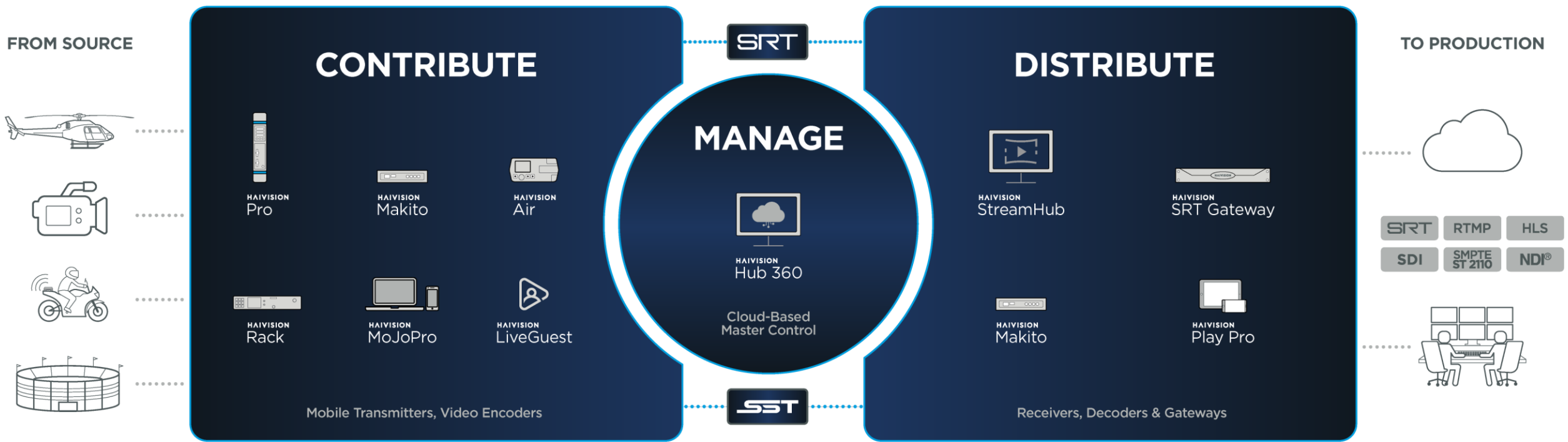
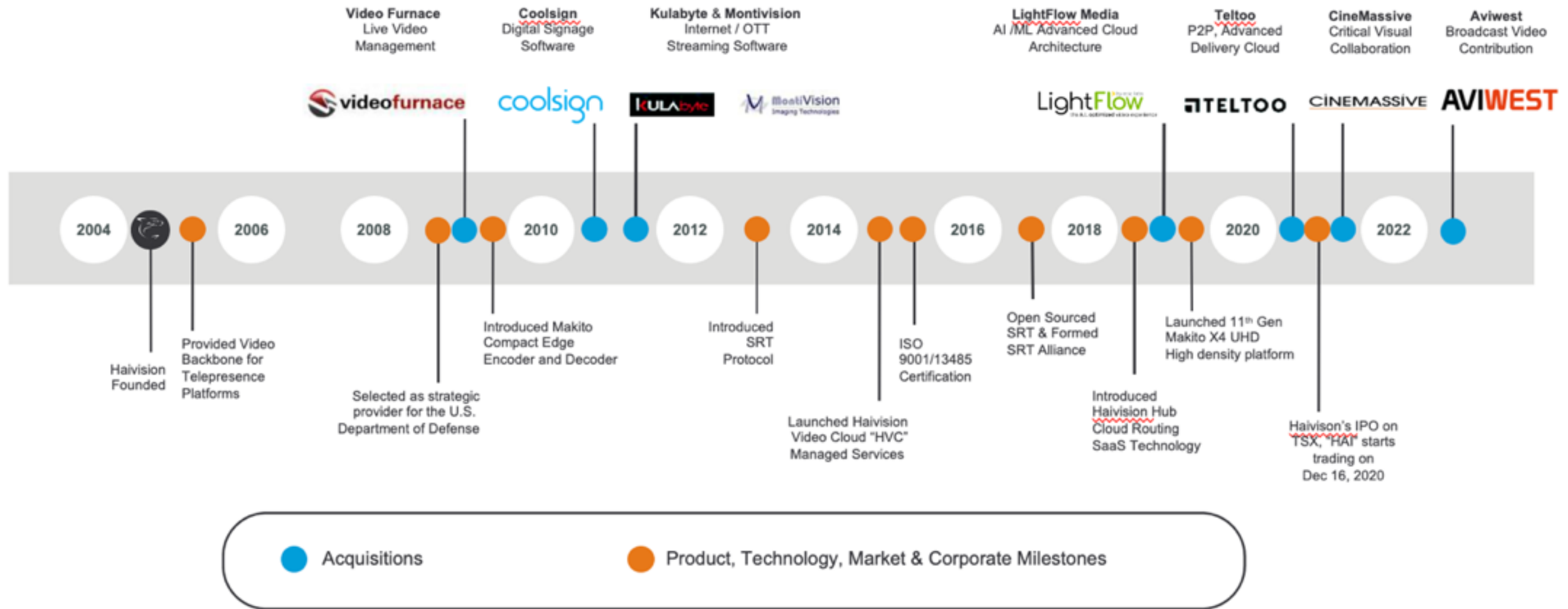


