

Adobe + EDUCATION

Are you a **faculty member** at a film program wanting to optimize your remote editing and collaboration workflows?

Reach out to us at
filmedu@adobe.com



SMPTE

Introductions



Jonathan Solomon

Partner Solutions Architect, Media & Entertainment at
Amazon Web Services



Maciej Ochman

SMPTE Section Chair
Washington DC



Ben Kilburg

Senior Account Executive
CHESA



Morgan Prygrocki

Sr. Strategic Development Manager
Adobe



Michael Cioni

Sr. Director of Global Innovation
Frame.io | Adobe



Austin Case

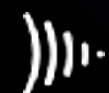
Engineer
Frame.io



Dave Helmly

Head of Strategic Development Adobe Professional Video
Adobe

[Frame.io](#) | Camera to Cloud



Agenda

- SMPTE
- Introductions
- CHESA overview
- Frame.io C2C Review
- Frame.io Live Demo
- Panel Discussion

SMPTE



Jonathan Solomon

Partner Solutions Architect, Media & Entertainment at
Amazon Web Services



Ochman, Maciej

SMPTE Section Chair
Washington DC



CHESA

CHESA Highlights

- 30+ years young
- 50+ team members and growing
- 100+ Service Level Agreements
- Authorized Reseller and Support Provider
 - Adobe Video Solution Partner
 - AWS
 - CatDV
 - EditShare
 - IPV
 - ScaleLogic
 - Quantum
 - OpenDrives
 - Others...



