SIMPLYLIVE PRODUCTION SUITE
LIVE VIDEO PRODUCTION

SIMPLY **LIVE** ▶
INSIDE

SIMPLYLIVE PRODUCTION SUITE

MULTI-CAMERA PRODUCTION RE-IMAGINED.

Simple. Flexible. Reliable. Affordable.

The Simplylive Production Suite is a software-driven live production platform that lets you choose from a range of application layers, tuned to the tasks you need to do – from live replay, ingest recording, streaming or video review to an all-in-one production solution that gives you virtually everything you need to create a show.

This highly modular solution is as flexible as you are: the Simplylive Production Suite lets you add personnel to cover large events — or shrink it to a one-operator show, if needed. It is connective to all of today's video formats (SDI, NDI etc), and intrinsically migratable to the IP and cloud universe.

Live switching cameras and video sources, cueing and scrubbing slowmo replays, controlling audio, or adding graphics – using a single touchscreen interface. Today's new generation of producers understand the need to create more high-quality content for expanding niche markets, but with limited budgets. Whether for sports, news, or live talk programs, the Simplylive Production Suite is their platform of choice.

Choose your ViBox Server...

Vibox servers are the foundation of your Live Production Suite. So selecting your Production Suite configuration starts with answering two basic questions:

· What do you want to do?
· How much power do you need?

The first answer shows which application layers you'll interact with.
You can use the Suite simply as a live replay system, a ingest recorder, a live streaming output — or, as total production control for multi-source video and audio.

The second answer defines your architecture needs, in terms of processor performance, storage and input/output. Are you just live-streaming online with 1080p content at standard frame rates? Or are you sending UHD at 60p with extensive super slowmo? Do you need bespoke hardware for a traditional on-site production? Or do you need to implement a remote production within a private data center or the public cloud? Since everything about the Simplylive Production Suite is based on a modular software architecture, we have the right solution for you.

ViBox UHD / HD Servers
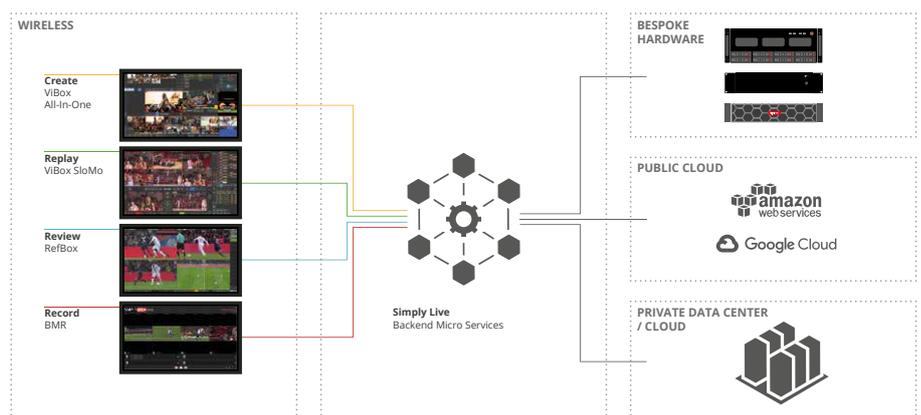
... or go straight into the Cloud!

The Simplylive Production Suite has revolutionized the industry with a game-changing software-defined approach that offers a seamless transition to a full cloud platform. Its highly intuitive and collaborative workflows can easily be deployed on private or public cloud instances with scalability and power tailored to the production at hand.

The cloud production platform can be easily customized from template selections, based on the number of video I/Os, replay positions, multiviewer connections, commentary positions and intercom needs.

WIRELESS

Create
ViBox
All-In-One

Replay
ViBox SloMo

Review
RefBox

Record
BMR

Simply Live
Backend Micro Services

BESPOKE HARDWARE

PUBLIC CLOUD

amazon
web services

Google Cloud

PRIVATE DATA CENTER / CLOUD

ALL-IN-ONE
Complete, Flexible Production

ViBox All-In-One is the world's most flexible total production tool for multi-camera programs of all sizes.