HAIVISION

Haivision Presentation

December 2024





HAIVISION

Haivision – nos protocolos

December 2024

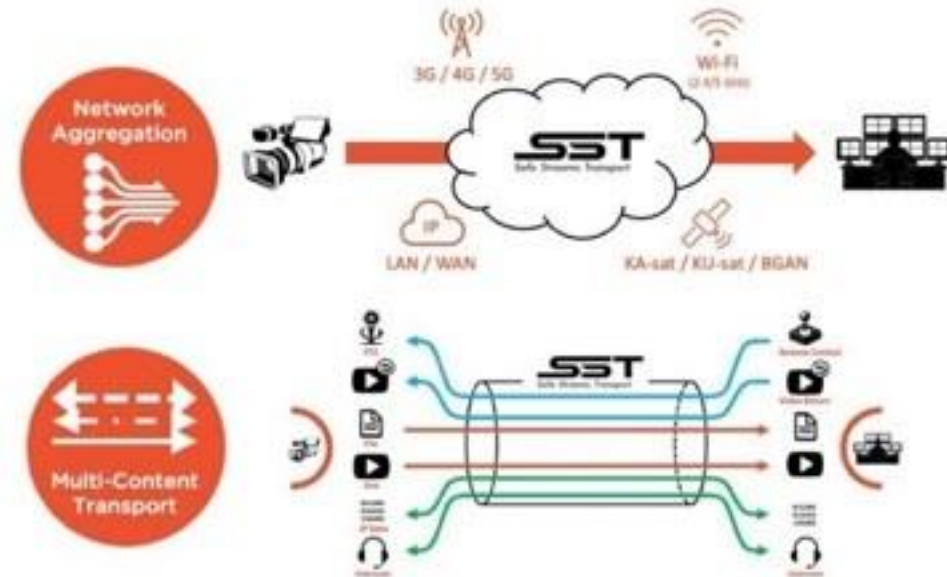
Live video transport protocols for **high quality** and **low latency** video over unmanaged networks.



