

# QTAKE workflow.

The ecosystem of QTAKE software and hardware tools developed for professional filmmakers opens the next chapter of hybrid on-set and remote collaboration for productions of any size and budget.

Get in touch with us at [in2co.re/contact](https://in2co.re/contact) to discuss your requirements.

# An eye-opening experience.



# Playback in your hands.

Personal video assist and note sharing.

Producer wants to see the best takes of the day. Director wants to compare the actions of the last shot. DoP wants to check focus on the previous take.

All at the same time! Impossible? Not with QTAKE.

Unlike traditional video village, QTAKE provides independent, decentralized playback for any authorized crew member, with all the markers, notes and controls. Additionally, each clip comes with a rich set of metadata used to describe its content and provide instant navigation through thousands of assets.

## PRODUCER

Supervise your production remotely using secure live stream from set or watch the best takes of the day with director's comments.

## D.O.P

Review and annotate your HDR dailies on a calibrated iPad screen. Compare versions of grading and send notes back to color artist.

## SCRIPT SUPERVISOR

Playback any take, any time, anywhere. Make notes faster with predefined choices. Create custom reports with more info and less effort.

## SET DRESSER

View your set from multiple angles using live multi-camera feed and check continuity with independent access to clips shot on the same set.

## DIRECTOR

Add your own clip markers, ratings and editor notes. Get instant access to second unit clips as soon as they have been shot.

## GAFFER

Store your lighting setup as a metadata attachment for each scene. Instantly compare reference shots with a live view from multiple cameras.

## VFX SUPERVISOR

Use industry standard database fields and add range notes with hand-drawings. Check live composites against pre-rendered VFX previews.

## ASSISTANT CAMERA

Create better camera sheets with less effort using camera metadata readout. Instantly share your notes with the script supervisor or VFX wrangler.

# Monitor anywhere.

On set & off set. On any screen size.



Whether you are a boom operator using a wrist-strapped iPhone, costume designer with an iPad or a producer watching the daily work of any unit in your office on a big 4K HDR screen – QTAKE has got you covered.

## WIRELESS AND INDEPENDENT

QTAKE has changed traditional video village forever with the release of the QTAKE Monitor app that provides wireless live monitoring, independent video playback and collaborative metadata editing.

## REMOTE ACCESS

If the producers or clients are not present on set, they can still watch live stream from each camera or access recorded clips with metadata just seconds after they have been shot.

## MULTI-UNIT CONNECTION

As soon as the second unit captures new take, it is automatically transferred to the main unit to be reviewed by the director. Director's feedback is immediately available to 2nd unit crew.

## SECURITY COMES FIRST

Unlike streaming devices that have little control over client access, QTAKE Monitor features fine-grained user management, DRM-like screenshot protection, forensic watermarking, two-factor authentication and true end-to-end encryption.

Major Hollywood studios have performed security assessment of the QTAKE ecosystem and approved its usage on major productions, where it is used to provide the missing link between multiple units and secure realtime collaboration over the internet.

## FITS ALL SCREEN SIZES

Client-side application QTAKE Monitor is available for free on the App Store and can be installed on your iPhone, iPad or Mac. And if you prefer the king size, it is now available for Apple TV!



# Beyond video assist.

Over the 14 years of its existence, QTAKE has evolved from video assist system into indispensable filmmaking tool which is present on set of major blockbusters as well as small independent productions.

New QTAKE Pro version offers flexible licensing, single sign-on via SAML, instant playback, streaming to unlimited number of clients and the next level of performance with native Apple Silicon and Metal code.

## ADVANCED VIDEO ASSIST

Every rehearsal, every take, every metadata change is recorded. All clips are tagged to allow instant navigation through months of shooting. Image processing is performed in real time and is fully interactive. Combined with multi-camera media access and collaborative metadata editing it gives filmmakers amazing control over the creative and technical process and bridges the gap between production and postproduction.

## LIVE COLOR GRADING

Grade module provides sophisticated color grading effects that can be applied to live signal or playback. In addition to internal QTAKE processing, color correction can be dynamically uploaded to external LUT boxes, or exported as a 3D LUT to a 3rd party application. Moreover, QTAKE provides integration with Pomfort's Live Grade Pro for non-destructive live color grading.

## VFX & CGI PREVIEW

From its beginning QTAKE was designed to provide real-time image processing, because there is no time for slow rendering on set. It starts with the high quality chroma key with despill control and garbage mattes and ends with live CGI graphics where virtual camera is controlled with motion control or motion tracking data coming to QTAKE live over the network.



