-25	Nexio NewsCraft FLOW Enterprise individual client license. Used for 11-25 client quantity. Applicable for browse, edit, or NLE panels. Enterprise multi-site capable
NEX-NC-ECL-50	Nexio NewsCraft FLOW Enterprise individual client license. Used for 26-50 client quantity. Applicable for browse, edit, or NLE panels. Enterprise multi-site capable
NEX-NC-ECL-100	Nexio NewsCraft FLOW Enterprise individual client license. Used for 51-100 client quantity. Applicable for browse, edit, or NLE panels. Enterprise multi-site capable.
NEX-NC-ECL-101+	Nexio NewsCraft FLOW Enterprise individual client license. Used for 101+ client quantity. Applicable for browse, edit, or NLE panels. Enterprise multi-site capable
NEX-NC-ACL-ECL-UPG	Nexio NewsCraft FLOW Advanced to Enterprise individual client upgrade. Enterprise multi-site capable
NEX-NC-ATS	Nexio NewsCraft FLOW Audio Transcription Service. Perpetual software license for file-based, multi-lingual, on-premises audio to textual metadata transcribing. Requires annual support (first year free). Requires CFE Windows 10 OS license

## Nexio MOS and Proxy Options

SKU	Description
PLMGWSLV	Nexio+ MOS Gateway Software License. Virtual-Machine eligible; Windows Server 2012 R2 License sold separately, or customer provided
PLMOPSLK	Nexio+ MOS Playlist Software License; PLMOPHTP USB trigger panel sold separately. GPU required such as PLHGPK06, NVIDIA Maxwell K620 GPU PCIe v2 1-slot. for PLHP1UAP appliance server or customer-provided GPU for CFE server.
NXPL1A0A	Nexio+ MOS Playlist turnkey appliance. Includes USB trigger panel. 2x 25/10Gb Ethernet NIC sold separately as required by customer topology. 16GB, redundant 2x OS SSD, 4x 1Gb Ethernet included; Windows Server 2016 for Embedded Systems standard.
PLMOPHTP	Nexio+ MOS Playlist USB trigger panel for PLMOPSLK software.
PLPTCSLV	Nexio+ Proxy Transcode Engine Software License. May require purchase of FC HBA and/or 10GB Ethernet NIC depending on storage topology and throughput requirements. Virtual-Machine eligible; Windows Server 2012 R2 License sold separately, or customer provided
PLSPR1CH	Nexio+ 1x Proxy Encode Channel License for both, Nexio AMP Server with Internal Proxy and for Standalone Proxy Transcode Engine. Up to 6 channels per server and up to 18 channels for Proxy Transcode Engine
NEX-PT-1UG10-2	Nexio+ Proxy Transcoder turnkey appliance. Fibre Channel HBA and/or 2x 25/10Gb Ethernet NIC sold separately as required by customer topology. 64GB, redundant 2x OS SSD, 4x 1Gb Ethernet included; Windows Server 2019 for Embedded Systems standard. PLSPR1CH proxy channel licenses purchased separately.

