Smart Stadium **Media Kit**

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The complete performance analysis toolbox for individual teams & large sport organizations

Mobii delivers powerful hardware & software that enable video, audio, data transport, and interaction in under 500 millisecond latency for broadcasting and sport.

The building blocks of speed: **Microblocks**

Our technology unlocks the true potential of video streaming
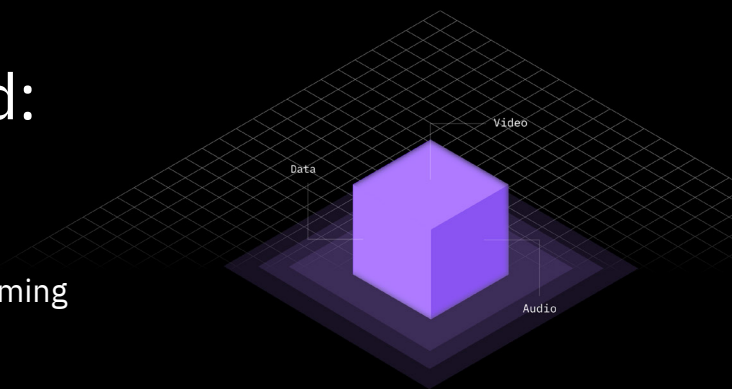

Latency
Mobii enables a global End-to-End ("Glass to Glass") latency of less than 1 second. This is achieved by solving Encoding, Distribution and Playback latency. We enable a fast start-up time as low as 100ms.

Experience
Microblock Technology not only reduces latency and maintains synchronization across globally dispersed viewers. It also 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.

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Our sub-500 millisecond latency enables superior performance analysis via data & video

Our team sport agnostic analytics & media platform combines next-level video processing technologies with a sophisticated data model and high-performance server and software architecture that enables stakeholders to put context to data quickly and to gain incredible insights into performance during a live match or otherwise.

Cloud features

- TIME SYNCHRONIZED, MULTI-STREAM LIVE & VOD
- HOT/COLD STORAGE OF EVERY FEED ANGLE
- ULTRA-LOW LATENCY DISTRIBUTION
- AUTOMATED PLAYLIST CREATION
- DRM ENCRYPTION
- MULTI-CDN
- SECURE ACCESS

Microblock integration

- INGEST/OUTPUT DATA, VIDEO, AUDIO STREAMS
- INTEGRATE WITH BROADCASTERS
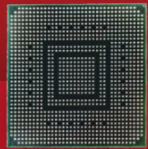
Cloud

SELF-HEALING VIDEO SYNC

Mobii encoders

- INGEST HD-SDI, HDMI, NETWORK STREAMS
- TIME SYNCHRONIZATION
- MULTI-BITRATE ENCODING & STORAGE
- CMAF (MPEG-DASH, HLS), RTMP, SRT
- CONNECT TO STADIUM NETWORK
- DRM ENCRYPTION
- SELF-HEALING VIDEO
- CLOUD & EDGE CONNECTED (5G READY)
- ONBOARD APPLICATIONS

Digital stadium

Ingest & encode in the cloud, on-premises, or on-the-go

VIRTUAL ENCODER

Virtual Machines, deployed in the cloud, are Microblock enabled to provide a scalable deployment approach. Virtual Encoders will ingest, synchronize and encode a variety of network based streams such as SRT and RTP, into a Microblock wrapped format for distribution via the Co-Ordinator.

SMART ENCODER

The Smart Encoder is designed for semi and permanent based on-site installation. Deployed into sport stadiums/arena's, Broadcast production sites, Data Centres and Outside Broadcast vehicles, the Smart Encoder will ingest a variety of input video sources such as SDI, NDI, SRT, MPEG-TS. The encoder will ingest, synchronize, encode and upload Microblock streams to the nearest cloud regional edge cluster for global distribution via the Co-Ordinator, or output a variety of streaming formats to local network for on-site usage.
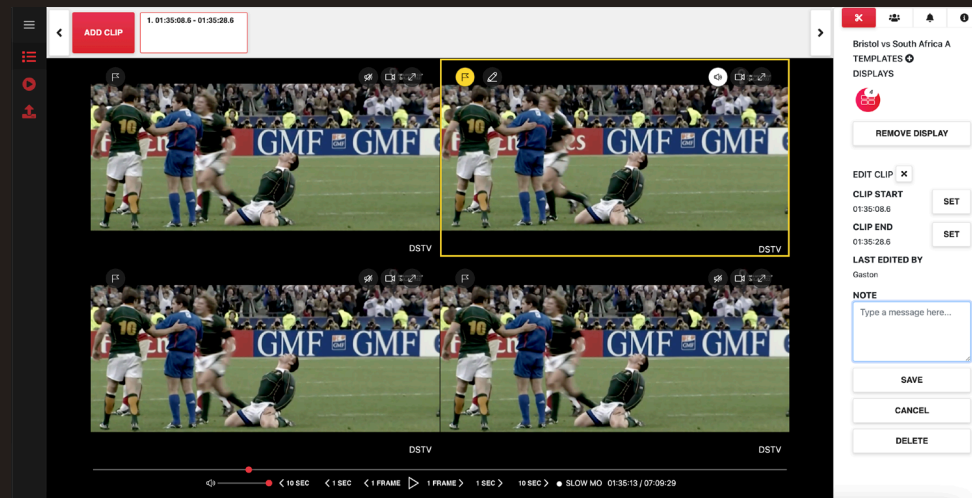
ONE ENCODER

The Mobii One is designed for on-the-go portable deployment. It will ingest a single feed, synchronize, encode and upload a Microblock stream to the nearest cloud regional edge cluster for global distribution via the Co-Ordinator.