How flexible, you ask? Well, on Friday, you can produce a game with just one user controlling all the main elements of live production – live switching, graphics, live replays, highlights and audio mixing – while on Sunday, you can use the same solution to produce larger games that need a multi-user workflow. The first operator can be switching the show on one touchscreen, another operator is running a ViBox SloMo application, and a 3rd UI also has SloMo running for a 2nd replay operator.

In developing the Simplylive Production Suite user interface, we studied hundreds of live production workflows and run-downs to design a system that anyone can use. We made sure that all the tools you need to tell a great story are right where you need them to be.

ViBox All-In-One UI

BENEFITS

Create great sports with ease – Smart user interface built around a touch-screen workflow that removes the worry of operating and learning complicated equipment.

Work the way your production demands – Allows a single operator to run a complete production on a single touch-screen, or have multiple operators working on up to 3 different functions in a production...

Reduce costs with remote production – Locate your server with the cameras at the venue, but have your operators run the touch-screens from wherever you want.

Work with best-in-class systems – Easily work with other specialized systems for graphics and audio mixing. Any NDI capable graphics system can feed in keyable graphic layers. The same goes for Dante capable audio mixers feeding final mixes to A-I-O.

I/O choice means production flexibility – select SDI, NDI, RTMP, TS UDP, and native SRT sources for your inputs. You can also use higher frame rate, super motion camera sources to offer the highest quality replays.

Easily localize your programs - Send a single camera feed with clean audio downstream and add localized V/O, graphics and clips to engage more audiences across the globe.

FEATURES
· Remote workflow capable
· Highly scalable workflows
· Picture in Picture (PiP)
· 3 keyable graphic layers
· External NDI graphics integration
· 32 audio preset snapshots
· 32 manual transition macros
· 1000 possible playlists
· Import/export of content
· Keywords/Tagging
· Keyboard shortcuts for external control options

ViBox UHD A-I-O	ViBox 16 A-I-O	ViBox 12 A-I-O	ViBox 8 A-I-O
Up to 12 bidirectional UHD channels	Up to 16 bidirectional channels	Up to 12 bidirectional channels	Up to 8 bidirectional channels
Multi-user workflow capable	Multi-user workflow capable	Multi-user workflow capable	Multi-user workflow capable
Integrated SloMo, GFX & audio	Integrated SloMo, GFX & audio	Integrated SloMo, GFX & audio	Integrated SloMo, GFX & audio

ADD-ONS

Xport Software
Automated or manual export of your clips and playlists to network attached or local storage for archiving and repurposing media.

VDR Panel
Web-based UI with expanded multi-channel control for clip playback, program delays, monitor wall playback and many other scenarios.

Web Commentator
Full web-based UI for audio commentary from remote talent, with an integrated low latency program multiviewer.

Web Multiviewer
The Web Multiviewer offers low latency, web browser video and audio multiviewers for local and/or remotely located users.

BMR Software
Iso-recorder for all inputs and program outputs that allows to encode and stream your production to the web utilizing standard protocols.

VIBOX SLOMO
Ultra Intuitive and Scalable Live Replay

ViBox Slomo is the most intuitive and scalable live replay system on the market, designed for high quality live sports productions of any size.

How many cameras does your production have? Four in HD? How about 12 cameras or six in UHD? We let you do it all. For larger productions, ViBox Slomo can scale up to dozens of HD cameras across a network of ViBox SloMo servers fed to multiple UIs. With all that choice, operators can decide the camera layouts they need.

