

## Ingest in the cloud, on-premises, or on-the-go to deliver real-time streaming content with rich innovative services for viewers and professionals alike.

**Broadcasters, Media Publishers, and Smart Stadiums** can now harness the world's lowest latency to deliver video, audio, and data content from anywhere to everywhere in less than 500 milliseconds. Mobii's patent-pending Microblock technology powers our encoders for faster delivery than WebRTC's, using CMAF in HLS/DASH and leveraging its advantages.

**Encode & distribute locally or globally** with video, audio & data distribution designed with simplicity, speed & efficiency in mind.

**ON PREMISES**



**SMART ENCODER**

**ON-THE-GO**



**ONE ENCODER**

**CLOUD**



**VIRTUAL ENCODER**

**FEATURES**

- ✓ Microblock-enabled
- ✓ Sub 500 millisecond latency
- ✓ Built-in self-healing video
- ✓ High-quality video
- ✓ Built-in security
- ✓ Cloud-ready

## Speed, synchronization & interaction at scale

### Latency

Mobii enables a global End-to-End latency and TTFF of less than 500 milliseconds. This is achieved by solving Encoding, Distribution and Playback latency. We enable a fast start-up time as low as 100ms.

### Interaction

Microblock Technology enables perfect frame-level synchronization of multiple video, audio and data streams, where viewers can actively engage and direct their own experience.

### Scalability

Mobii generates CMAF (Mpeg-Dash / HLS) streaming outputs, which are compatible with every major CDN and your video player of choice.

## Virtual encoder

Fast, flexible, secure & scalable cloud encoding on demand designed for broadcast teams & OTT platforms without the need of physical encoders

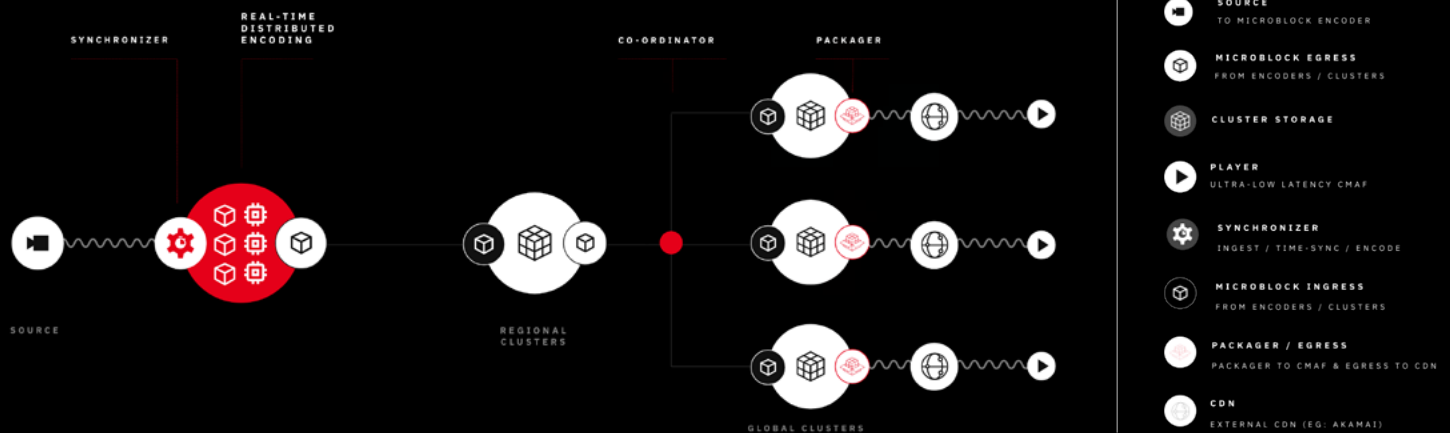
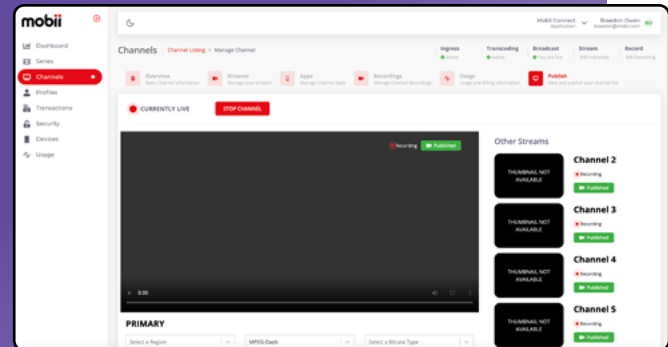
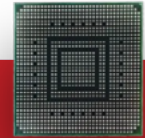
Multiple streams can be delivered to remote production studios or end-user devices, globally, in real-time & in different output formats. This reduces operating and logistics costs & introduces performance efficiencies.

