

# RACK300 / RACK200

## Product Presentation.

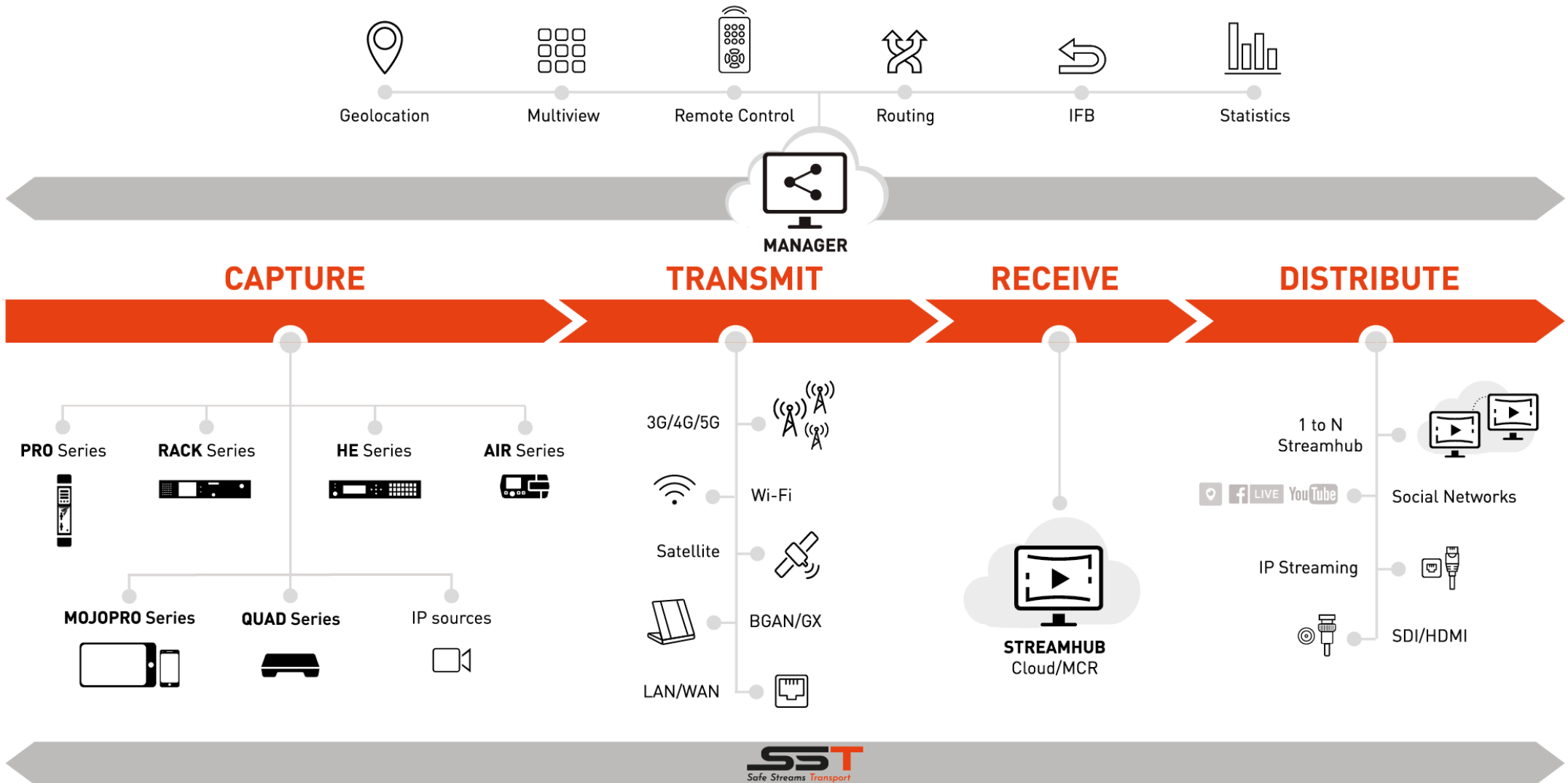
Remote & At-Home  
Production

Live Distribution &  
Content Sharing

Vehicle



# Our Portfolio – Live IP Video Contribution & Distribution.