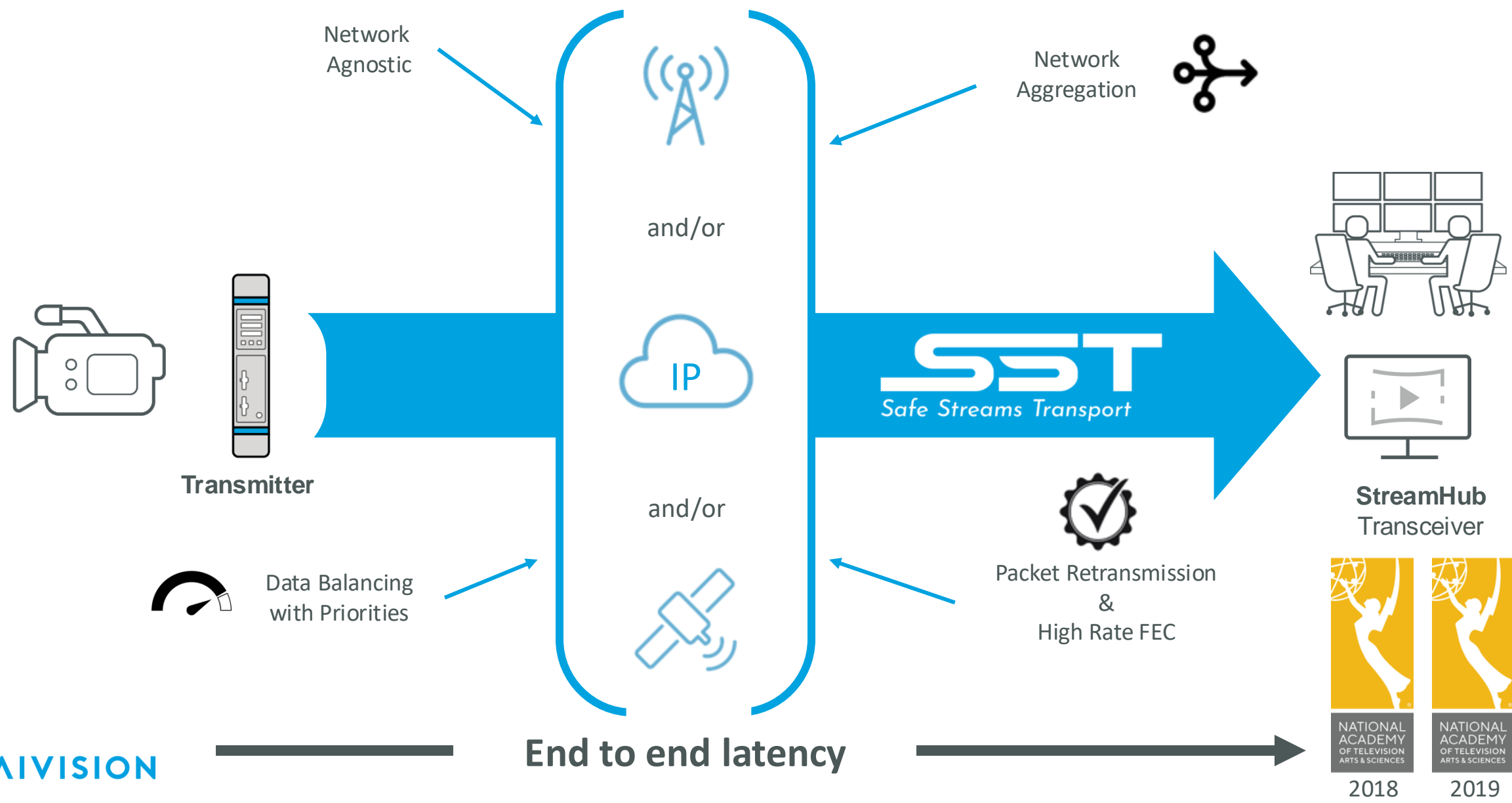
For wired networks



For mobile networks



Transmission Powered by SST



Transmission Powered by SST



Inputs

Outputs



HAIVISION

Haivision – nos produits

December 2024

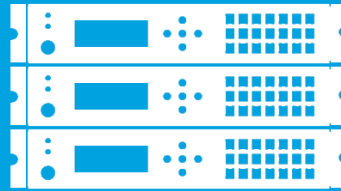
Fit for your setup



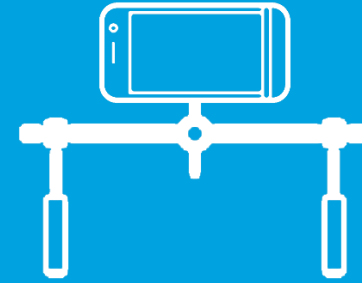
Camera



Backpack



Rack



Smartphone



Wearable

Haivision Pro



V-Mount & G-Mount

Haivision Pro



Haivision Rack



MoJoPro



Haivision Air

Key Features



Live



Record



