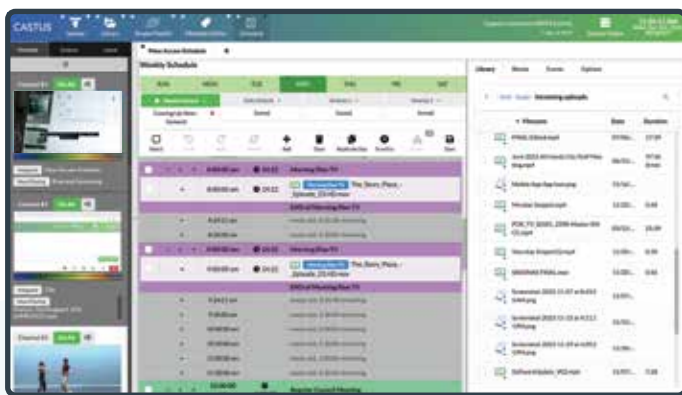


# QUICKROLL

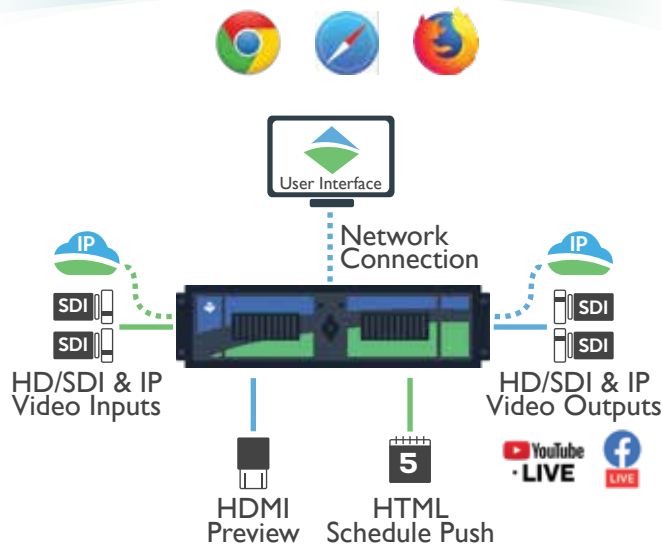


**Capture, Schedule, Playback & Stream- ALL IN ONE BOX**

The QuickRoll is a powerful, 3RU multi-channel, multi-input video scheduling server. Feature rich, reliable, and scalable to meet your requirements today and far into the future. The QuickRoll is built to support both IP and HD/SDI workflows with advanced scheduling, overlay and ingest capabilities. Connect to CASTUS Cloud Services (CCS) for OTT connectivity, live streaming, and easy re-stream options. Upload, schedule, and play nearly any file format with zero transcoding. Support for closed captioning included, which provides a compliant signal to cable and web for both live and Video On-Demand content.



**BROWSER INTERFACE. EASY SCHEDULING.**



**SCALABLE SERVER. EASILY CONFIGURED.**

Perfect for- Public / Education / Government TV (PEG) or any multi- channel broadcast.

## FEATURES

- Secure user logins with password permissions.
- Stream to web 24/7, Facebook Live & YouTube Live via RTMP.
- Zero transcoding
- HD/SD compatible (\*4K option available).
- Supports RTMP, SRT, NDI, MP2TS, HLS, H.264 & more.
- Easy 'Click & Stick' scheduling + Block Scheduling.
- Create, edit and schedule built-in Bulletin Boards.
- Video editing with built in non-linear editor 'CASTUS Cuts'.
- Graphic overlays & crawls on IP and SDI outputs.
- Automatic audio volume normalization on outputs.
- Built-in confidence monitors with audio meters.
- Automatic background music detection during slides.
- Automatically fills gaps in schedule with 'Default Item'.
- Run reports for channels, programs, & metadata.
- HDMI preview channel.
- Built-in router control.
- World class support with training included.

## HIGHLIGHTS

- 10TB internal storage with RAID1.
- IP & HD/SDI support all in one box.
- Easy-to-use web browser based user interface.
- Fast scheduling for programs and live events.
- Simultaneously schedule and record live inputs.
- Support for Closed Captions- sidecar & embedded.
- Integrated Live and File Based closed captioning.
- Stream to multiple cloud destinations simultaneously.
- Independent channel output settings.
- Auto signal loss detection for live events.
- Integrates with CASTUS Cloud Services.
- Linux operating system.

## OUTPUTS

<b>Video &amp; Audio Output</b>	Digital SD/HD-SDI uncompressed video with embedded audio.
<b>IP Output</b>	NDI, MPEG-2 TS with MPEG-2 or H.264 video, SRT, HLS, RTMP for social media streaming, and AAC, AC3 or MPEG audio.
<b>Preview Output</b>	HDMI output for internal preview channel with video and audio.

## INPUTS

<b>Inputs</b>	HD-SDI & IP- NDI, IP, RTMP, SRT over ethernet. Includes 3.5mm line-in audio input.
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## FORMATS

<b>Supported Formats</b>	MPEG-2 TS, MPEG-2, H.264 video, MPEG-4, MOV, AVI, MXF, WAV, MKV, VOB, FLV, PNG, JPG, WAV, AAC, AC3, MPEG audio, and more.
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## STORAGE

<b>Storage Available</b>	10TB RAID1 on board storage with upgrade options available. *Upgrade Options- 12TB, 16TB, 20TB+. Connects to network attached storage and support for NTFS & FAT32.
<b>Operating System</b>	500GB SSD internal drive for CASTUS & Linux OS.

## SPECIFICATIONS

<b>Control Interface</b>	Web browser user Interface (Firefox, Chrome or Safari).
<b>Network Connection</b>	(2) 1 gigabit connection ports. *Optional 10 GbE card.
<b>Controls</b>	BlackMagic Smart Hub, AJA, Knox, Sierra routing switcher with additional support available.
<b>Integrates</b>	EAS with DASDEC, ROVI and Gracenote for EPG, SCTE-35 pass thru/triggers. CASTUS Cloud Services for Live Streaming, VOD and Captioning.
<b>Content Introduction</b>	HTTP Web interface, SFTP/FTP, SMB & NAS.
<b>Closed Captioning</b>	608 (Line 21), 708 (Digital TV) & SCTE 20. Embedded & Sidecar support for SCC, MCC, SRT & Web VTT.
<b>Overlays</b>	(8) overlays for bugs, graphics & crawls.

## PHYSICAL

<b>Power</b>	Dual 600 Watt power supplies.
<b>Power Consumption</b>	200 Watts (max) based off the number of channels and I/O's.
<b>Dimensions</b>	3RU- 20" D X 17" W X 5.5" H.
<b>Weight</b>	45lbs.

First year of C4 support included with purchase. CASTUS is a customer centric organization. We value our customers and promise to provide excellent products and reliable support.

Our products have evolved over the years directly from customer feedback. We are committed to continually improving our products.