Engage Fans & Professionals

Digitize Your Stadium Environment

Our Smart Stadium solution powers on-site production, Big screen displays, Sports Analysis Platforms, Television Match Officials, HIA/Medical teams, VIP suites, Media and Communication teams as well as driving global fan engagement applications.
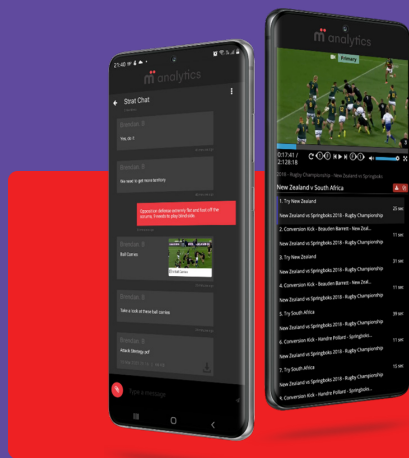
- Encode and store video directly on the Smart Encoder, with streaming video output accessible on the local stadium network, which means that users can connect from anywhere within your stadium environment.

- Engage with fans globally and stream content at scale with a platform that you control. With synchronized multi-camera feeds, fans can direct their own viewing experience with latency so low, it's as if they are right there in the stadium.

- Data collection that will give you insights into fan personas and how to tailor to them

- Improved analytics on teams across players and seasons to help them push performance that in turn delivers more quality entertainment for fans

- Instant querying for organizations from live and archived content that spans across teams and seasons ready to be accessed by pros or pushed to fans

Features

Cloud Video & data repository

An online repository solution for teams' &
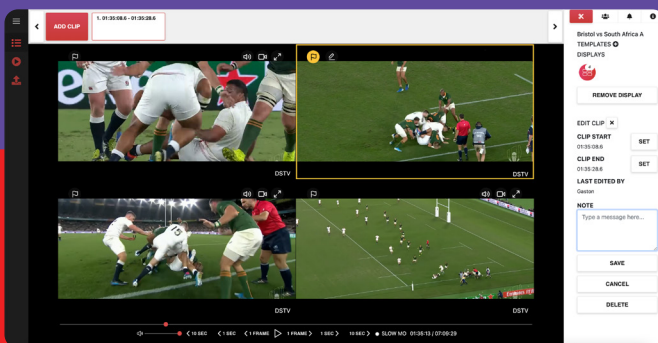leagues' match & training footage

- Manually upload or sync live with smart encoder
- Encodes and time synchronizes video
- Create playlists/clips from data
- Find and extract manual playlists / clips
- Secure instant sharing with team & stakeholders direct from cloud
- Download entire matches from all angles & clips as required
- Choose to enable match video sharing with other teams
- Integration with collaboration app for teams, players
- Optional distribution of VOD (match / clips) to website (on request)

Features

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Revu Video Collaboration Tool

Mobii's Medic/TMO (Television Match Official) review software is made available through a web browser-based application on the Smart Encoder & via Connect cloud. Multiple users can join a secure session and work collaboratively from any device both locally at the stadium or remotely.

- Fast setup, connect instantly, easy to use
- Supports multiple users working concurrently in sessions
- Cross-platform compatible - web browser based
- Navigate between multi-view and single view of selected feeds
- Seek video instantly
- Playback speed control
- Extend / Duplicate views on additional screens
- Set customizable time delay per feed
- Personalized views, render on multiple displays

- Quick click to tag event
- Events shared instantly to all local & remote Medic / TMO users
- Set clip duration, add comments, annotate and set views
- Control playback views of selected clips
- Clip share & export match video feed
- Remote live access to match (Virtual Medic / TMO)
- Dante audio enabled for on-field audio integration (on request)

MEDIC REVIEW

TMO REVIEW

Features

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Connect Sub-500 millisecond global video distribution

Ingest, encode & distribute with Microblock-ready solutions from your stadium to any end-user device anywhere in the world in less than a second with our smart config & connect platform

- Ingest & configure your encoder feeds with our Smart Configuration App
- Administer & distribute your feeds in the the online Connect App:

    - Monitor and manage your monthly consumption
    - Create and configure your own channels for continous or fixed broadcasts
    - Create your own adaptive bitrate ladders
    - Choose your distribution regions and available CDN's
    - Store your ABR and distribution profiles for quick setup
    - Connect your feeds to the Mobii multi-angle player or theplayer of your choice

CHANNEL STREAM PREVIEWS