Remote Config



Intercom



Bonding



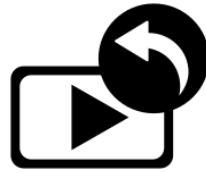
QOS



File Forward



Frame Sync



Video Return



Mission
Metadata



3G / 4G / 5G



Band selection



Data Bridge



Test Patterns



Camera Control



Auto-start



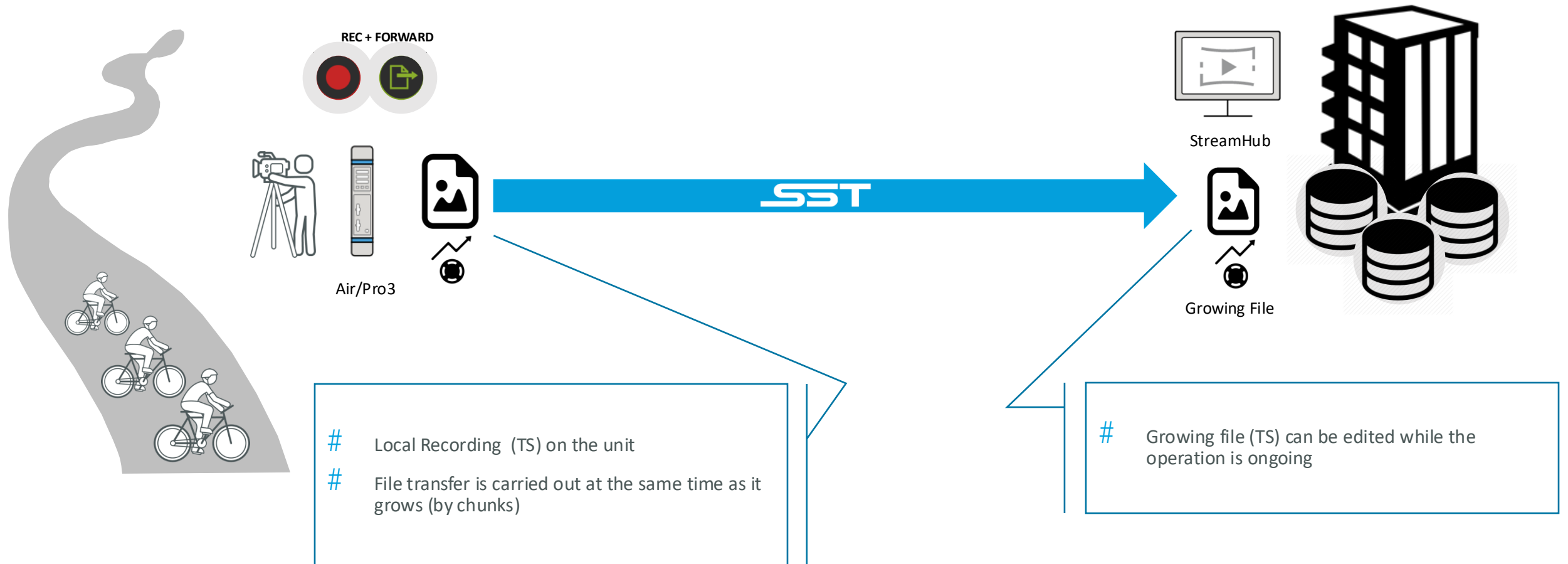
Low Latency



Network priority

Record & Forward on Field Unit

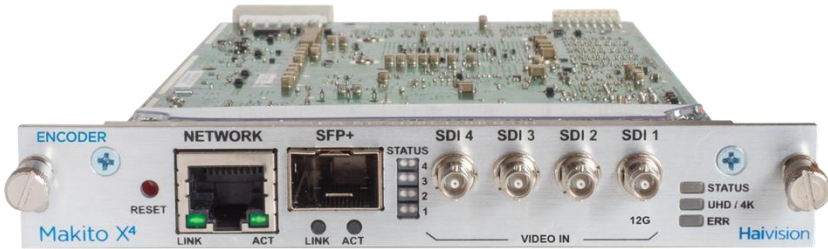
- Fast & Reliable transmission with SST
- Video editing can begin instantly while recording an event



