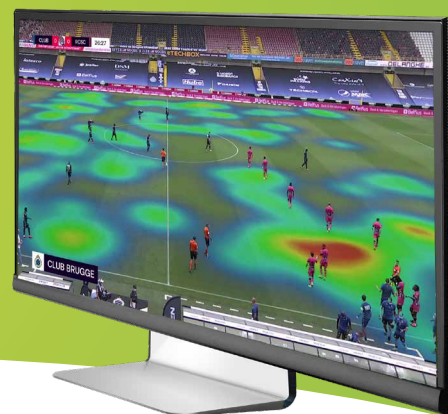# DELTΔ
LIVE

AUGMENTED REALITY GRAPHICS FOR
LIVE SPORT MATCH ANALYSIS

DELTA-live enhances soccer and rugby broadcasts with virtual graphics using advanced image processing, eliminating the need for extra sensors on the production cameras. Once placed on the pitch, the graphics remain tied to their position regardless of the camera moves. DELTA-live offers live and replay features, adding dynamic logos, stats, and more. In replay mode, DELTA-live allows the production of clips within seconds including offside lines or ball speed measurement. The system's unique augmented replay sequences aid in real-time analysis. DELTA-live is adaptable to various arenas, with easy setup and internal recording.

KEY BENEFITS
• Seamless graphics integration
• Live and replay features
• Augmented replay sequences
• Seamless sponsor integration
• Adaptable and easy setup

KEY FEATURES

- Offside lines
- Speed measurements
- Magnifier (to zoom to the action)
- Super clips (short analysis clips broadcasted just after event happens or at half-time and end of the game)

SDI supported formats
- HD 1080i-50, 1080i-60, 720p50, 720p60
- SD (4:3 and 16:9 anamorphic PAL/NTSC)