## Nexio AMP Servers

SKU	Description
NEX-AMP-1UG10-2	Nexio+ AMP 1RU turnkey platform. 6-in/6-out/reference HD/SDI PCIe interface included. Up to 6 HD or 1 UHD channels. 64GB, redundant 2x OS SSD, 4x 1Gb Ethernet included, and Windows Server 2016 for Embedded Systems standard. Purchase Fibre Channel HBA, 25/10GbE NIC, or SAS internal RAID with 8 SSD/HDD bays as needed per customer storage and I/O requirement.
NEX-AMP-2UG10-2	Nexio+ AMP 2RU turnkey platform. 6-in/6-out/reference HD/SDI PCIe interface included. Up to 6 HD or 1 UHD channels. 64GB, redundant 2x OS SSD, 4x 1Gb Ethernet included, and Windows Server 2016 for Embedded Systems standard. Purchase Fibre Channel HBA, 25/10GbE NIC, or SAS internal RAID with 8 SSD/HDD bays as needed per customer storage and I/O requirement.
PLSHD1CH	Nexio+ 1x SD/HD Playback & Encode Channel License. Includes ROYALTY for MPEG-2/XDCAM, H.264/AVC-Intra/XAVC, DV/DVCAM/DVCPRO, Avid DNxHD, and Apple ProRes. H.265/HEVC Playback License sold separately
PLSPR1CH	Nexio+ 1x Proxy Encode Channel License for both, Nexio AMP Server with Internal Proxy and for Standalone Proxy Transcode Engine. Up to 6 channels per server and up to 18 channels for Proxy Transcode Engine
VER-HW-NIC-10GI	Intel 82599 2-port 10GbE LOM NIC for HPE 1RU and 2RU platforms. Includes 2x 10GbE SFP multimode modules and 2x fiber 50/125 microns 3m LC-LC cables.
VER-HW-NIC-10PTI	Intel X540 2-Port 10GBase-T PCI NIC for HPE 1RU and 2RU platforms. Includes 2x Cat-6a cables.

## Nexio AMP Servers continued

SKU	Description
VER-HW-NIC-25GM	Mellanox ConnectX-4 Lx 2-port 25GbE LOM NIC for Imagine 1RU and 2RU platforms. Includes 2x 25Gbps SFP28 and 2x 5m LC-LC OM4 multimode fiber cables
VER-HW-NIC-2X25PM	Mellanox ConnectX-4 Lx 2-port 25GbE PCIe NIC for Imagine 1RU and 2RU platforms. Includes 2x 25Gbps SFP28 and 2x 5m LC-LC OM4 multimode fiber cables
VER-HW-1UG10-RAID	BTO Internal RAID Storage Kit for DL360 1RU Gen-10, enables up to 8 media and/or graphics HDD or SSD.
VER-HW-2UG10-RAID	BTO Internal RAID Storage Kit for DL380 2RU Gen-10, enables up to 16 media and/or graphics HDD or SSD. Includes integrated RAID controller, modular drive bays, and necessary cable harnesses.
VER-HW-HDD-1T	Media HDD kit, 1x 1TB 2.5 inch Enterprise, order 1x, 4x, 8x, or 16x as needed.
VER-HW-HDD-2T	Media HDD kit, 1x 2TB 2.5 inch Enterprise, order 1x, 4x, 8x, or 16x as needed.
PLHAB5QU	Afterburner5 RS-422 and GPI interface module. 1/4 width 1RU up to 4 in each 1RU module rack (sold separately). Includes 8x RS-422, 16x GPI-In and 16x GPI-Out. USB connection to host server and loop-out. Includes 8x RJ12 RS-422 cables and RJ12-DB9 adapters
PLHAB5RA	Interface module 1RU rack. Up to 4 1/4-width modules per rack
NXUSBTC	USB powered House Timecode Input to Nexio
NXSPLAY1	Nexio Playlist 1-Channel License. Nexio Playlist Is an event-sequencing application that controls AMP servers to facilitate play-to-air operations in transmission, sports and news. NXSPLAY1 provides a license for 1 channel of playback.
NXSPLAY4	Nexio Playlist 4-Channel Licenses. Nexio Playlist Is an event-sequencing application that controls AMP servers to facilitate play-to-air operations in transmission, sports and news. NXSPLAY4 PROVIDES A License Provides a license for 4 channels of playback
NXSPLAY8	Nexio Playlist 8-Channel Licenses. Nexio Playlist Is an event-sequencing application that controls AMP servers to facilitate play-to-air operations in transmission, sports and news. NXSPLAY8 PROVIDES A License Provides a license for 8 channels of playback
NXA1000CVIEW	Nexio AMP ChannelView. Server input-output monitoring software application, displays up to six channels in a multiviewer display through the server DVI port
NXCLIPSYNC01	Nexio Clipsync Application, synchronizes two server channels to play simultaneously frame accurate. Supports two Clipsyncs per four channel server