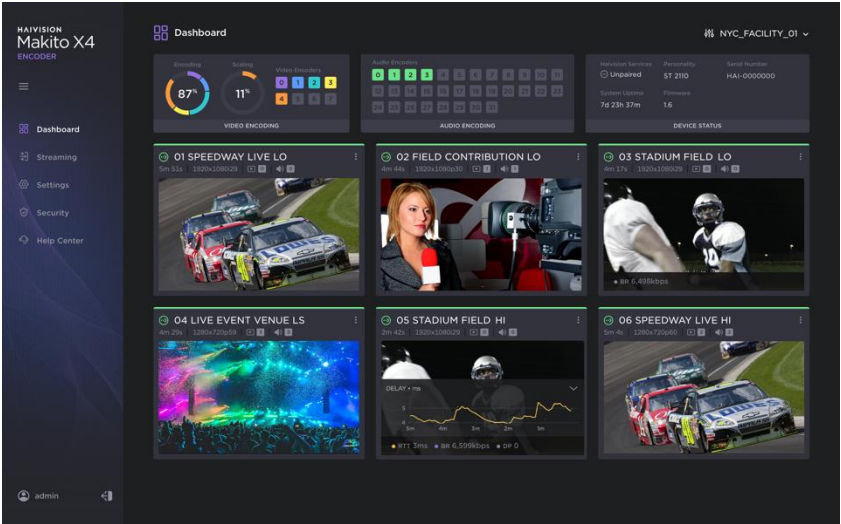
Makito X4 UHD / Quad-HD Video Encoder Key Features