ViBox Slomo is also designed for the way operators want to work. Some may prefer the familiar SloMo remote control with an intuitive button layout and a jog wheel. Others love working with our touch-screen UI with its easy-to-access controls and great feeling scroll pad. And some operators want to work with both at the same time... ViBox Slomo does it all.
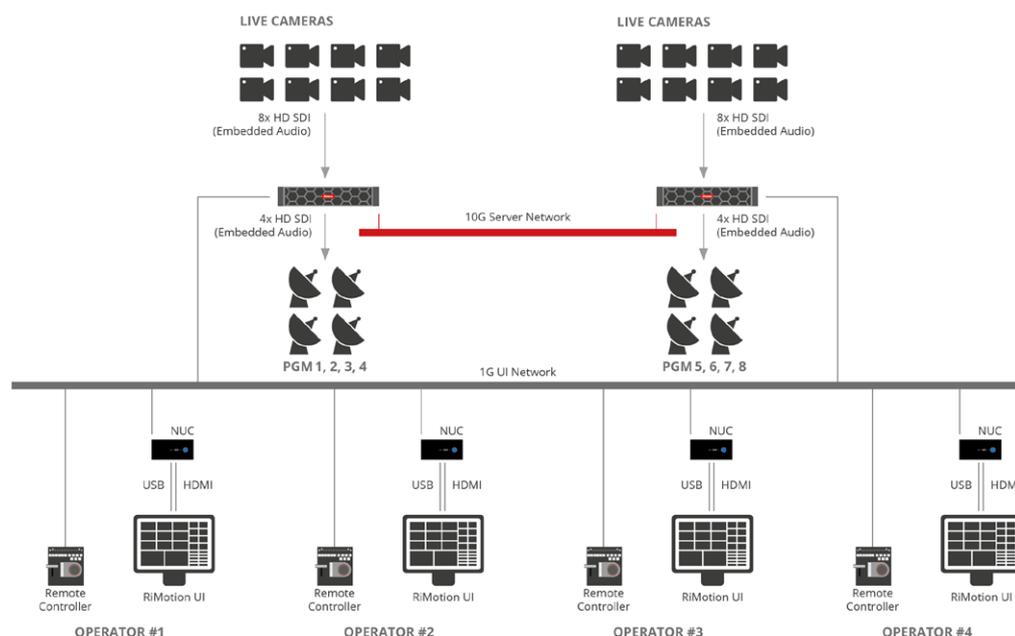
Intuitive. Reliable. Scalable. Your replay operators will love working with ViBox SloMo and your directors will love the way it looks.

FEATURES

- Remote Workflow Capable
- Highly Scalable
- Up To 15 Inputs / up to 6 Outputs
- Super Slow Motion Recording (up to 8x SSM)
- 1000 Playlists
- Export Playlists
- Keywords/Tagging
- Import/Export of Content
- Remote Controller Option
- PiP Clock Overlay Option
- Animated Graphic Wipes/RTDs
- Multiple Replay Source Layouts

ViBox UHD SloMo	ViBox 16 SloMo	ViBox 12 SloMo	ViBox 8 SloMo
Up to 11 UHD inputs	Up to 15 inputs	Up to 11 inputs	Up to 7 inputs
Up to 4 outputs	Up to 6 outputs	Up to 6 outputs	Up to 6 outputs
Multi-user capable	Multi-user capable	Multi-user capable	Multi-user capable
Multi-server expandable	Multi-server expandable	Multi-server expandable	Multi-server expandable
Remote workflow capable	Remote workflow capable	Remote workflow capable	Remote workflow capable

Multi-Server Multi-User Workflow

E-SLOMO

Revolutionary AI Driven Super Slow-Motion
for Live Production, Post, and Archive

e-Slomo is a revolutionary software application that uses artificial intelligence to create super slow-motion sequences from standard camera footage. It's the perfect tool to create emotive promos, openers and closers, or to give new life to your archived content – all at a fraction of the cost of dedicated high frame rate cameras.
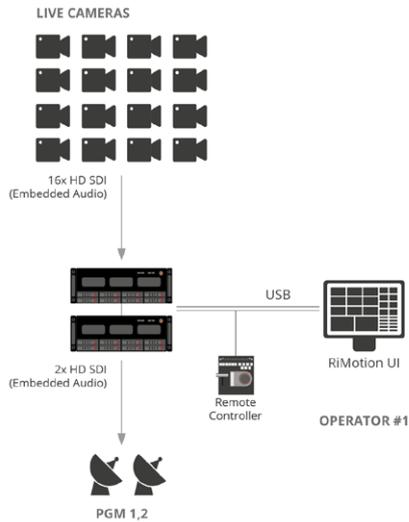
e-Slomo software can be used both online and offline and can be installed on premise or in the cloud, making its deployment very flexible. The creation of e-Slomo clips is extremely fast, requiring only a couple of seconds of buffering time. Simply cue the start of your replay, send it to e-Slomo, and in moments your super slow-motion sequence will be ready for broadcast.

e-Slomo is fully compatible with our complete range of live video production solutions, and integrates seamlessly into any replay, studio, or post-production workflow. Deplayable on premise or in the cloud, this tool allows to create super slow-motion content from any remote location – even from home.

