mimoLive Overview

Many inputs, many outputs: how devices, files and services flow through mimoLive

Inputs

Devices, files and data

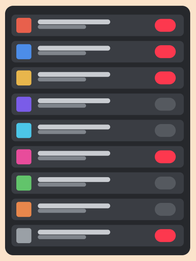
- Camera / Converter / Other NDI — NDI via Ethernet, Wifi
- HDMI/SDI Camera — HDMI, SDI — Blackmagic Device — Thunderbolt, PCIe
- BMD Ultimatte — HDMI, SDI — Blackmagic Device — Thunderbolt, PCIe
- SMPTE 2110 — Network — Blackmagic DeckLink IP — Thunderbolt, PCIe
- Graphics system (key + fill) — SDI, HDMI (2 feeds) — Capture Device — Thunderbolt, PCIe
- Webcam — USB 3
- Laptop with PowerPoint / Keynote — HDMI — Capture Device — USB 3
- Screen content (YouTube videos, apps, docs…)
- iPhone / iPad screen — USB
- Websites, HTML graphics…
- Microphone — USB 3
- Microphone — XLR — Audio Mixer/Interface — USB, Thunderbolt
- Dante Audio Device — Network — Dante Virtual Soundcard
- MP4, ProRes, HEVC (with alpha)
- MP3, WAV, AAC…
- File Recording
- PNG, JPEG, TIFF, PDF…
- SRT encoder, remote studio — Internet, LAN — SRT Caller / Listener
- RTMP, RTSP… — Internet — FFmpeg (installed separately)
- App with Syphon support — Syphon Video Sender
- IP Camera (e.g. Axis)
- Microphone, Headset, Webcam — WebRTC Browser Client — Internet
- Zoom Meeting, Webinar — Zoom SDK
- Location
- URL
- YouTube live chat — Internet
- Team logo, colors, roster

mimoLive

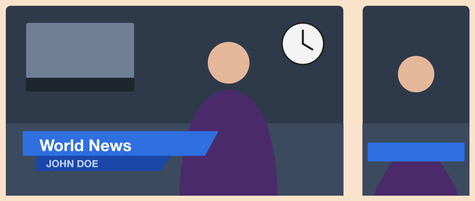
Sources

- NDI®
- Blackmagic Capture
- Key & Fill
- Camera
- Screen/Window Capture
- iOS Device Video
- Web Browser Capture
- Audio
- Video File
- Media Playlist
- Audio File
- Last Recording
- Still Image File
- Slideshow
- SRT
- FFmpeg
- Syphon Video Receiver
- Motion-JPEG
- mimoCall
- Zoom Meeting (ISO Feed)
- Map
- QR Code
- Social Media
- Sports Team Data
- Generators: test images, AV sync test, backdrops…

Layer Stack



Program Outputs 7.0



16:9 9:16

In mimoLive 7, one layer stack can render several program outputs, for example 16:9 and 9:16. Each output destination chooses which one it uses.

Layers

Add any of these to the layer stack

- FAVORITES: PIP Window, Placer, Station Logo, Video Switcher, Lower Third
- LOWER THIRD: Beam Wiper, Hide Behind, Origami, Pro, …
- GRAPHICS: Box, Cyclic Sponsor Logos, Slideshow, Waving Flag, …
- SPORTS: Score Keeper, Lineup, Game Data, Instant Replay, Player List Presenter, Player Table, …
- EFFECTS: Magnifying Glass, Painter, Spotlight
- LAYOUT: Interview, Split Screen, Presenter 2D, Video Carousel, Web Browser Placer, …
- TEXT: Annotation, Breaking News, Bullet Points, Burning Text, Flying Text, News Crawl, Scrolling Credits, Subtitles, …
- TIME: Analog Clock, Count Down, Date and Time, Stopwatch
- WEATHER: Forecast, Map
- PORTRAIT: Placer, Presenter
- SPHERICAL: 360 Placer
- AUDIO: Audio Only
- BACKDROP: Background, Clouds, Panorama 360°, World News
- DATA VIZ: Audio Source Meter, Graph 3D, Playlist Visualizer, Table
- TOOLS: Automation, Notes, Syphon Video Sender
- SWITCHER: Auto Video Switcher, Visual Radio
- INTERACTION: Comments, Single Comment
- DIAGNOSTIC: AV Sync Meter, Video Output Test
- CONTROL: ATEM Controller, AXIS Controller, PTZ Controller

Custom Layers

DIY — Paid Service

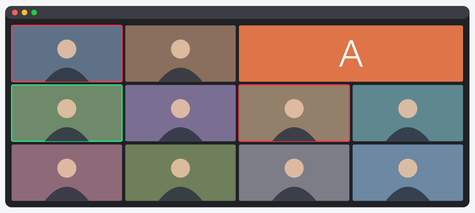
Coming Soon

mimoComposer

Design custom layers without coding

Multiview

Shows sources, program outputs and output destinations



ISO feeds

ISO feeds: any source can go straight to an output destination

Output Destinations

- NDI® (with alpha) — NDI via Ethernet, Wifi
- Virtual Camera — Camera Extension
- Zoom Meeting source (return feed) — Zoom SDK
- Live Streaming — Internet, RTMP(S)
- Fullscreen — HDMI, Thunderbolt
- Blackmagic Design — SDI (Key/Fill); SMPTE 2110
- File Recording — H.264, HEVC; ProRes, HEVC (with alpha); Last Recording
- Last Recording Uploader — Internet, LAN
- Audio Aux — USB, Audio Out; USB, Thunderbolt; Virtual Audio Device; Dante Virtual Soundcard
- Image Writer — PNG, JPEG
- mimoCall — Internet, WebRTC

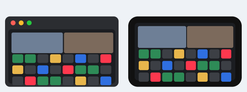
Destinations

Where the program ends up

- NDI apps, devices
- Zoom, Webex, FaceTime, WhatsApp…
- Meeting participants see and hear the program
- Service API: YouTube, Facebook, Twitch, BoxCast, Quickchannel
- RTMP Stream URL & Key: LinkedIn, Instagram, Nginx, Wowza, any RTMP(S) server
- Projector, monitor
- Broadcast switcher
- Broadcast AVoIP
- YouTube, Vimeo, Loom…
- Final Cut Pro, Premiere, Resolve…
- Vimeo
- Livid.com 7.0
- Your server: SFTP, SCP, rsync
- Local disk, NAS, synced cloud folder
- Headphones, studio monitor
- Audio mixer
- Any Mac app
- Dante network
- Social media posts
- Remote mimoLive (studio to studio)

Build Your Own Workflow: Automation and Remote Control: HTTP API, WebSocket and MCP server (port 8989)

Remote Control Surface



Web Browser — mimoLive Remote App

Control Hardware

- X-keys keypads
- Keyboard shortcuts
- Stream Deck (Bitfocus Companion)

Scripts and Apps

- PHP
- node.js
- Python
- Browser

AI Agents (MCP)

- Any MCP client

No Code (via a tunnel, e.g. Cloudflare)

- Make
- Zapier
- IFTTT

mimoLive 6.19

Chart updated November 2026

- Device, file or service
- Connection / transport
- Interface, driver or SDK
- Part of mimoLive
- 7.0 New in mimoLive 7.0