In-Car Racing Solutions For Live Motorsports

Communications

DREAM IT ▸ SHOOT IT ▸ STREAM IT

RED HOUSE STREAMING

LIVE RACING SOLUTIONS

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Capturing and distributing live sports content - locally or globally - leaves little margin for error.

CP Communications assures that your viewers won't miss a second of the action with solutions that place you in the middle of the competition and leverage cutting-edge IP technology to shoot and distribute your event to any device, anywhere, at any time.

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PORTABLE VIDEO ENCODERS - LIVE MOTORSPORTS

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CASE STUDY: NATIONAL RACING CHAMPIONSHIP

Device for Racing Events

Agile Airlink - Bonded Cellular Mobile Video Encoder

(Transmits In-Car Cameras, Fixed Cameras, and Drone)

Production Overview

- Location #1 Mid Ohio
- **Remote Setup**
- 5 Agile Airlink Packages (Cameras)
- 4 Agile Airlink Packages (Car Cams)
- 1 Agile Airlink (Drone Cam)
- Bonded Cellular Tx

- Location #2 Isle Of Man UK
- **Control Room Setup**
- 2 Playout Servers – Decoders
- 1 Focusrite Interface

- Location #3 Novia Scotia
- NOC Support Studio (CP)

Live Video Footage Captured from Event

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MOBILE ENCODERS

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AGILE AIRLINK

THE THINNEST H.265 ENCODER WITH UP TO FOUR CAMERA INPUTS AND DATA BONDING

- 8 built-in modems
- Low delay
- Ultrathin and compact
- 60 Mbit H.265 encoding
- Available in three configurations: 1, 2 or 4 camera inputs
- 150 Mbit data bonding
- WiFi Hotspot
- Ruggedized casing

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MOBILE ENCODERS

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DESCRIPTION

Airlink is a wearable ruggedized encoder and transmitter that supports up to four H.265/HEVC video streams and bonds eight combines 3G/4G connections for high-quality live streaming using Mobile Viewpoint's award-winning bonding technology.

H.265 live video encoding offers high-quality transport at low bandwidth, saving money on data cards. It is also possible to add WiFi and Ethernet connections to Airlink to maximize upload capacity.

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FLEXIBLE MOUNTING LOCATIONS

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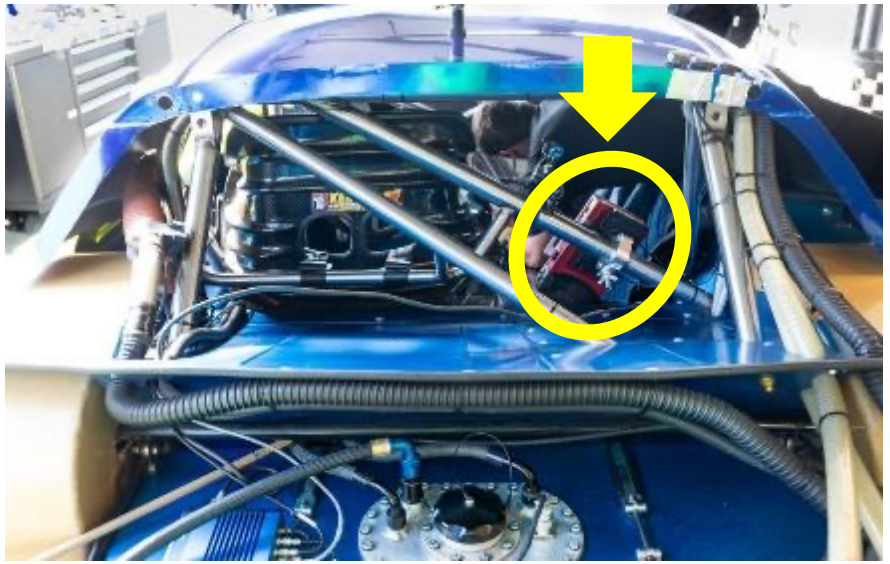