## Streaming is now faster & easier

- 1 **Connect** your input devices to our connect platform
- 2 **Setup** your channel and get your output feeds
- 3 **Start streaming** on a monthly plan and scale up and down on demand

**<500 ms**

END-TO-END  
LATENCY



### Ingest formats

SDI, NDI, SRT, RTMP, RTSP, MPEG-TS, with Zixi & SMPTE 2110 upon request

### Player support

Compatible with standard output players or personalized Multi-angle configuration, PIP & Data Overlays

### Output formats

CMAF ( Dash / HLS ) SDI, NDI, SRT, RTMP, RTSP & MPTS

### Video feed ingest & output

Available in any standard featured resolution & frame rate

### Edge servers & CDN

Microsoft Azure, AWS, Google Cloud, & Akamai

**<500 ms**

END-TO-END  
LATENCY



## Smart encoder

**Designed for semi & permanent on-premises installation.** Deploy it in Stadiums/Arena's, Broadcast production sites, Data Centres & Outside Broadcast vehicles

It can ingest up to 56 concurrent feeds in a variety of input video sources such as SDI, NDI, SRT, RTMP, RTSP, MPTS, and SMPTE 2110 upon request. The encoder will ingest, synchronize, encode and upload Microblock streams to the nearest cloud regional edge cluster for global distribution or output from the variety of streaming formats to local network for on-premises usage.

## Stadium & broadcast ready

### Ingest & Store

Create a central ingestion point for all video content within your stadium environment. Connect to both existing fixed/mobile and broadcast camera source feeds, with support for a variety of ingest formats.

### In-Stadium Distribution

Encode and store video directly on the Smart Encoder, with streaming video output accessible on the local stadium network, which means that users can connect from anywhere within your stadium environment.

### Stream to global viewers\*

Engage with fans globally and stream content at scale. With synchronized ULL multi-camera feeds, fans can direct their viewing experience and feel as if they are right there in the stadium.



### Revu solution for Television Match Officials, HIA/Medical and Media & Communication teams\*

Multiple users can join a secure session and work collaboratively to seek, tag, edit, comment, annotate, create, and share playlists from live video on any device locally or remotely.

#### FEATURES

- ✓ Lowered cost through efficiency
- ✓ Extensive format compatibility
- ✓ Built-in self-healing video
- ✓ High-quality video
- ✓ Built-in security
- ✓ Cloud-ready

#### Ingest formats

SDI, NDI, SRT, RTMP, RTSP, MPEG-TS, with Zixi & SMPTE 2110 upon request

#### Output formats

CMAF ( Dash / HLS ) SDI, NDI, SRT, RTMP, RTSP & MPTS

#### Ports

SDI - Bi-Directional 3G / 6G / 12G 1 GbE RJ45, 10 GbE Fiber & 25 GbE Fiber

#### Dimensions

6.5 (H) × 16.3 (W) × 15.9 (D) in  
16.5 (H) × 41.5 (W) × 40.5 (D) cm

#### Resolutions

1080p25 (HD) input > 1080, 720, 480, 360 (ABR), or  
1080p30 (HD) input > 1080, 720, 480, 360 (ABR), or  
1080p60 (HD) input > 1080, 720, 480, 360 (ABR), or  
2160p60 (4K) input > 2160, 1080, 720, 480, 360 (ABR)

#### S1 S2 S3 S4 A1 A2

7	14	21	28	28	56
6	12	18	24	24	48
3	6	9	12	12	24
1	2	2	4	4	8

\* NOT INCLUDED WITH HARDWARE

**<500 ms**

END-TO-END  
LATENCY



1.46" x 5.2" x 4.65"

## One encoder

The fastest portable encoder in the world is network & WIFI enabled and designed to handle a single remote video stream for broadcasting on-the-move

Powered with Microblock Technology, this encoder will generate Dash & HLS using CMAF, with an Encoding latency of just 50 milliseconds and a global End-to-End latency of 500 milliseconds. The One encoder can record the stream with on-board storage, or to an external USB drive over a USB 3.0 port, all while streaming over 10/100/1000 Ethernet.

## Encode & distribute 500ms CMAF streams on-the-go

### Start small, then grow

Start with one or two and scale up as your team grows.

### Mobility

Get to middle of the action & broadcast instantly.

### Add more feeds to your broadcast

Add another concurrent stream to your live broadcast.

### Hi-res ingestion

Ingest a 1080p @60fps video feed from any SDI source

### Stream to global viewers\*

Engage with fans globally and stream content at scale. With synchronized ULL multi-camera feeds, fans can direct their viewing experience and feel as if they are right there in the stadium.

### FEATURES

- ✓ Lowered cost through efficiency
- ✓ Robust format compatibility
- ✓ High-quality video
- ✓ Built-in security
- ✓ Cloud-ready
- ✓ Built-in self-healing video
- ✓ Highly compact design

## One of a kind versatility & speed



### Ingest formats

SDI, NDI, SRT, RTMP, RTSP, and MPTS

### Output formats

CMAF ( Dash / HLS ) & SDI, NDI, SRT, RTMP, RTSP & MPTS

### Ports

SDI Bi-Directional 3G, USB-C, LAN 1Gbit & HDMI Out

### Dimensions

1.46 (H) x 5.2 (W) x 4.65 (D) in

3.7 (H) x 13.2 (W) x 11.8 (D) cm

### Resolutions

HD Video	720p	23.98fps,	24fps,	25fps,	29.97fps,	30fps,	50fps,	59.95fps,	60fps
	1080p	23.98fps,	24fps,	25fps,	29.97fps,	30fps,	50fps,	59.95fps,	60fps
SD Video	1080i	23.98fps,	24fps,	25fps,	29.97fps,	30fps,	50fps,	59.95fps,	60fps
	525i NTSC	59.94fps							
	625i PAL	50fps							

\* NOT INCLUDED WITH HARDWARE