# RACK in a nutshell.

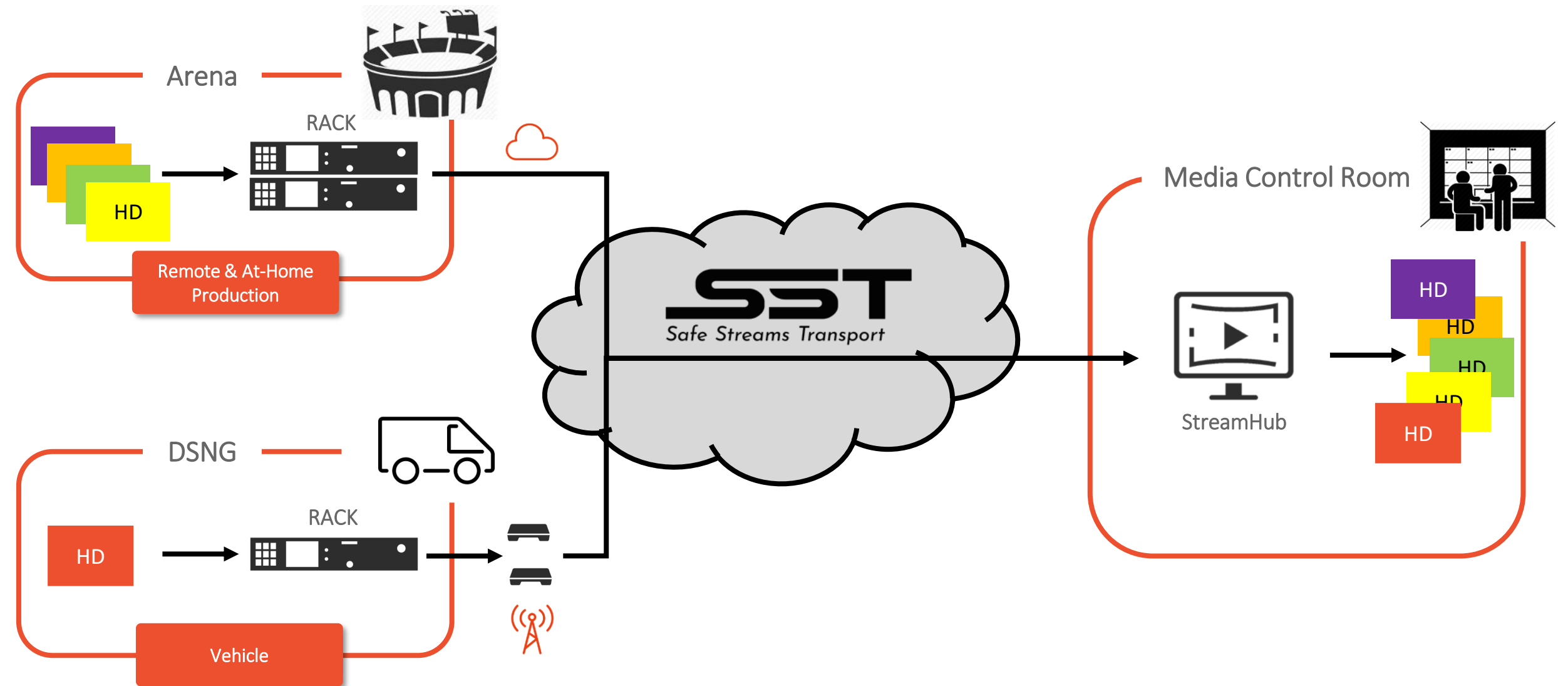
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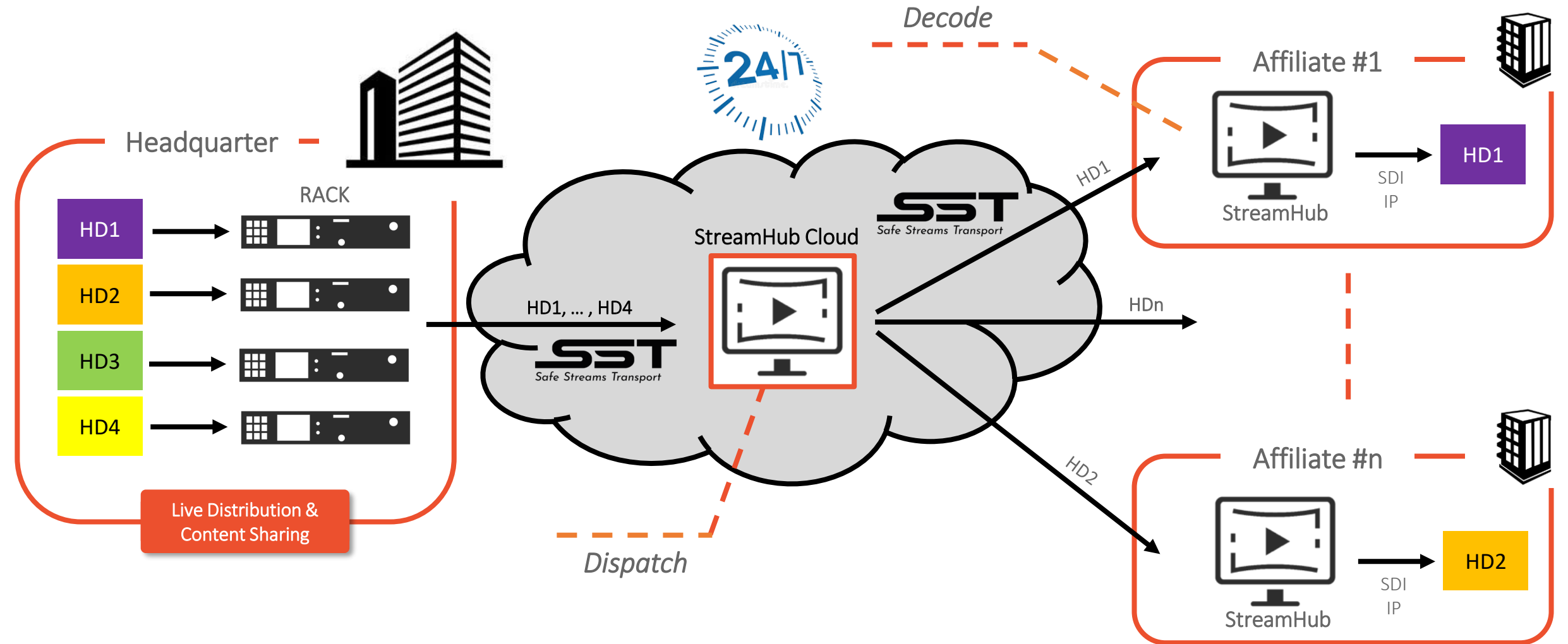
HD HEVC & AVC ENCODER  
over  
UNMANAGED NETWORKS