Appliances



Blade Example



User Interface - Dashboard



4K/UHD or 4xHD
SDI Inputs



ST 2110 Input
over 10G SFP



8x HEVC/H.264
Encoding Cores



Ultra Low Latency
Glass to Glass



4:2:2 10-bit
HDR PQ/HLG



Stream Sync



SRT, UDP, RTP



High Density

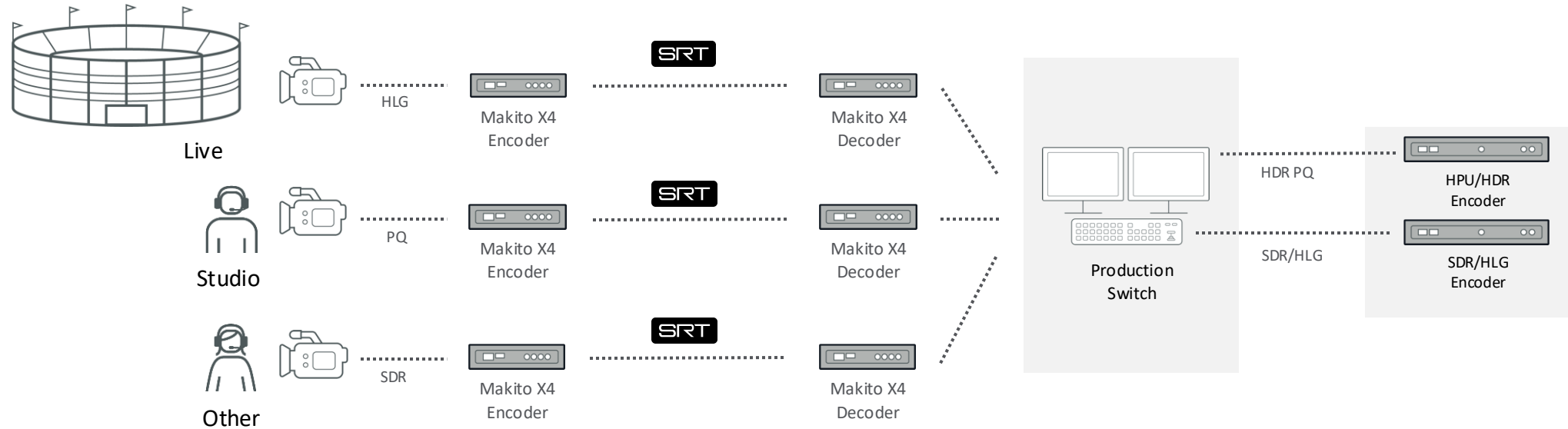


32 Audio Cores

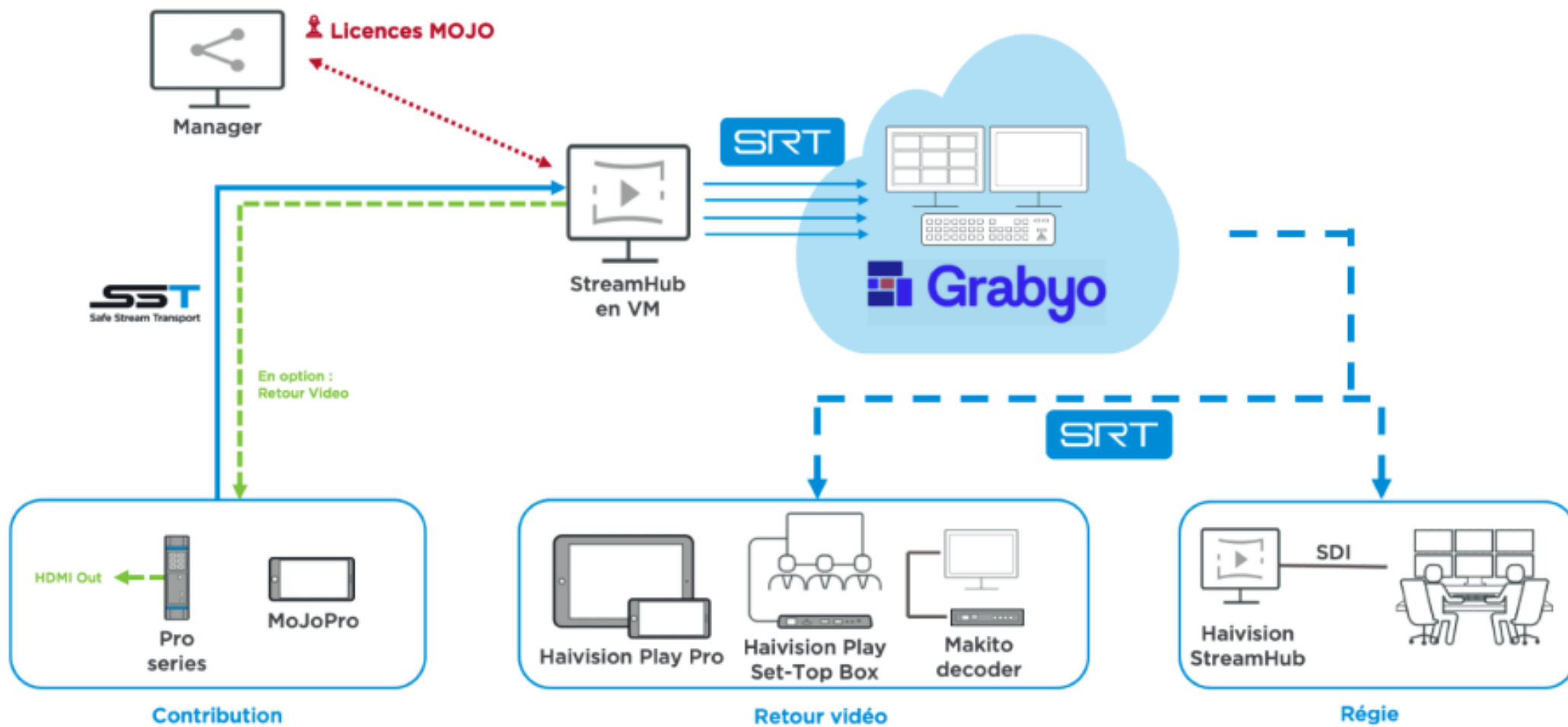


Remote
Management

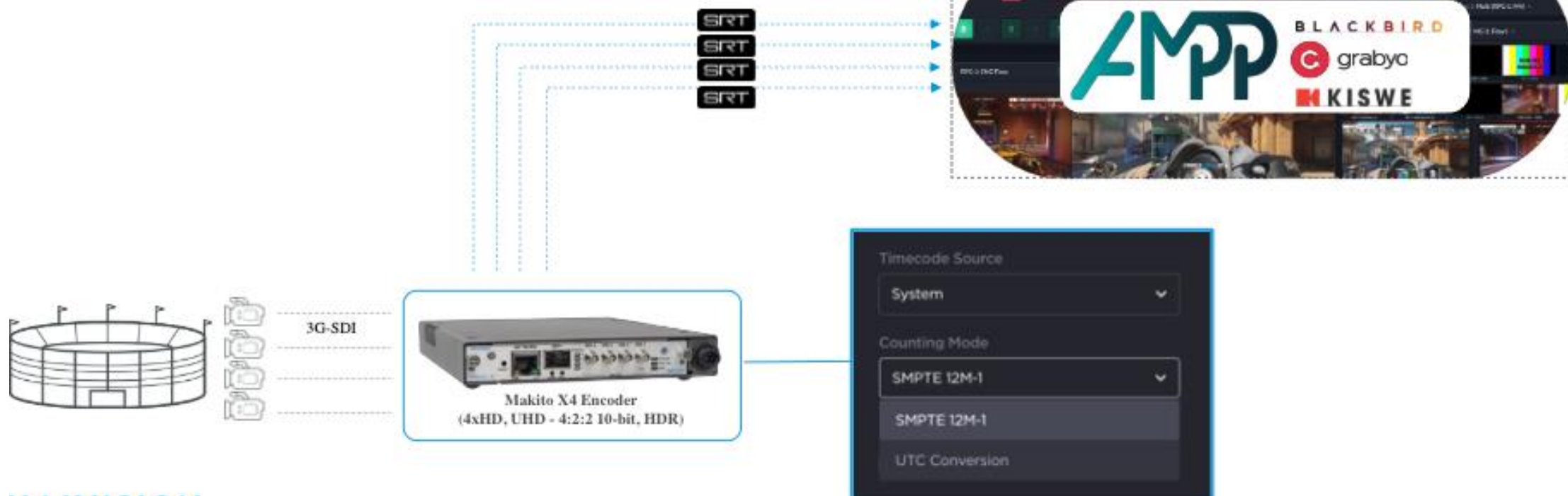
Makito X4 – SDR & HDR Broadcast Workflows



HDR Processing Unit (HDR) + HDR distribution encoder uses PQ to add metadata (ST 2094) for HDR 10, 10+ and Dolby Vision HDR