Camera to Cloud

Cloud-First Production

CHESA

Frame.io
An Adobe Company

Adobe



Frame.io
An **Adobe** Company

2 million users

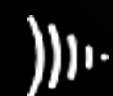
Michael Cioni

Sr Director, Global Innovation

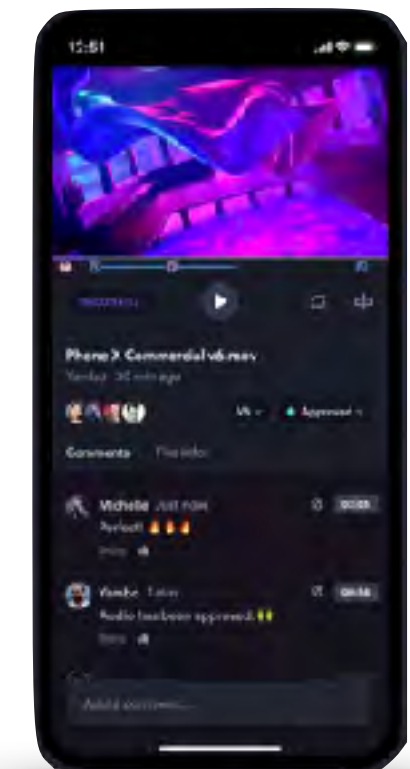
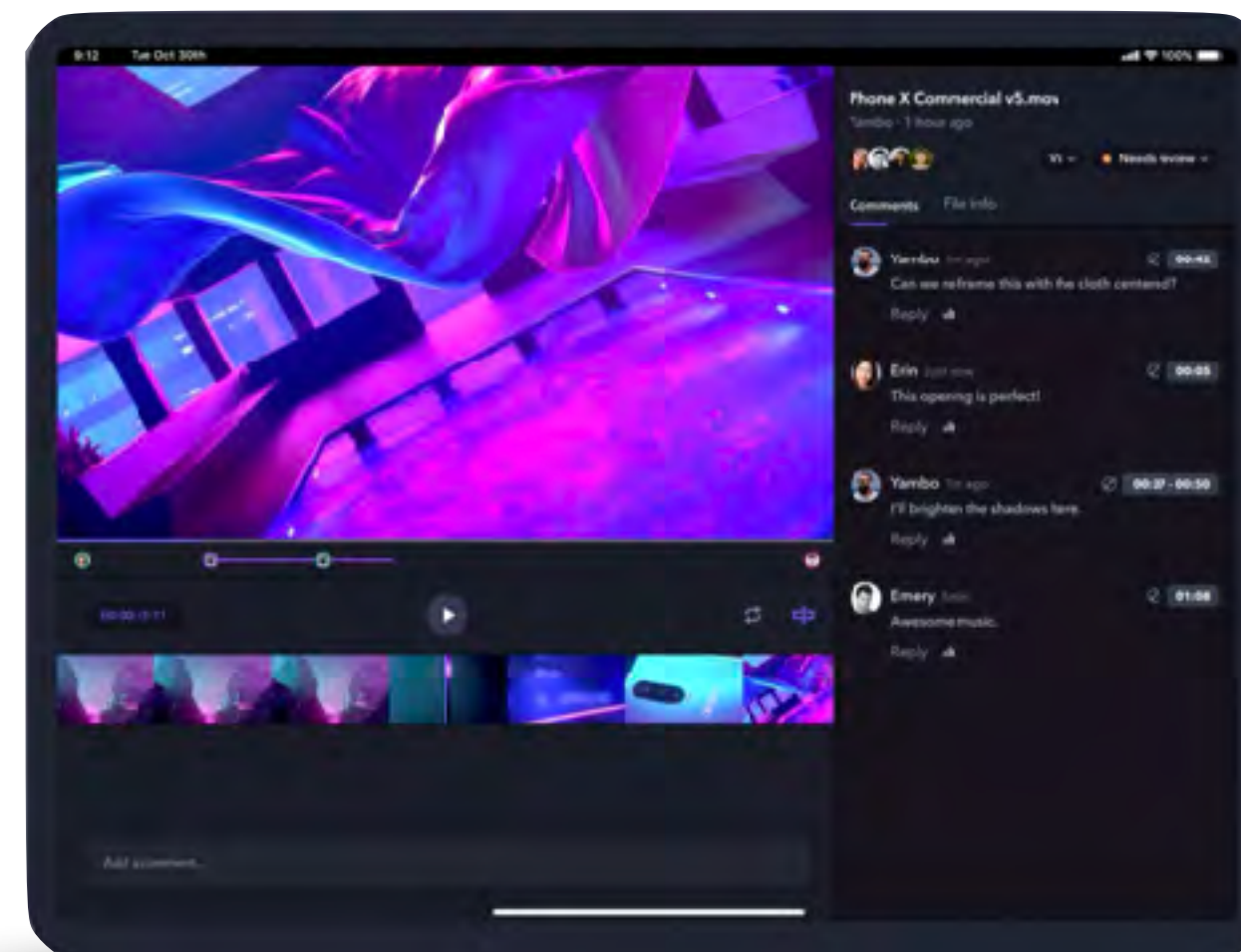
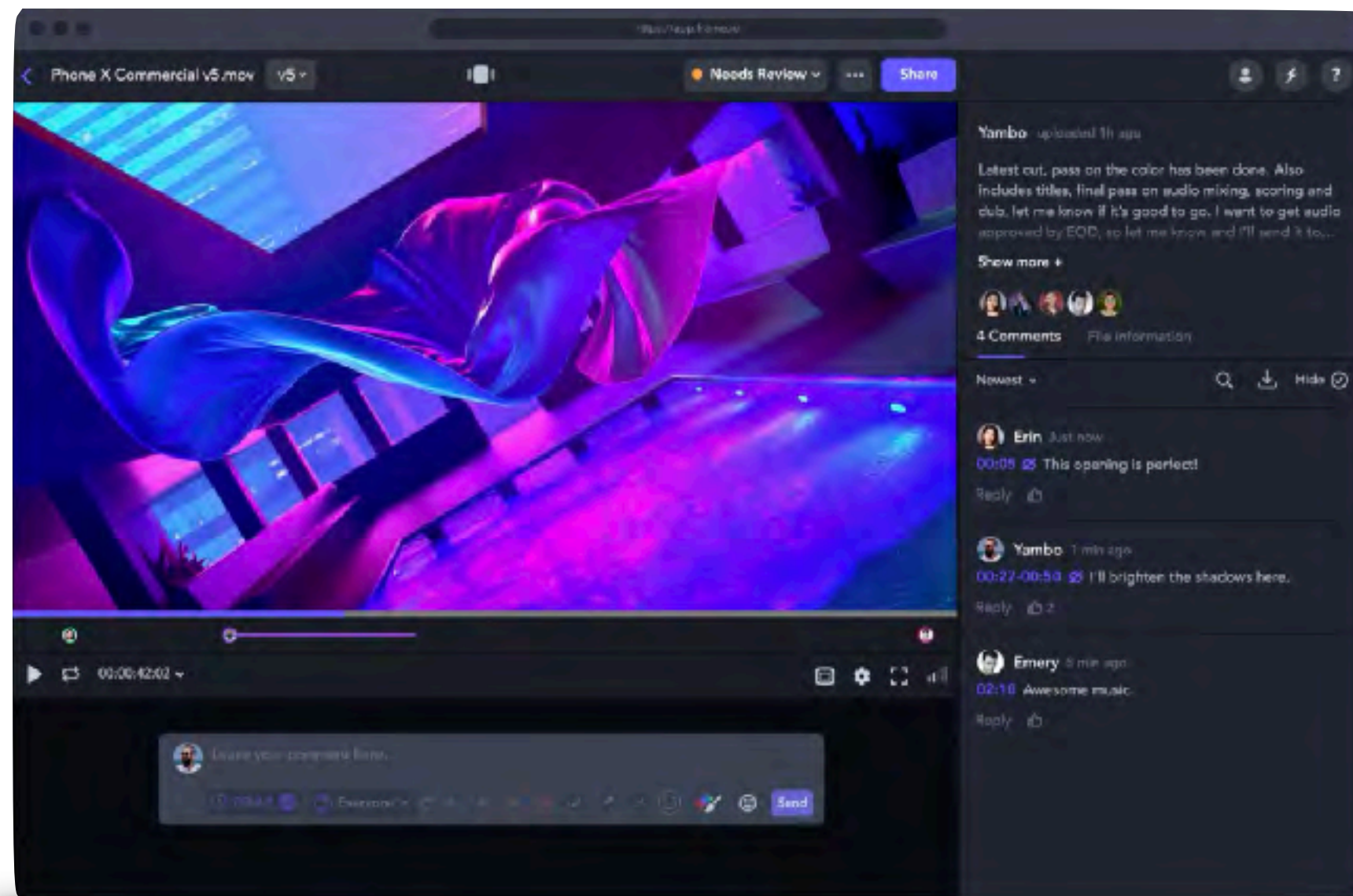
✉ mcioni@adobe.com