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## FEATURES OVERVIEW

Touchscreen UI • Up to 8x HD • Up to 4x 4K • Auto-record • SDI Metadata • Apple ProRes Certified Custom Clip Metadata • Off-speed Playback • Real-time Speed Ramps • Live Composite GPI Triggering • MoCo Support • Real-time CGI • Stereoscopy • Color Grading • LUT Box Support Realtime Scopes • Control Surface Support • RAW Image Processing • Integrated Editing • Live Cut Export to NLE • ALE Import & Export • Custom PDF Reports • Video Router Control On-set Streaming • Wi-Fi Talkback • Cloud Streaming • HDR • Dolby Vision®

## PARTNERS



## QTAKE CLOUD

Unlike other media review and management systems, QTAKE doesn't require internet connection to provide seamless on-set collaboration via local QTAKE Server. But if the remote access is required, QTAKE Cloud can provide both live stream from set as well as fast and secure access to recorded assets. Additionally, automatic push to Moxion or ShotGrid systems is available.

## RAW PROCESSING & PIPELINE

Pipeline is one of the most powerful tools in QTAKE, used to read media files, apply color grading, clip effects, overlays, scaling, and export them into multiple deliverables in a single process. By matching imported RAW media to existing video assist clips, all effects and metadata are preserved, making the dailies creation effortless and efficient.





# Studio-grade security.

**Content protection from the start.**

The power to instantly share pre-release content comes with the responsibility to protect it. QTAKE ecosystem is equipped with the most complete security feature set ever found in a collaboration tool.

## TWO FACTOR AUTHENTICATION

In addition to complex password requirements set according to MPA guidelines, QTAKE provides a built-in TFA system with authorized devices used as hardware tokens.

## SINGLE SIGN-ON VIA SAML

Large-scale productions and studios who prefer to use their own user authentication and identity management system can use our SSO integration with SAML 2.0 compatible identity providers.

## END-TO-END ENCRYPTION

QTAKE is streaming only to authenticated and authorized clients and uses true end-to-end encryption to provide protection against man-in-the-middle attacks.

## SCREENSHOT PROTECTION

Using DRM-like content protection on the system level, only approved crew members are able to create screenshots or screen-recordings on their monitoring devices.

## VISIBLE WATERMARK

QTAKE offers a system-wide watermark with custom size, position, and transparency level for visible identification of the pre-release content and authorized user.

## INVISIBLE WATERMARK

In case visible watermarking is not an option, productions can use the latest forensic watermarking technology from NAGRA, available in both live stream and playback.

## SECURITY ASSESSMENT

All applications inside QTAKE ecosystem are audited on a regular basis by Independent Security Evaluators to comply with the latest standards in content protection.

## USER ACCESS CONTROL

Rich set of permissions grouped in customizable user roles offers fine-grained access control to media and metadata in order to streamline the collaboration workflow.





# Record SDI on your iPad.

Video input for smartphones and tablets.

## SCREENPORT SDI+

Today's tablets and smartphones feature amazing displays that often exceed the quality of dedicated portable and on-board monitors. In addition to color accuracy, wide gamut, low power consumption and low weight, they offer a touchscreen interface and incredible computing power. But they lack video input.

ScreenPort SDI+ turns your tablet or smartphone into a professional monitor. It uses standard 3G-SDI connector to capture up to 1080p60 video, audio and ancillary data.



## SOFTWARE

ScreenPort SDI+ comes with a free app that provides monitoring, recording and playback, color calibration using custom 3D LUTs, image transformation, custom frame lines, video scopes, focus peaking, etc.

Additionally, QTAKE apps can provide real-time VFX, editing and color correction tools, cloud based streaming and project collaboration, hand-drawn frame-based notes and much more.

## SDI METADATA

In addition to timecode and record flag, ScreenPort SDI+ can read camera metadata embedded into SDI signal. This includes clip name, camera speed, shutter, focal length, focus distance and other useful information. All extracted metadata is available during recording and playback.

## CAMERA TO CLOUD ... AND BACK!

The perfect solution for smaller productions or splinter units that don't require on-set video assist. Automatic recording and upload of clips to QTAKE Cloud makes them instantly available to the remote crew.

However, unlike other camera-to-cloud solutions, QTAKE Cloud can send notes and new clips back to the camera, creating a truly collaborative ecosystem.



# Problem solved.

Devices designed for specific industry needs.

## METACODER

Wireless senders strip out ancillary data from the camera output. MetaCoder was designed to solve this problem and to preserve SDI metadata regardless of the transmitter type.

In addition to SDI metadata extraction, MetaCoder can access additional information from cameras and lenses using serial and ethernet connection. Moreover, network interface can be used to wirelessly send UDP data from motion control or motion tracking systems.

MetaCoder also features built-in video encoder to provide wired or wireless video stream to smartphones, tablets and computers, similar to ScreenPort SDI+.



## QOD+

QOD+ provides superior hardware solution for GPU driven video output. It converts DisplayPort output to four SDI outputs supporting all standard frame-rates, up to 60fps.

Color grading, live compositing, raw image debayering and all other image processing is performed in real time, using the power of the graphics cards.

QTAKE Output Device was designed to provide low-latency processed output from the computer by converting GPU output to a single 4K or four 3G SDI feeds. If DisplayPort output doesn't provide sound, auxiliary input can be used to embed audio into SDI outputs.