Synchronized Cloud Contribution with Makito
X4 and SRT into GV AMPP and Other Cloud
Production Solutions
New Supporting SMPTE 12M



Mobile Journalism

A new workflow for media storytelling
where reporters are trained and equipped for being fully
mobile and fully autonomous

MoJo



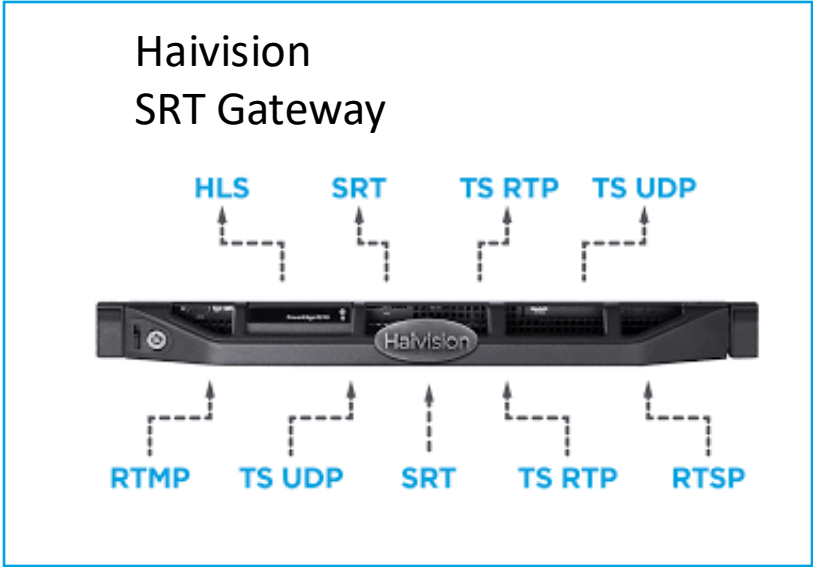
Use cases



Many Other Haivision Customers Use Our Solutions for the Olympics

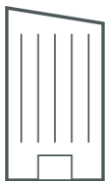
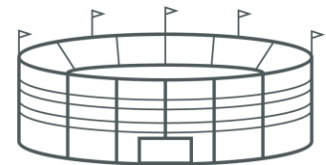