🐦 [@michael_cioni](https://twitter.com/michael_cioni)

📷 [@michaelcioni](https://www.instagram.com/michaelcioni)



))) Frame.io



Camera to Cloud

Fully automated

Shoot. Upload. Edit. Conform.

C2C Version Roadmap

Announced Feb 11, 2021

Released March 31st, 2021

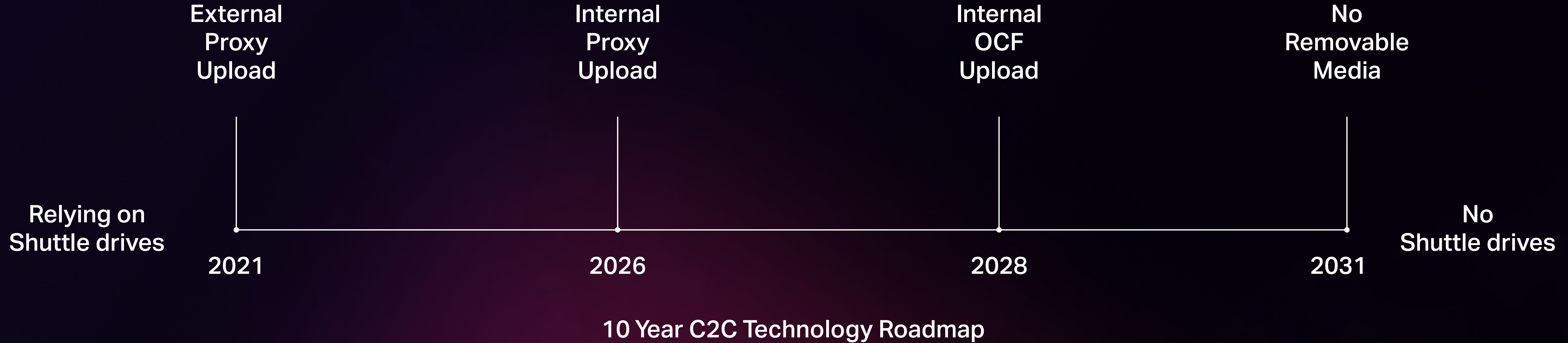
Update Nov 16th, 2021

Update NAB 2022

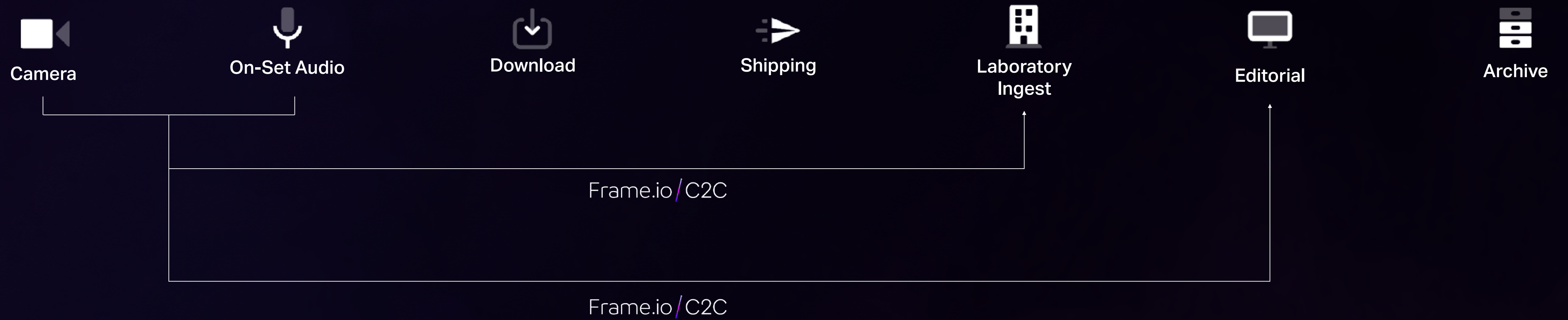
Why does the world need C2C?