# RACK Applications.



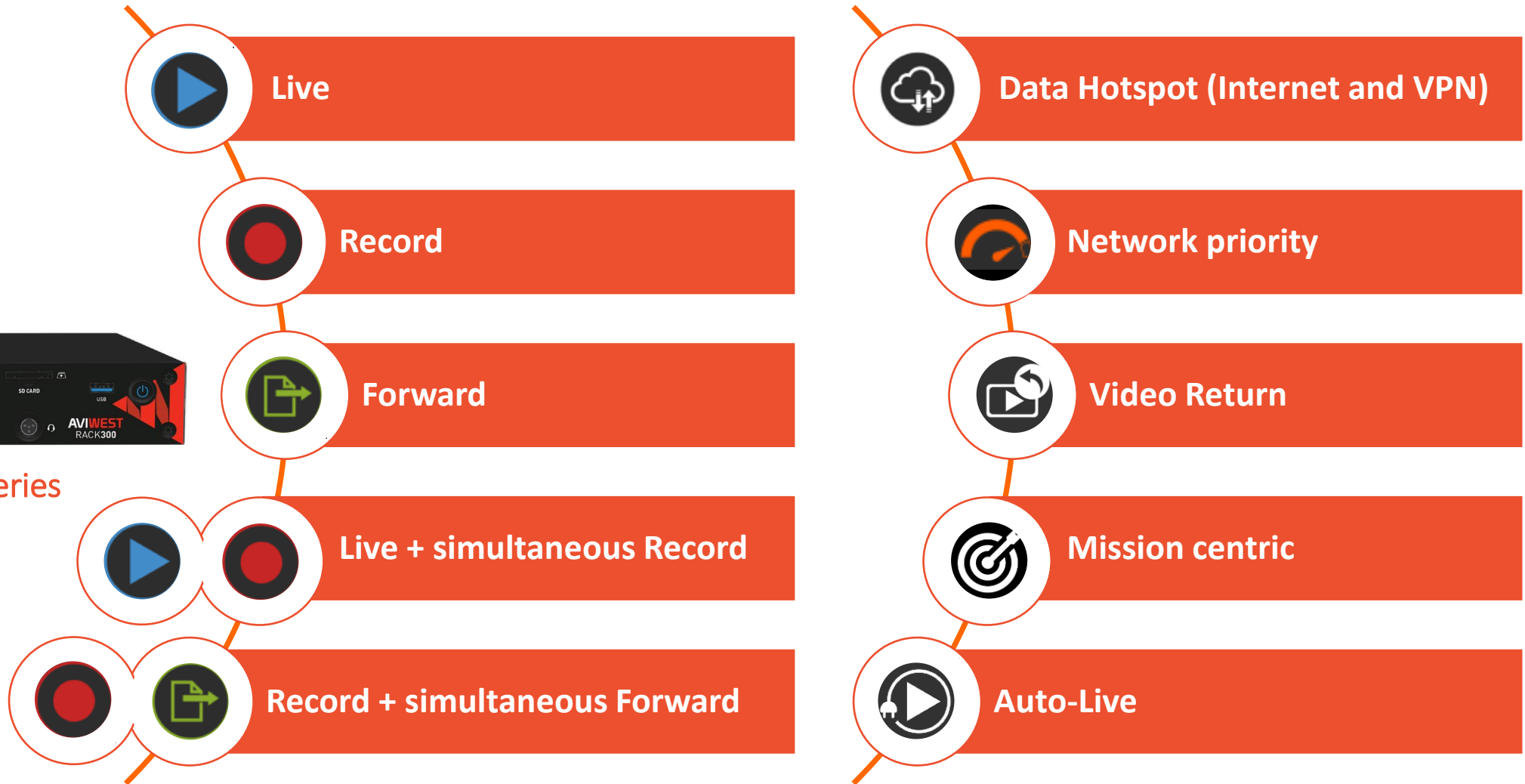
# RACK Applications.