## IOX Express Bundles

SKU	Description
IOX-EXP-BNDL-HA-1	Versio IOX Express N+1 Parity HA Storage Bundle - 8Gbps Bandwidth, 112TB Usable Capacity. Includes 2 x Metadata Controllers (IOX-EXP-MDC), 3 x 64TB Storage Nodes (IOX-EXP-450-64), 3 x Spare Drives, and EditShare EFS Software and Capacity Licenses.
IOX-EXP-BNDL-HA-2	Versio IOX Express N+1 Parity HA Storage Bundle - 12Gbps Bandwidth, 252TB Usable Capacity. Includes 2 x Metadata Controllers (IOX-EXP-MDC), 4 x 96TB Storage Nodes (IOX-EXP-450-96), 4 x Spare Drives, and EditShare EFS Software and Capacity Licenses.
IOX-EXP-BNDL-HA-3	Versio IOX Express N+1 Parity HA Storage Bundle - 16Gbps Bandwidth, 336TB Usable Capacity. Includes 2 x Metadata Controllers (IOX-EXP-MDC), 5 x 96TB Storage Nodes (IOX-EXP-450-96), 5 x Spare Drives, and EditShare EFS Software and Capacity Licenses.
IOX-EXP-BNDL-HA-4	Versio IOX Express N+1 Parity HA Storage Bundle - 20Gbps Bandwidth, 420TB Usable Capacity. Includes 2 x Metadata Controllers (IOX-EXP-MDC), 6 x 96TB Storage Nodes (IOX-EXP-450-96), 6 x Spare Drives, and EditShare EFS Software and Capacity Licenses.
IOX-EXP-BNDL-HA-5	Versio IOX Express N+1 Parity HA Storage Bundle - 20Gbps Bandwidth, 560TB Usable Capacity. Includes 2 x Metadata Controllers (IOX-EXP-MDC), 6 x 128TB Storage Nodes (IOX-EXP-450-128), 6 x Spare Drives, and EditShare EFS Software and Capacity Licenses.
IOX-EXP-BNDL-C2-1	Versio IOX Express 1+1 Copy2 Storage Bundle - 4Gbps Bandwidth, 56TB Usable Capacity. Includes 2 x Metadata Controllers (IOX-EXP-MDC), 2 x 64TB Storage Nodes (IOX-EXP-300-64), 2 x Spare Drives, and EditShare EFS Software and Capacity Licenses.
IOX-EXP-BNDL-C2-2	Versio IOX Express 1+1 Copy2 Storage Bundle - 4Gbps Bandwidth, 112TB Usable Capacity. Includes 2 x Metadata Controllers (IOX-EXP-MDC), 2 x 128TB Storage Nodes (IOX-EXP-300-128), 2 x Spare Drives, and EditShare EFS Software and Capacity Licenses.
IOX-EXP-BNDL-NH-1	Versio IOX Express Non-HA Storage Bundle - 3Gbps Bandwidth, 40TB Usable Capacity. Includes 1 x 48TB Storage/Meta Node (IOX-EXP-200-48), 1 Spare Drive, and EditShare EFS Software and Capacity Licenses. Single Unit controller for both Metadata and Storage management.
IOX-EXP-BNDL-NH-2	Versio IOX Express Non-HA Storage Bundle - 6Gbps Bandwidth, 120TB Usable Capacity. Includes 2 x 72TB Storage Nodes (IOX-EXP-200-72), 2 x Spare Drives, and EditShare EFS Software and Capacity Licenses. One storage node is controller for both Metadata and Storage management.
IOX-EXP-BNDL-NH-3	Versio IOX Express Non-HA Storage Bundle - 9Gbps Bandwidth, 180TB Usable Capacity. Includes 3 x 72TB Storage Nodes (IOX-EXP-200-72), 3 x Spare Drives, and EditShare EFS Software and Capacity Licenses. One storage node is controller for both Metadata and Storage management.