The path to a Cloud First workflow standard




Universal Workflow Backbone





Making Post and Production Parallel Processes



Camera


On-Set Audio


Laboratory
Ingest


Editorial


Download


Shipping


Archive

Cloud-First Workflow is the future of every market



Cinema



Sports



News

C2C Connections Hardware Partners



TERADEK

Teradek designs and manufactures high-performance video solutions for broadcast and cinema. A Frame.io authenticated CUBE 655 encoder delivers livestreams and camera proxy files directly into Frame.io.



SOUND DEVICES

Sound Devices designs and manufactures the world's leading production sound field recorders. The latest 888 and Scorpio recorders capture and transit original audio files directly into Frame.io.



AATON

Aaton builds professional multi-track on-location audio mixers and recorders. Their Cantar X3 and Mini devices send uncompressed audio files directly to Frame.io.

C2C Connections Software Partners



COLORFRONT

Colorfront has developed the first fully cloud-based dailies rendering platform. Express Dailies is integrated with Frame.io, allowing labs to instantly access the video and audio assets to create dailies.

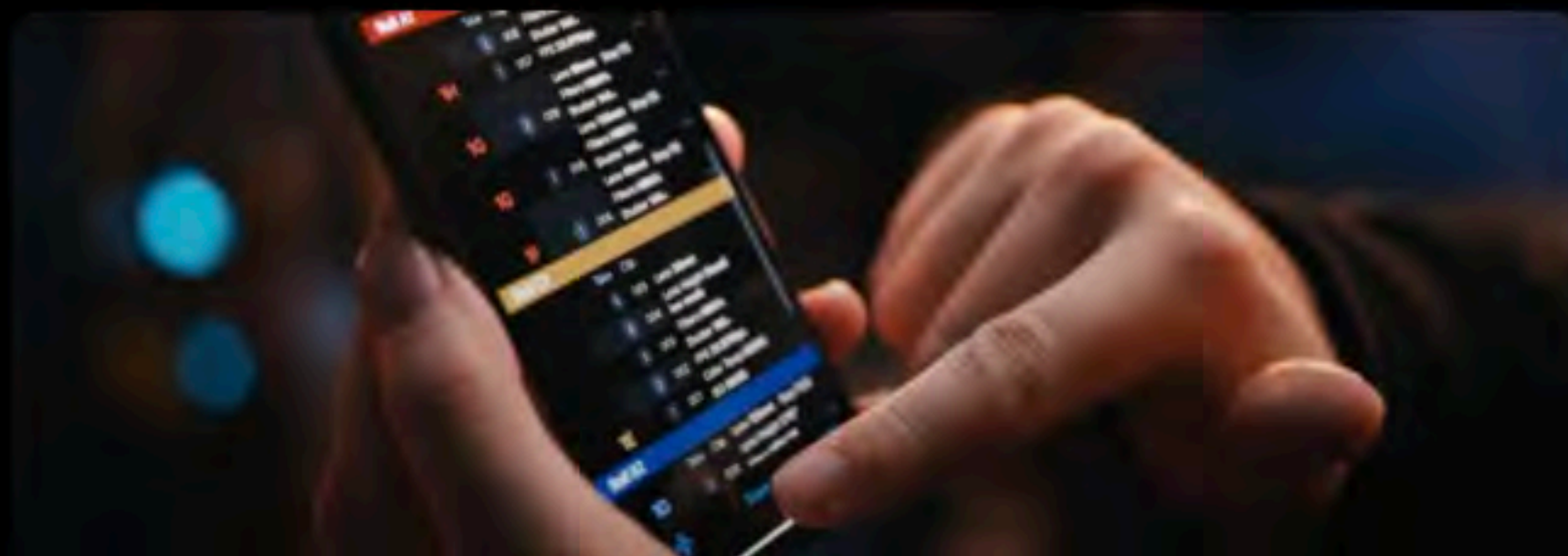
[Visit Colorfront >](#)



POMFORT

Pomfort is a leading creator of professional software solutions for color management in picture and broadcast production. Livegrade and ShotHub upload color correction CDLs and LUTs directly to Frame.io through C2C (available early 2022).

[Visit Pomfort >](#)



ZOELOG

ZoeLog creates easy-to-use, powerful, portable, instantly sharable camera reports. The ZoeLog iOS app uses Camera to Cloud, allowing ACs and script supervisors to distribute camera reports to their production and post teams.

[Visit ZoeLog >](#)



MAGIC VIEWFINDER APP

Magic ViewFinder App is a feature-rich director's viewfinder, enabling creatives to capture camera-sensor and lens-accurate storyboards. The app uploads jpeg and mov files to Frame.io through C2C for pre-vis and location scouting.