Makito X4
Video Encoder



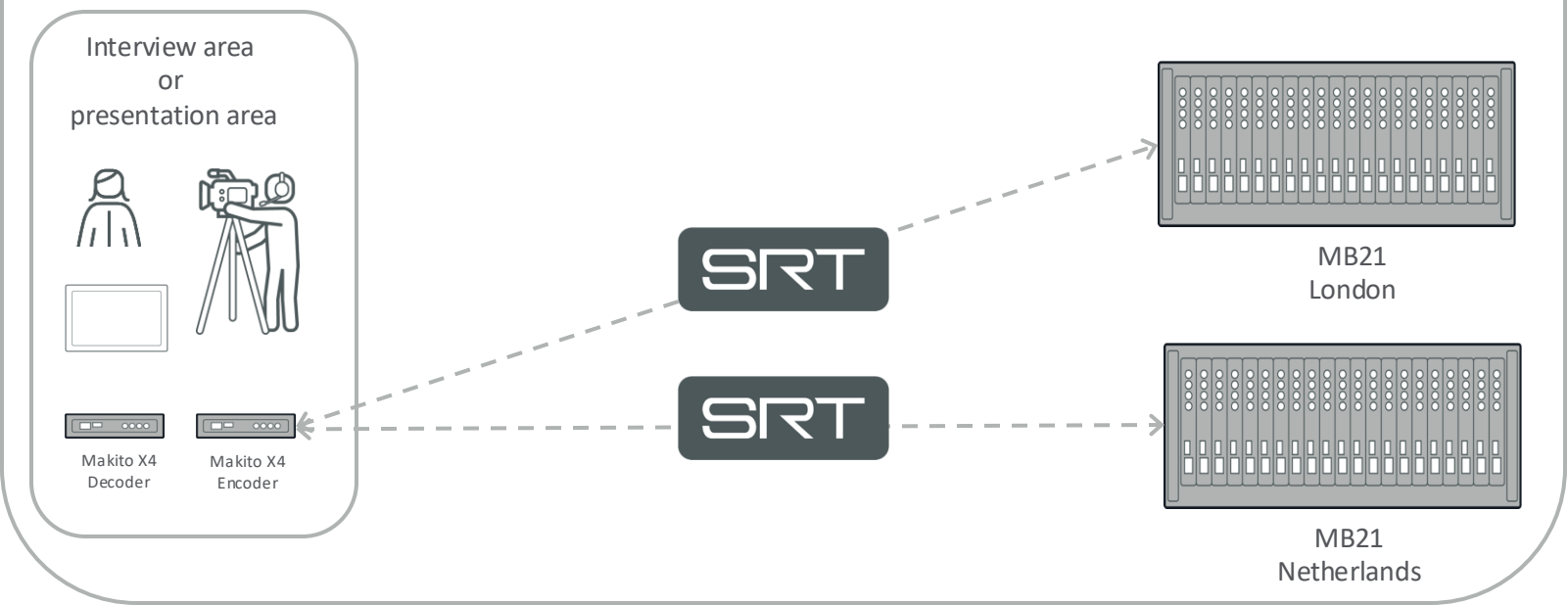
1,000+ Makitos and many SRT Gateways delivering feeds to
MRHs around the world

WBD Eurosport Olympics 2024 | Over 180 Makito X4s



35 sports venues
Athlete's villages
Stadiums etc

Engineers will control on site units via Haivision Hub from
Paris 24 IBC, Eurosport Paris Issy & main control of Eurosport London



Makito X4 pair in a
MB2 chassis
Encoder for cameras
Decoder for Return
video

Data centres in London
and Netherlands
In MB21 chassis



26 studios around Europe
have access to the feeds on the
Eurosport area network

Over 180 Makito X4s deployed across the games.

HAIVISION

Abstract blue wavy lines of varying thicknesses and colors (from light blue to dark blue) flow across the middle of the image, creating a sense of motion and depth against the dark background.

Alexandre AUGEREAU

aaugereau@haivision.com

+33 6 38 87 30 60