

Overview

The Discover Video Digital Enterprise Video Online Streaming system (DEVOS) is a multi-functional streaming system for all of your video management needs. The all-in-one DEVOS system includes live streaming, video on demand, unlimited digital signage, and priority alert. It functions as a **streaming server, recording studio, visual communication tool, video management library, and broadcasting channel**. Additional capabilities include closed captioning, IPTV channel guide, scheduled streaming and recording, on-line learning and testing, and much more.

The DEVOS rack unit is a self-contained, low cost, fully automatic, streaming server and media management system. Users at enterprises of every size, from single schools, to multi-campus colleges and corporations, love having all the functionality in one system.

Automatic Upload

Each DEVOS server includes an encoder, and automatically uploads and schedules live streaming and/or video capture. Content is instantly available.

Mobile, Desktop & TV Viewing

The largest DEVOS Rack Server can support up to 2,500 simultaneous live video viewers using conventional streaming or a virtually unlimited number of viewers via IP multi-cast. Use any mobile device or laptop, Mac or PC, to view any live or on-demand video. View stunning high definition live video, and enjoy instant easy navigation of video on demand. With Roku boxes, watch any content on wide screen TVs.

Digital Signage & Priority Alert

DEVOS is also a full Digital Signage System to deliver video, images (PowerPoint or Google Slides), RSS feeds, text, web pages, or emergency information to an unlimited number of TV monitors. Each end station can have unique content which makes DEVOS great for any organization. The administrator, using a simple web-based control panel, can create digital signs from any location.



DEVOS FUNCTIONS

- Live Video Streaming
- Automatic Recording
- Presentations
- Video on Demand
- Unlimited Digital Signs
- Priority Alerts

PRIVATE & SECURE

- Active Directory
- Password Protected Streams and Content
- Tracking of Viewers

ECONOMIZED STREAM

- Multiple DEVOS Servers can be clustered for efficient bandwidth utilization

QUALITY

- Plays High Definition 4K Video

SINGLE SIGN-ON

- Remote Control via Web portal.

PRIORITY ALERT

- Emergency Notifications to computers, TVs, and SMS

DIGITAL SIGNAGE

- Unlimited Number of Unique Digital Signs
- Live Video, VoD, RSS, Images, Text, Google & PP Slides
- Works with Priority Alert for emergency messaging

DEVOS

ALL-IN-ONE VIDEO SERVER

Additional Features

- Optional TV channel guide for viewing and recording TV programs
- Complete presentation system to integrate PowerPoint slides with live video
- In-line testing and report generation for compliance verification
- Any recorded video in DEVOS can be delivered as a podcast

System Specifications

Streaming

- Live Streaming up to HD resolution
- VoD streaming & caching
- Up to 2,500 simultaneous clients, depending on the server hardware and network bandwidth
- NDI, RTMP, HLS, Progressive delivery
- Ingests live H264/RTMP, H264/RTSP, H264/MPEG2TS unicast/multicast
- IGMP Multicast capable

Viewing

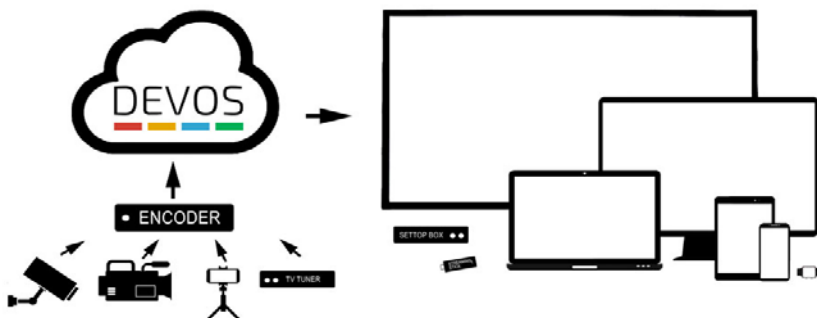
- Web page viewing compatible with Edge, Chrome, Firefox, Safari
- HTML 5 and HLS Delivery
- Priority Alert requires download of program for desktops

Management

- Password protected Integrated web page control and Active Directory
- HTTP and FTP upload of video files for VoD
- Unique password for Priority Alert control
- Full Digital Signage display management
- Complete Dashboard for Viewing statistics

Rack Server-16

- Standard Windows 2016/2019 Server OS
- 5TB total, 4TB usable (Raid 5), Expandable to 30 TB storage (Rack 16)
- Four Gig-E network ports (Optional 10 Gb port)



PRESENTATION SYSTEM

- Give Live Webinars with Polls, Chat, and Q&A
- Record Presentations for Video On Demand

COMPANION PRODUCTS

- DEVOS Cloud
- DEVOS Streampump
- Streamsie Encoder
- Spider Encoder
- SignStick
- DV Streaming Services
- Scorpion IPTV Encoder

VIDEO STANDARDS

- H.264/AAC (AVC)
- HTML 5 / HLS
- H.264 / AAC (AVC)

MODEL

- DEVOS Rack 16H
- DEVOS Rack 16
- DEVOS Stinger
- DV Express

For more information on any of our products or services please visit us at DiscoverVideo.com

REV 11/22 Specifications subject to change without notice. Contact Discover video for latest information.