[Download the Magic ViewFinder App >](#)

Sound Devices 8-Series



Teradek CUBE 655



ZoeLog



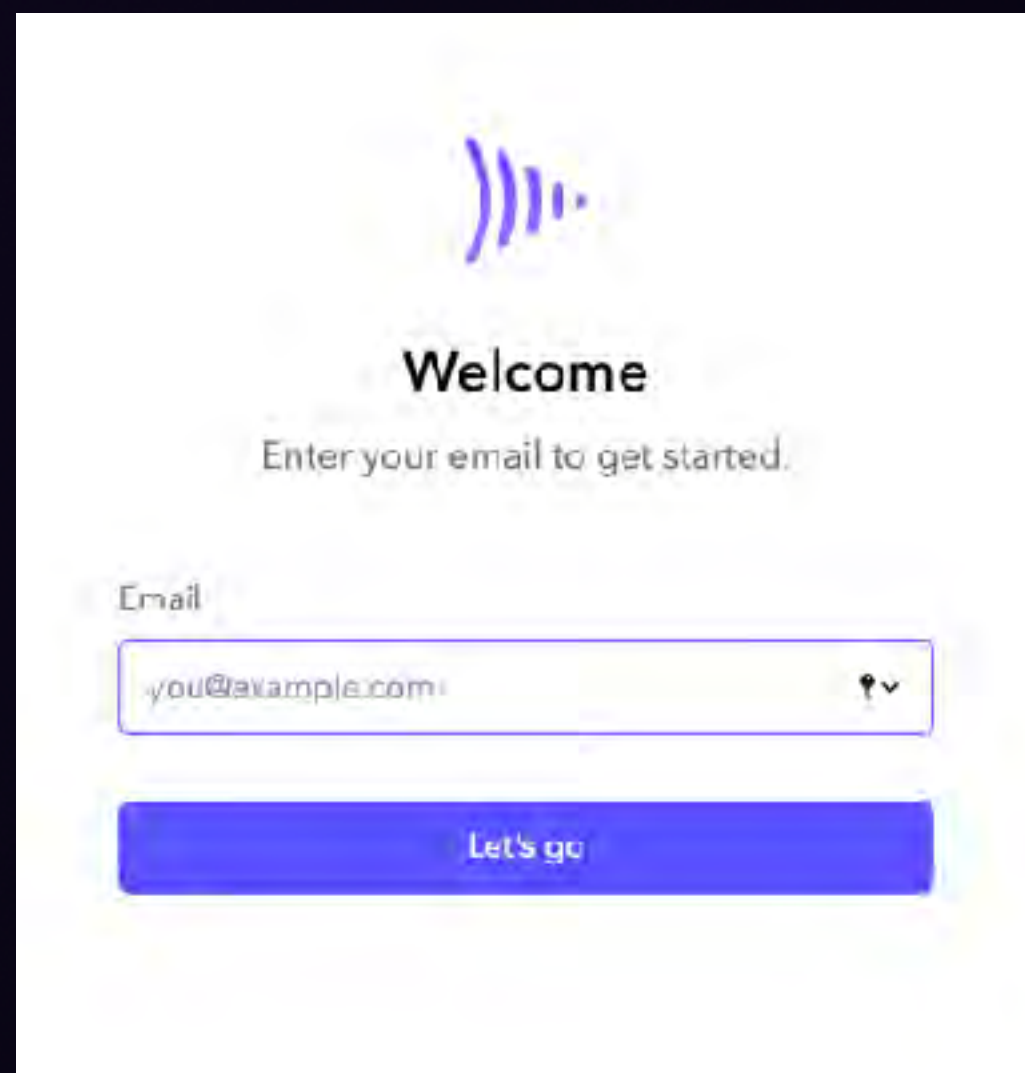
Supported Cameras

Camera	Manufacturer	Record Trigger	Trigger on by Default	Record Trigger Setting Name	Timecode	Clipname
DSMC2 Family	RED	Yes	Yes	N/A	Yes	Yes
Komodo	RED	Yes	Yes	N/A	Yes	Yes
DXL2	Panavision	Yes	Yes	N/A	Yes	Yes
ALEXA Family	ARRI	Yes	Yes	N/A	Yes	Yes
Amira	ARRI	Yes	Yes	N/A	Yes	Yes
Venice	SONY	Yes	No	HD SDI Remote I/F	Yes	Yes
F55	SONY	Yes	No	HD SDI Remote I/F	Yes	Yes
FX6/FX9	SONY	Yes	No	HD SDI Remote I/F	Yes	Yes
FS7	SONY	Yes	No	HD SDI Remote I/F	Yes	Yes
C300 MkII	Canon	Yes	No	Rec Command: On	Yes	Partial
EVA1	Panasonic	Yes	No	SDI REC REMOTE	Yes	No

Live Participation Option:

1

Sign up for a free Frame.io account at www.frame.io



2

Download Magic Arri Viewfinder from the Apple App Store



3

Login to this link to view a tutorial on how to connect

<https://f.io/eW2bCowl>



Frame.io / C2C

Camera to Cloud

Court Side Cloud

Frame.io / C2C

Case Study

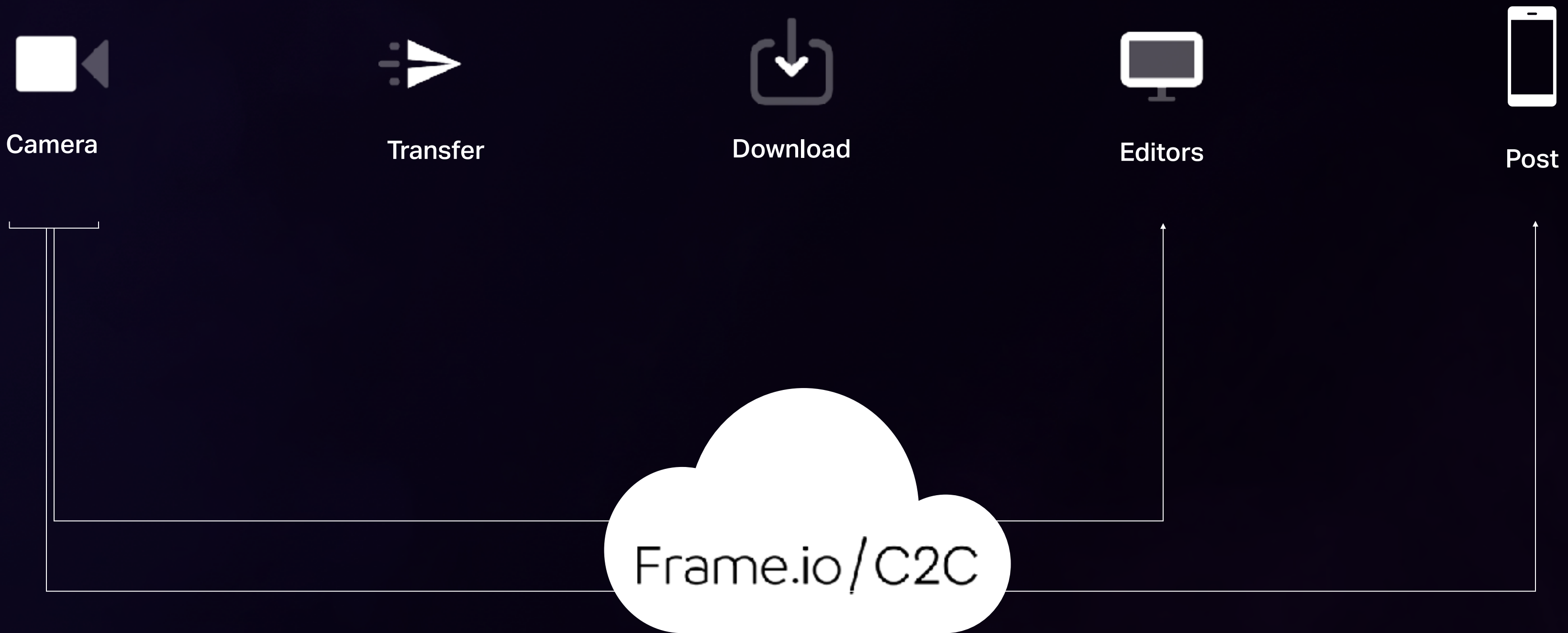


Tom Frenette

Lead Videographer
Golden State Warriors



Warriors C2C Workflow Cloud-First Workflow





00:59
 _1120S1.mp4
 Nov 26th, 3:32pm

02:14
 A123_C011_1120C9.mp4
 Michael C · Nov 26th, 3:29pm

01:06
 _1120TW.mp4
 Nov 26th, 3:02pm

00:54
 A123_C005_1120CW.mp4
 Michael C · Nov 26th, 3:00pm

00:27
 A123_C004_1120GE.mp4
 Michael C · Nov 26th, 2:46pm

00:15
 _11201H.mp4
 Nov 26th, 2:40pm

00:38
 A122_C035_1120AQ.mp4
 Michael C · Nov 26th, 2:40pm

00:41
 A122_C034_112060.mp4
 Michael C · Nov 26th, 2:37pm

00:26
 A122_C033_1120PD.mp4
 Michael C · Nov 26th, 2:37pm

01:00
 _112039.mp4
 Nov 26th, 2:31pm

01:40
 A122_C029_1120Y6.mp4
 Michael C · Nov 26th, 2:29pm

00:07
 A122_C028_1120FK.mp4
 Michael C · Nov 26th, 2:28pm

00:27
 A122_C027_1120D0.mp4
 Michael C · Nov 26th, 2:27pm

00:44
 A122_C026_11205L.mp4
 Michael C · Nov 26th, 2:27pm

00:55

01:40

00:03

00:06

01:38

00:08



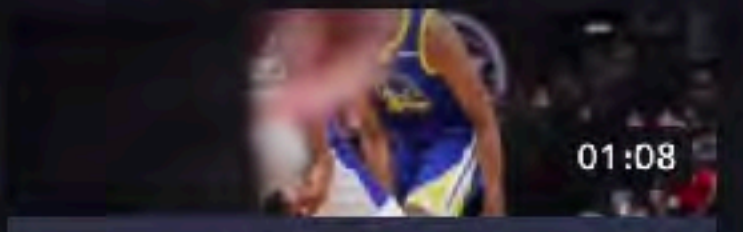
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02:14