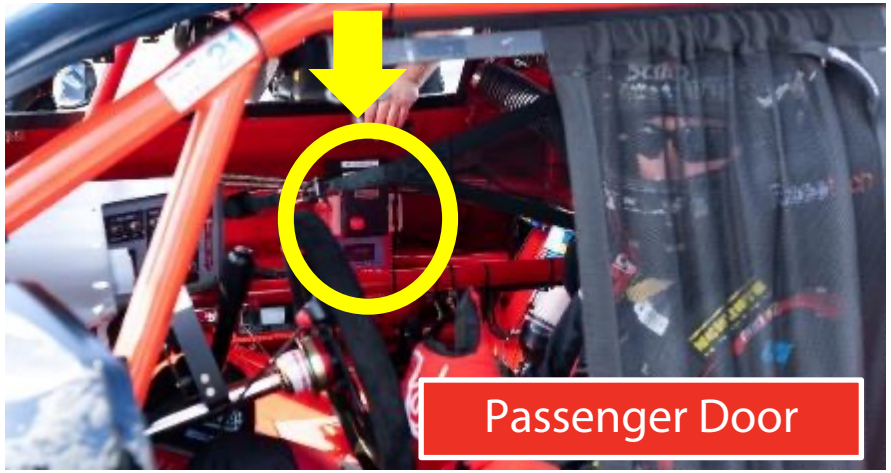

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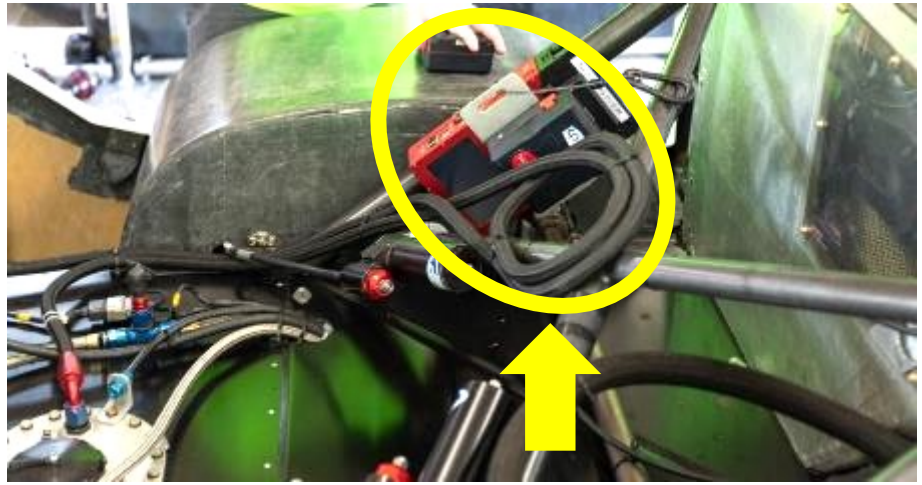

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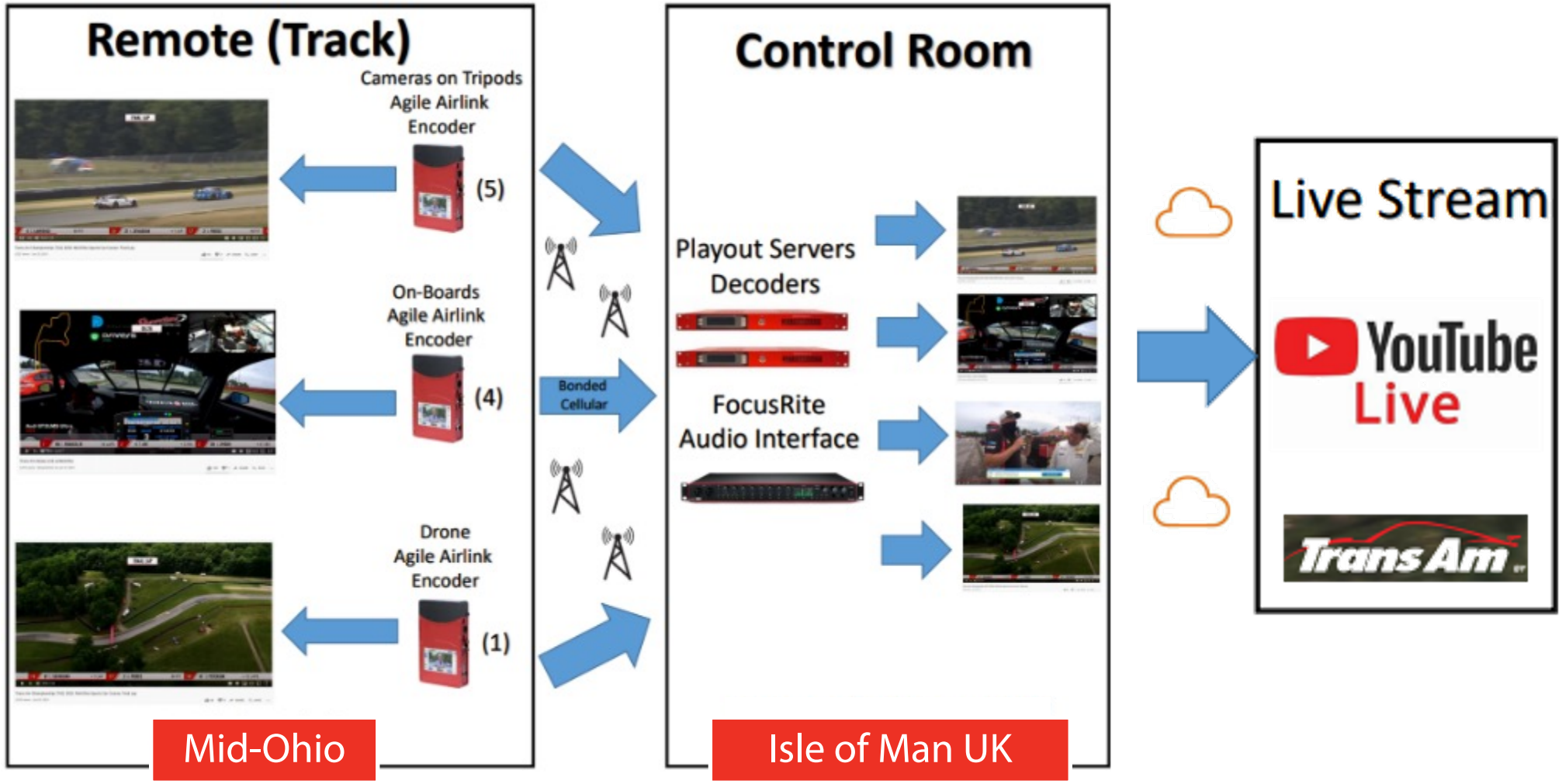
TECHNICAL WORKFLOW DIAGRAM