Genlock
- Black Burst
- Tri-Level

Dimensions
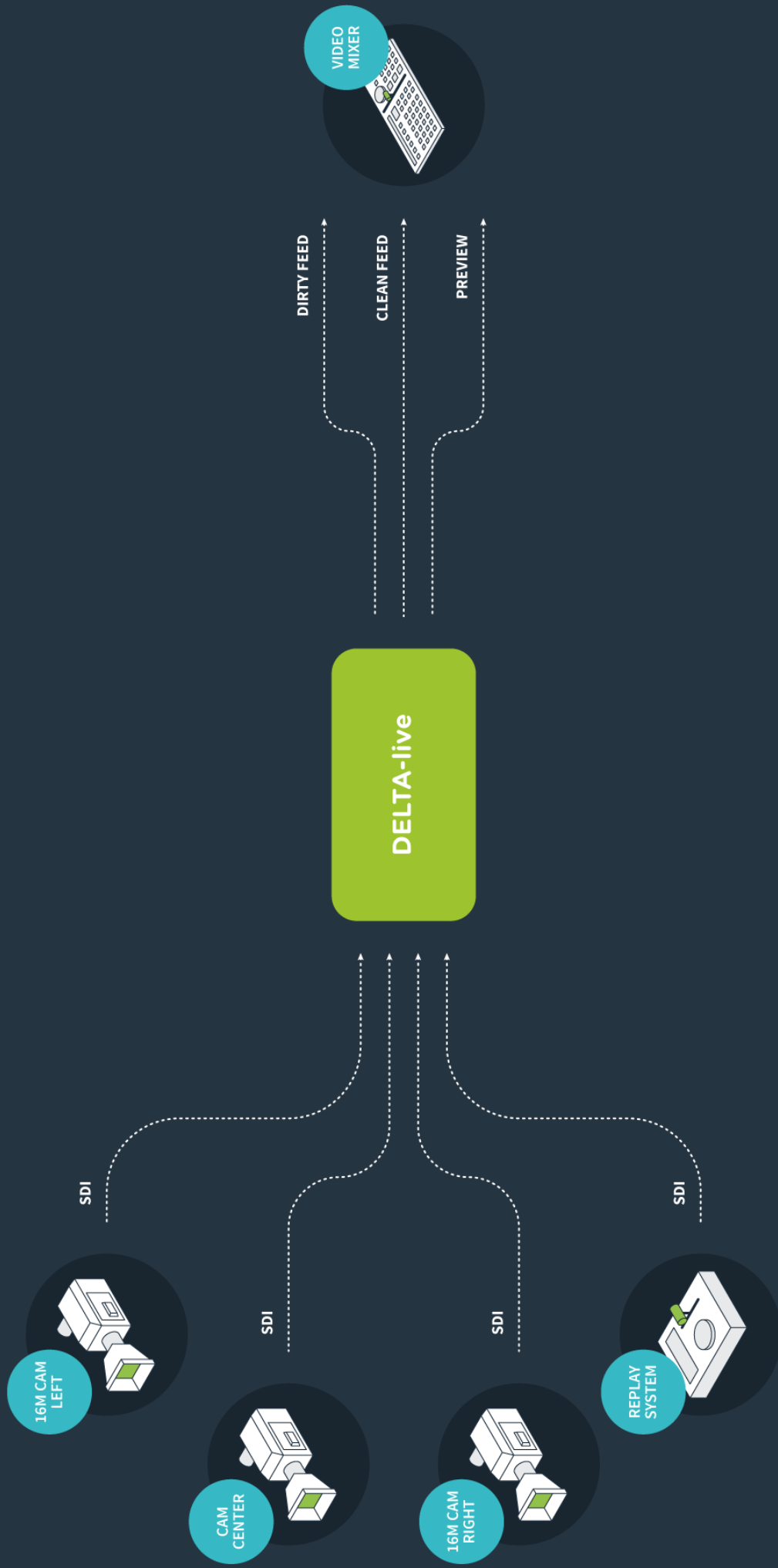- 4U 19'' rack

Inputs (up to 3 cameras):
- Cam 1 (typically main camera)
- Cam 2 (typically left 16m camera)
- Cam 3 (typically right 16m camera)
- Internal video recorder input or virtual giant screen input

Outputs
- Augmented output (cam feed + virtual graphics)
- Clean feed
- Offside line preview

Note: DELTACAST can also provide a one-box hardware solution. Easy to take in your luggage, it offers a highly flexible and cost effective solution for travelling operators.
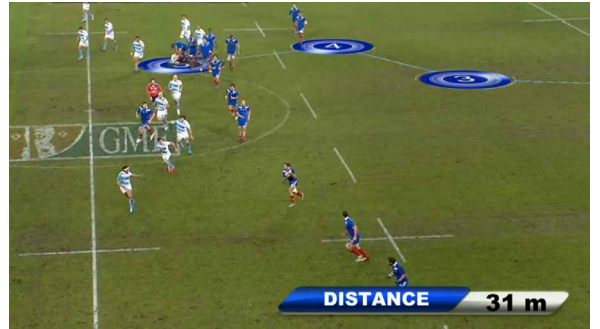
DELTΔCAST

DELTACAST

VIDEO MIXER

DIRTY FEED

CLEAN FEED

PREVIEW

DELTA-live

DELTA-live

SDI

SDI

SDI

SDI

SDI

16M CAM LEFT

CAM CENTER
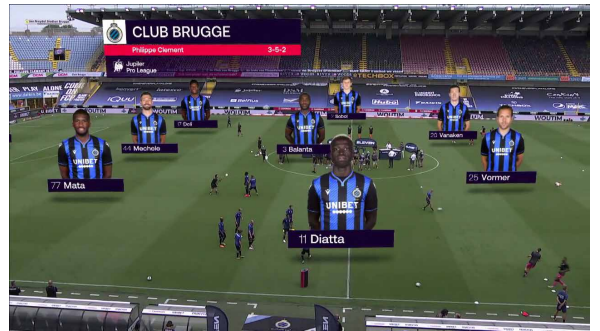
16M CAM RIGHT

REPLAY SYSTEM

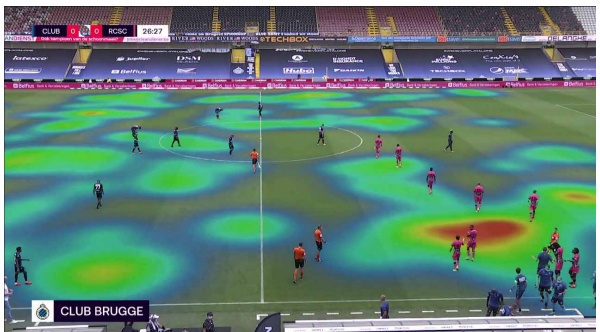Distribution of attacks

Rugby - Live progress

Super clip

Line up 3D integration

Shot on target - Free kick

Heatmap

230831