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01:08

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Michael C · Nov 26th, 3:11pm



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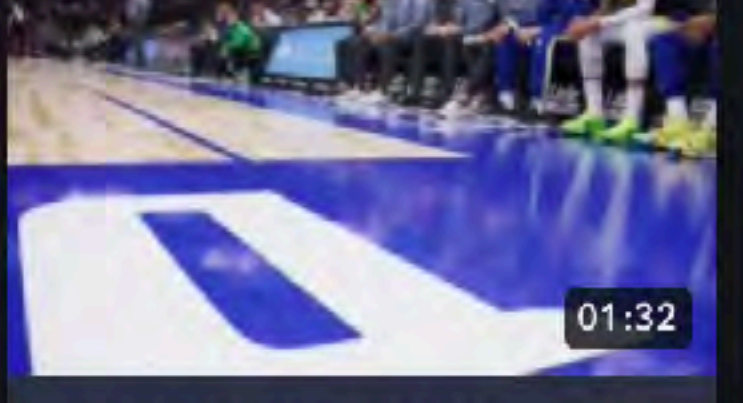
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Michael C · Nov 26th, 2:37pm



01:32

A122_C032_1120MN.mp4
Michael C · Nov 26th, 2:34pm



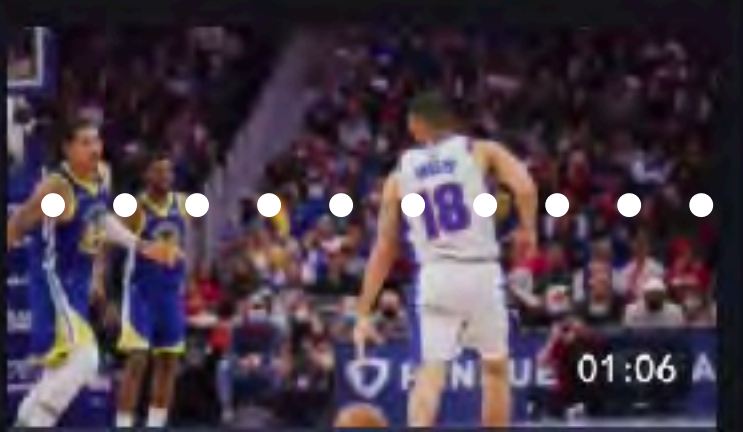
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Michael C · Nov 26th, 2:27pm



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A122_C026_11205L.mp4
Michael C · Nov 26th, 2:27pm



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00:08



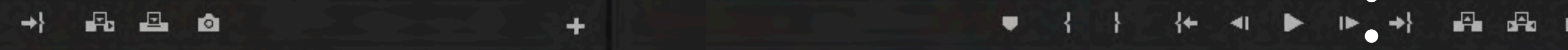
01:18



Full 00:45:50:01



00:08:00:13 Fit



Timeline and audio tracks for the video editing software.

Timeline: 00:00 00:04:59:16 00:09:59:09 00:14:59:02 00:19:58:19 00:24:58:12

Tracks:

- V3
- V2
- V1 (Active)
- A1
- A2
- A3 (Active)
- Mix 0.0

Video clips on timeline:

- A005_C007_0721NN.mp4 [V]
- A005_C008_0721MX.mp4
- B004_C
- B004_C012_0721YS.mp4 [V]
- B004_C013_0721F2.n

Warriors C2C in the Field



RED Camera



Teradek CUBE655

Warriors C2C Tech Specs

Shooting Specs:

RED Gemini

4K to 1080

Fuji 20-120mm

Captured to Teradek CUBE

Captured as AVC (H264)

Encoded at 10Mbs/s

Embedded 2-channel audio

Deliverables Specs

Shoot & deliver highlights to editor 1 minute

- editing natively in Premiere Pro
- imported through Frame.io integration
- send Presentation Links

Shoot & deliver highlights to Twitter 3 minutes

Frame.io / C2C

Set Networking



C2C Transmission



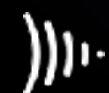
Mobile Modems
Sclera Digital



Static Satellite
FirstMile Technologies



Mobile Networks
Commercial Hotspots



C2C Transmission



- Satellite internet
- OS internet sharing
- Ethernet router
- Teradek CUBE
- RED Komodo
- Frame.io C2C

C2C at 35,000 feet

app.frame.io

MR CIONI ACCOUNT ▾

Jump to project or file...