RECENT EVENT



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IN CAR CAMERA SYSTEM (VBOX)

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Receiver

Cameras

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IN CAR CAMERA SYSTEM (VBOX)

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2 Camera Inputs

1920 x 1080p at 30 (default) or 60 frames/second; waterproof

CAN Bus Input

Log up to 80 channels of vehicle CAN data, such as throttle angle, RPM, and brake pressure.

HD

High Definition Video

Sony Exmor™ HD sensor gives superb color reproduction and great night sensitivity

Real-time Graphics

Customizable real-time graphics, including gauges, bar graphs, circuit plots, lap times, and text.

Read more

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IN CAR CAMERA SYSTEM (VBOX)

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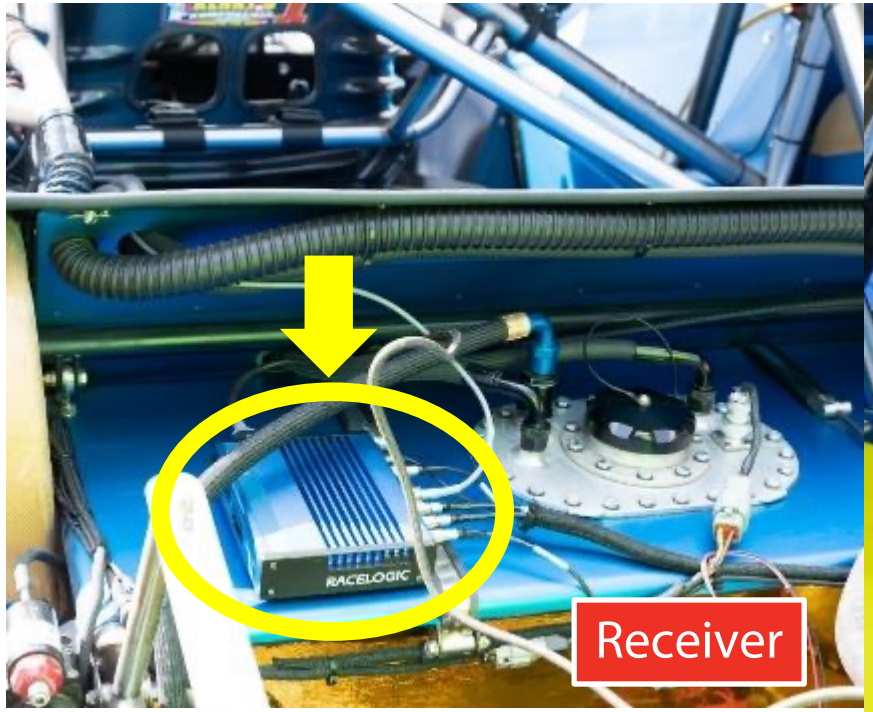

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MOBILE ENCODERS

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In Car Camera Feed (On-Boards)

Secondary Camera

Telemetry/Driver Info

Sponsor Logos/GPS

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MOBILE ENCODERS

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In Car Camera Feed (On-Board POV)

Secondary Camera

Telemetry/Driver Info

Sponsor Logos/GPS

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MOBILE ENCODERS

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Multiple In Car Camera Feeds (On-Board POV)

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ABOUT CP COMMUNICATIONS:

Thirty-Five Years of Service…and Counting

For more than three decades CP Communications has provided high-quality, cost-effective live event production solutions to the premium sports, entertainment, corporate and news markets. With Red House Streaming, our world-class services are now available to help you stream live broadcast-quality content. One call is all it takes to access our experienced professionals, cutting-edge equipment, and innovative technologies and techniques for all of your audio and video content acquisition, transport and delivery requirements.

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ABOUT RED HOUSE STREAMING:

Red House Streaming (RHS) is dedicated to providing custom glass-to-glass IP production and streaming solutions for every type of live event or recorded programming.

Featuring a 5,600-square-foot production studio and network operations center, as well as a complete family of mobile production and streaming packages, the RHS ecosystem is accessible wherever and whenever you need it. Our mission is to support, enable, and simplify the creation and delivery of broadcast quality media content.

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