FEATURES

· AI-driven, leveraging the latest generation of Nvidia GPUs
· Deployable on premise or in the cloud
· Various formats, including 720p, 1080i, 1080p, and UHD
· Use with ViBox SloMo to provide instant super slow-motion in your live environment

e-Slomo ViBox Example Workflow

e-Slomo User Interface

REFBOX

Flexible, Affordable Video Review

The RefBox video review has all the essential capabilities that you'd expect in a typical review system for sporting officials on the courts or coaches in the locker rooms – but is equally suitable for multi-camera review in medical or security applications. Up to 25 cameras are in sync. It's easy to swipe through a shot on the touch-screen UI – just touch the screen to select multiple angles to compare, pinch and zoom into the shot. Easily run through the action frame by frame on the screen.
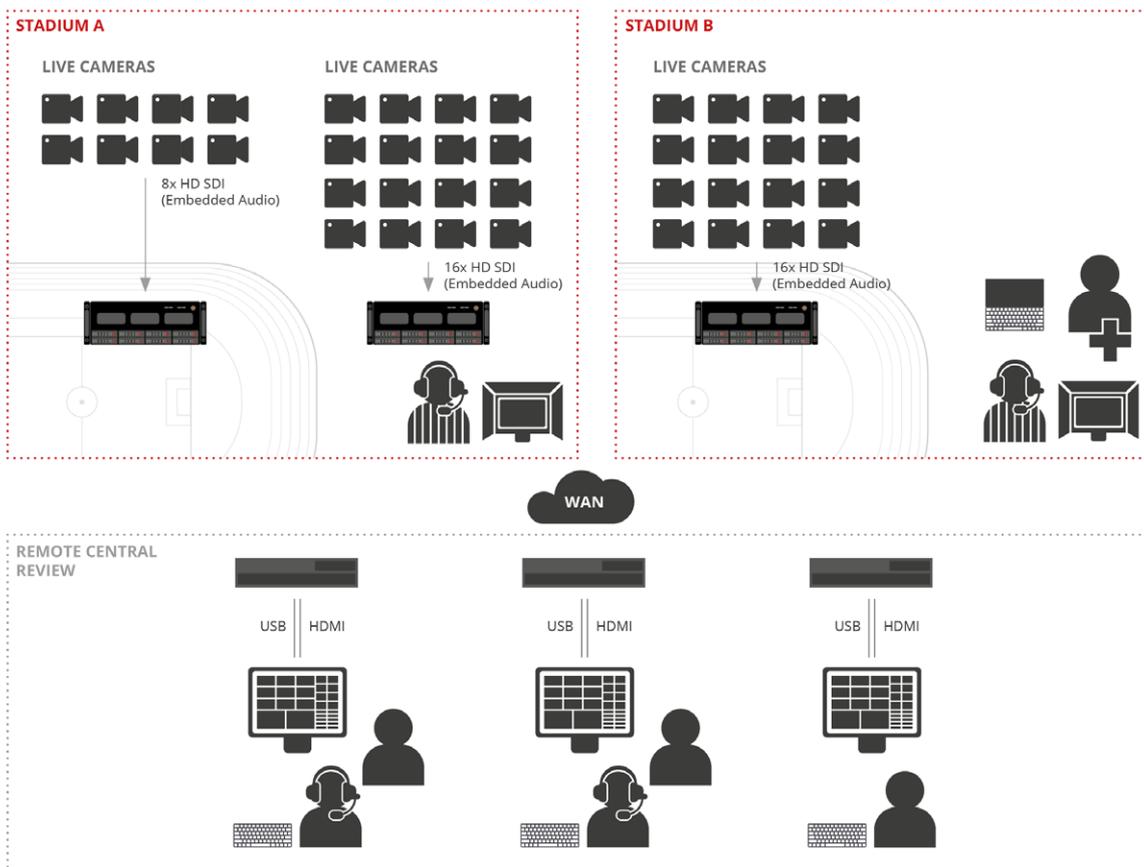
The biggest difference between RefBox and other review systems is that you can run other Simplylive applications on the same platform. That means on Friday, the system can be used for referee review at the basketball game. On Saturday, the same system can be an an All-In-One production system for the football game. During the week, the coaches can analyze players performance back on RefBox. What if you need both live production capability and official review at the same time? Not a problem – the Simplylive Production Suite has the power to easily manage both of these critical tasks.

