



## 4 Channel and 8 Channel SD/HD Ingest



For teams who require a comprehensive and centralized media input tool set, the FLOW Ingest platform provides flexible and robust ingest capabilities for a wide range of production environments, from scheduling and capturing live contributions to synchronized multicam records. The core hardware platform comprises a powerful, compact 2RU server utilizing the latest generation Intel Xeon CPUs. With Matrox I/O capture cards for physical routing, FLOW Ingest provides an expanded channel count per server returning lower total cost per channel.

FLOW Ingest servers run the FLOW Ingest software role, which provides the capability for both file-based, NDI® or baseband SDI ingests\*. SDI Live ingest workflows are available in two configurations on this platform, one with 4 HD-SDI ports and one with 8 HD-SDI ports. Each HD-SDI port is configurable to serve as an input or a passthrough monitoring output, offering dynamic flexibility depending on the needs of the facility.

Likewise, NDI® workflows are available in two configurations, with support for 4 and 8 channels of live capture. FLOW's NDI support has been tested with a wide range of converters from a range of leading manufacturers.

All popular industry-standard codecs, resolutions, and frame rates are supported for both input and output formats. Both models offer a full complement of ingest codecs, including Avid DNxHD, Apple ProRes, and XDCAM, and can capture 4 or 8 SD/HD-SDI and NDI® inputs in all codecs except AVC-Intra\*\*. Both SDI options also come equipped with all the necessary I/O connections including AES audio and RS-422 deck control\*\*\*.

\*Due to potential resource contention, SDI, NDI and File Based Ingest/transcode) may not currently be mixed on a single hardware platform.

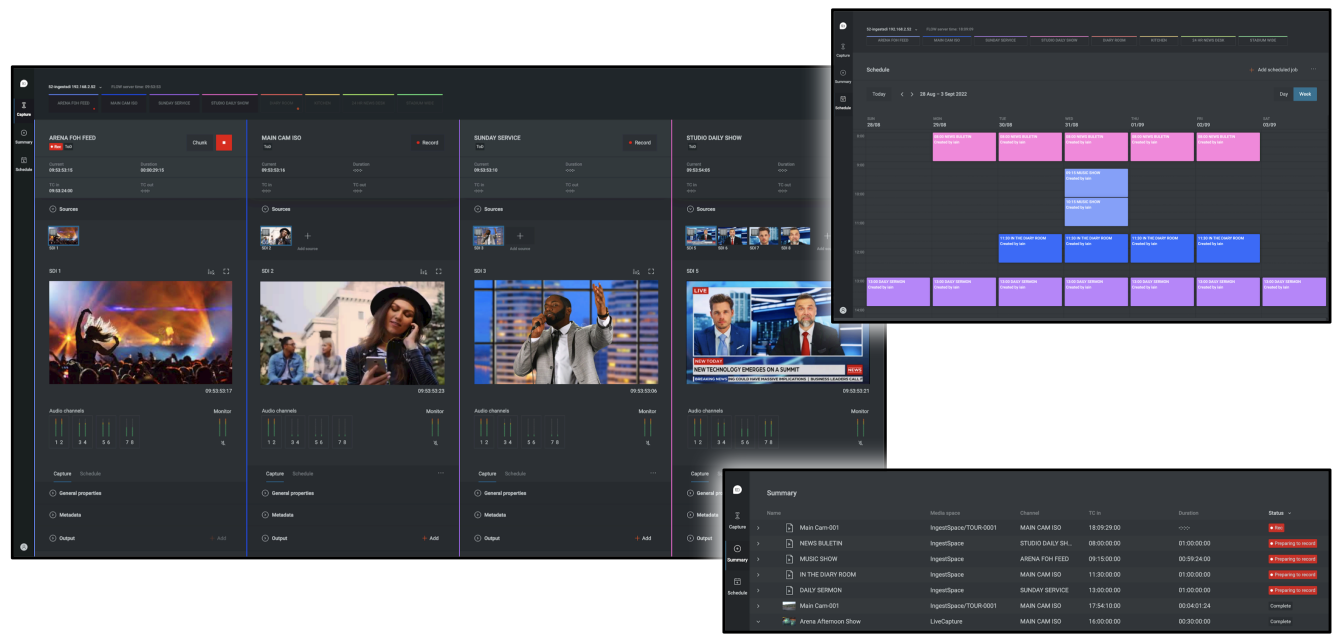
\*\*Dependent on purchase of 4 or 8 channel models. Performance assumes FLOW default proxy settings enabled with up to eight 1080i29.97 input (1.5G-SDI/NDI) and a maximum of four 1080p59.94 (3G)-SDI/NDI).

\*\*\*RS-422 deck control is available in FLOW Browse only.

Next Generation FLOW User Experience

Formed around the next generation of EditShare web UI the new FLOW Live capture web interface is designed to simplify production workflows for both live operators and production administrators.

FLOW Live Capture Main User Interface



FLOW Control Source Configuration and Monitoring

The Summary page is a comprehensive status report list of past, current and future ingest events

# Specifications

## Server Models

FLOW Ingest Server 4 Channel 2U	HPE based DL380 2U chassis, dual CPUs, 128 GB RAM with 4 ingest channels
FLOW Ingest Server 8 Channel 2U	HPE based DL380 2U chassis, dual CPUs, 128 GB RAM with 8 ingest channels

## Network Connectivity

Multiple Network Interface Cards Available (10, 25, 40, 50, 100 GbE Options)
Integrated HPE Intelligent Lights-out out-of-band management port

## Hardware

Form Factor	HPE ProLiant DL380 Gen10 2RU server chassis
Operating System	EditShare Linux
CPU	Dual Intel Xeon CPU
Power Supply	920 W Redundant High-efficiency Platinum Level (94%+)
OS Drives	Dual Mirrored high performance SSD OS drives, Hot Swap/Rear Accessible
Operating Temperature Range	10 - 35°C (50° - 95°F)
Non-Operating Temperature Range	-30 - 60°C (-22° - 140°F)
Humidity Range	8 - 90% non-condensing
Non-Operating Humidity Range	5 - 95% non-condensing
Dimensions	8.73 x 44.54 x 73.02 x cm 3.44 x 17.54 x 28.75 in
Shipping Dimensions	27.00 x 60.02 x 96.85 cm 10.63 x 23.63 x 38.13 in
Weight	24.5 kg (54 lbs)
Input Voltage	100 - 240 C+VAC
Input Frequency: 50/60 Hz	

## I/O

Standard Internal Video/Control I/O (4/8 Channel Model)
(4/8) HD-SDI/SD-SDI inputs (High Density BNC)
(1) Ref Video Input (mini BNC) - not required
(8/16) AES/EBU Digital Audio input channels (unbalanced BNC breakouts)
(4/8) LTC Timecode Inputs (BNC breakouts)
(4) RS-422 (Serial Deck Control)
(5/9) Included mini-BNC to N+BNC-F adapter cables