Search

Inbox 1





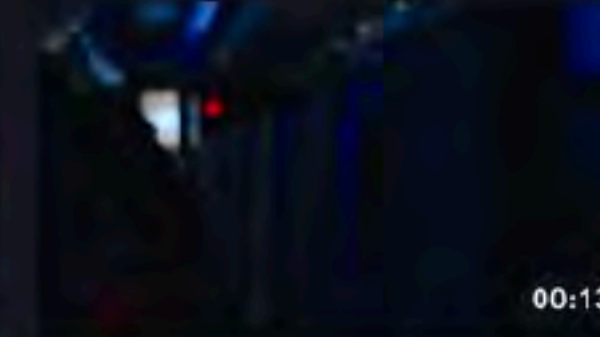


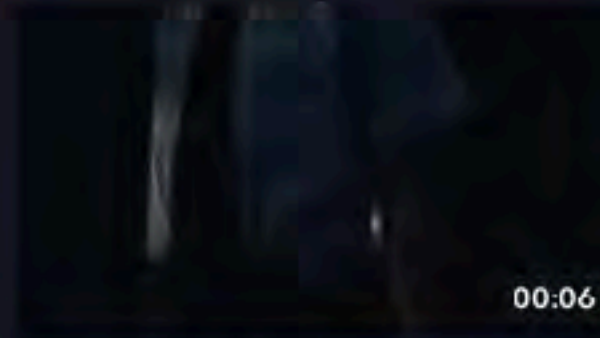
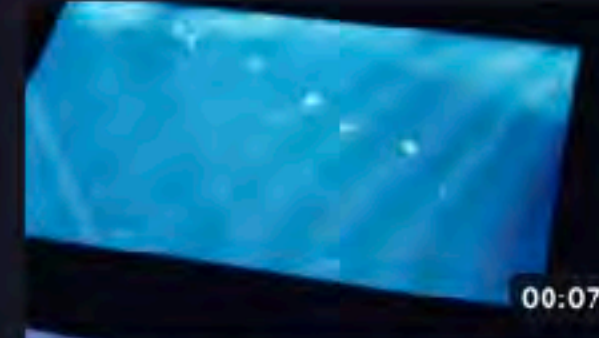






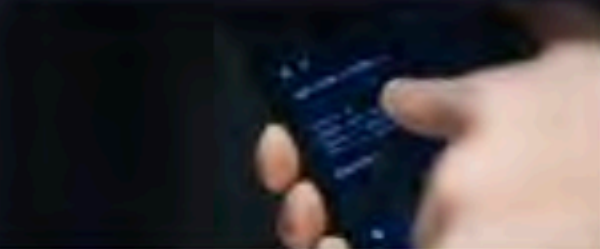
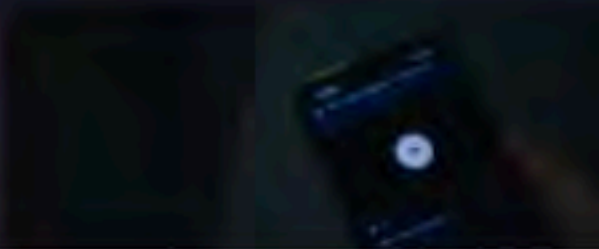
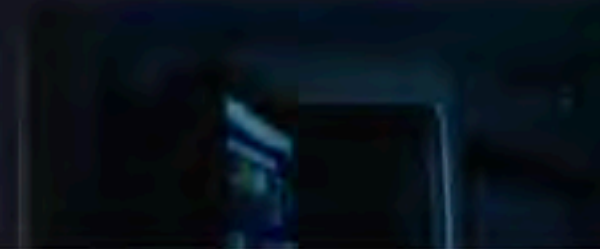

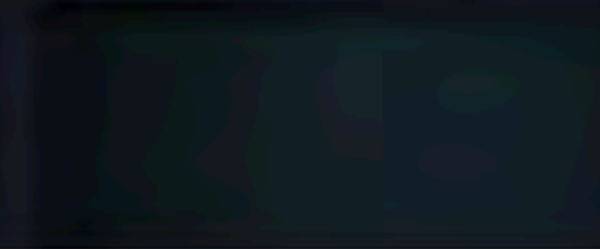
ENTERPRISE DEMO +

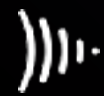
C2C

C2C > Cloud_Devices > 2021_11_13 > AV_sync

Media Review Links Presentations C2C Connections

34 items, 48.05 MB Date uploaded ▾

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 A001_C196_1113CH.mp4 Michael C · Nov 13th, 1:35pm	 A001_C195_111399.mp4 Michael C · Nov 13th, 1:35pm	 A001_C194_1113A0.mp4 Preparing for playback...	 A001_C193_1113WW.mp4 Michael C · Nov 13th, 1:35pm	 A001_C192_1113IO.mp4 Michael C · Nov 13th, 1:35pm
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What Do I Do Next for C2C?

1 Teradek CUBE's available at Chesapeake Systems



Ben Kilburg

Senior Account Executive
CHESA



Morgan Prygrocki

Sr. Strategic Development Manager
ADOBE

2 Sign up for a free test Team Frame.io account at frame.io/pricing

Team

More options to
customize workflow

\$ **25** per user
per month

Maximum of 15 users

[TRY FOR FREE](#)

Adobe + EDUCATION

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Questions



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