FEATURES

· Super Motion Recording
· Multiple Layouts
· All Angles Pinch & Zoom
· Browse, Search & Play @ Different Speeds
· Remote Workflow Capable
· Multiple Users
· Flexible User Roles
· Export to Multiple Formats
· PiP Clock Overlay Option
· Keywords/Tagging
· Remote Controller Options

RefBox UHD	RefBox 16	RefBox 12	RefBox 8
Up to 12 UHD source inputs	16 source inputs	12 source inputs	8 source inputs
Multi-user and remote workflow capable	Multi-user and remote workflow capable	Multi-user and remote workflow capable	Multi-user and remote workflow capable
Multi-server expandable for additional source cameras	Multi-server expandable for additional source cameras	Multi-server expandable for additional source cameras	Multi-server expandable for additional source cameras

RefBox Remote Central Review Workflow Example

VIBOX BMR

Flexible & Integrated Ingest Recorder

The ViBox BMR ingest recorder offers a flexible set of features going far beyond the average master and ISO recording system.
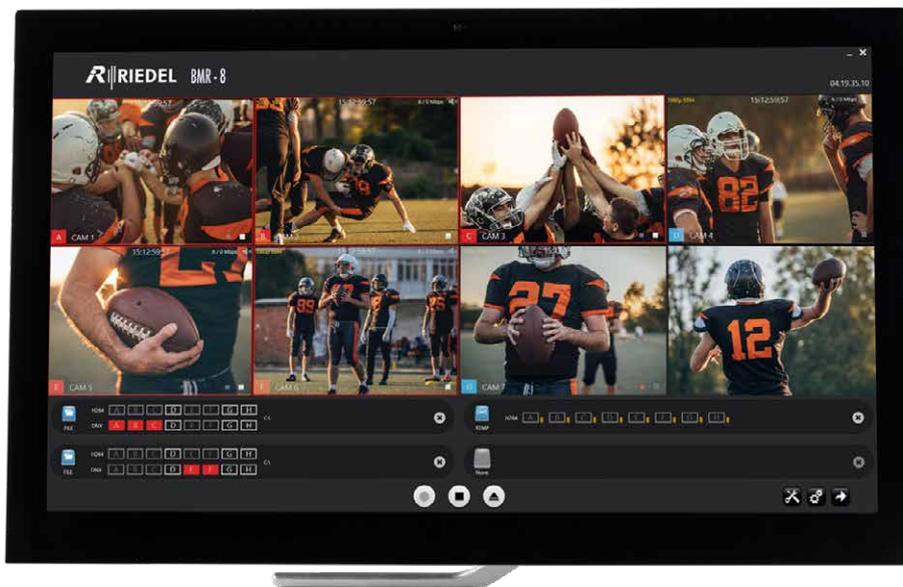
ViBox BMR is fully integrated into the Simplylive Production Suite. Depending on which ViBox server you have, BMR can be running transparently on the same system and recording at the same time as other Simplylive applications. Or use that same ViBox system to run other Simplylive applications...like multiple ViBox SloMo applications, or SloMo with a RefBox Review application.

ViBox BMR doesn't just record locally. It can record to network-attached storage, FTP sites and live stream to the web – all at the same time.

FEATURES

· Simultaneous multi-destination streaming to local storage system (USB, HDD), network storage system (SAN, NAS) and FTP
· Simultaneous web streaming - H.264 and H.265 codecs utilizing RTMP or HLS
· Primary Record Codec - DNxHD and other flexible options
· Remote workflow and multi-application capable

BMR UHD	BMR 16	BMR 12	BMR 8
8 UHD source inputs	16 source inputs	12 source inputs	8 source inputs
Multi-user and remote workflow capable	Multi-user and remote workflow capable	Multi-user and remote workflow capable	Multi-user and remote workflow capable
Multi-server expandable for additional source cameras	Multi-server expandable for additional source cameras	Multi-server expandable for additional source cameras	Multi-server expandable for additional source cameras

BMR - 8 UI

RIEDEL