# RACK in a nutshell.



RACK Series



# RACK UI.

NATIVE UI



WEB UI

A screenshot of the AVIWEST RACK2 web interface. The top navigation bar includes 'Admin', 'Settings', 'Network', and 'Backup'. The main content area is divided into a status overview, a network table, and an encoder configuration section.

**Status** Offline

Video Source: Pattern (1080i50)  
Audio Source: Pattern  
Live Profile: DEFAULT  
Record Profile: DEFAULT  
Destination Profile: MyStreamHub

Network	Status	Tx Bitrate	Priority
ETH1	10.50.1.158	19.0 kbps	
ETH2	No link	0 bps	

**Encoder**

Live Profile: DEFAULT

Auto-record:  OFF

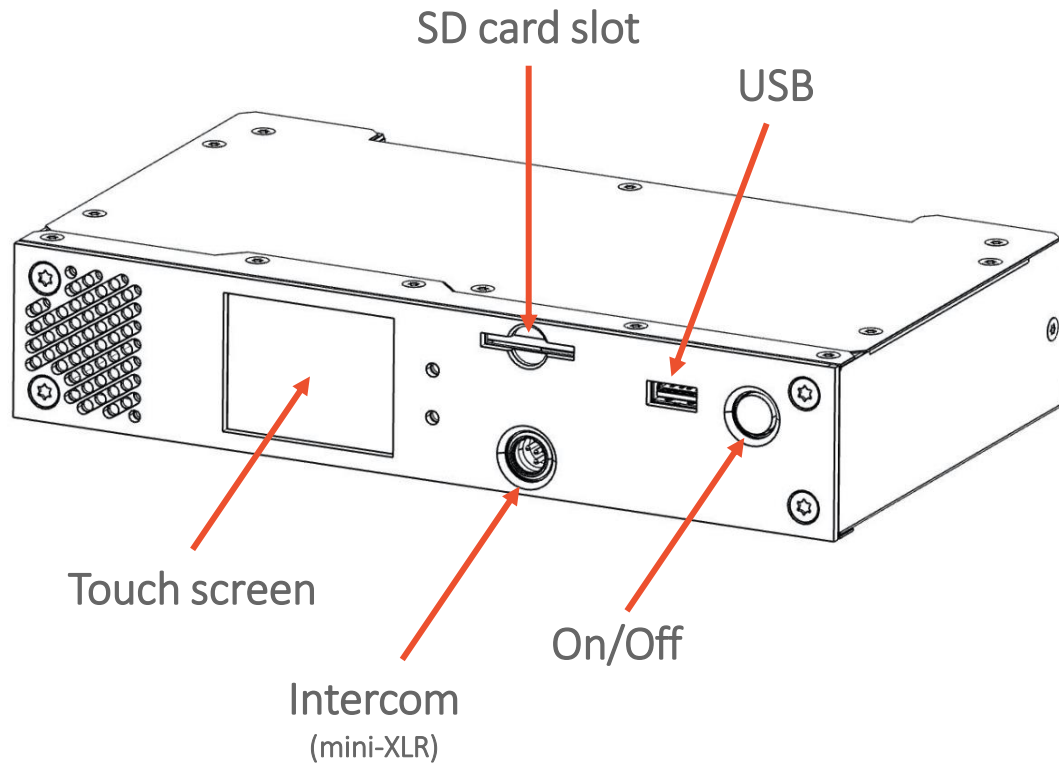
Record Profile: DEFAULT

Auto-forward:  OFF

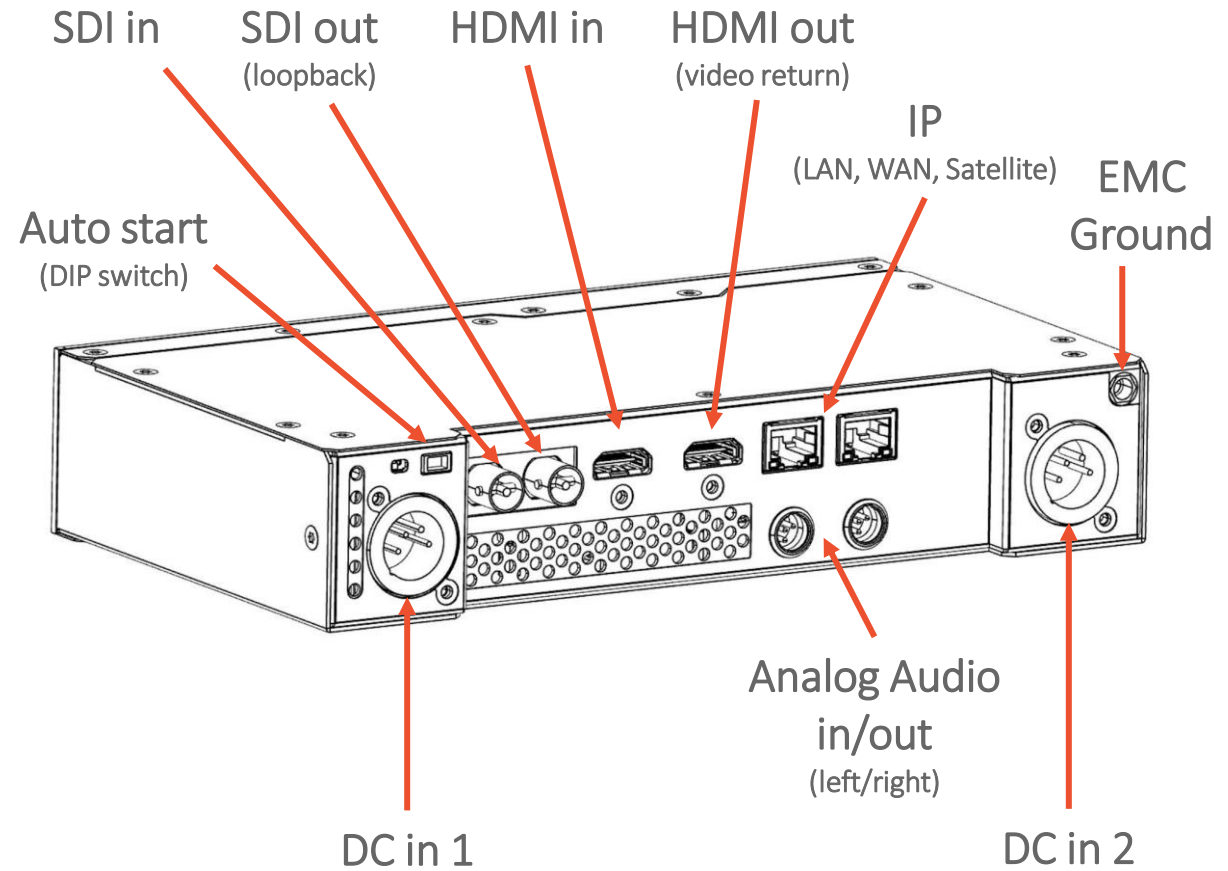
Destination Profile: MyStreamHub

# RACK Interfaces.

## FRONT

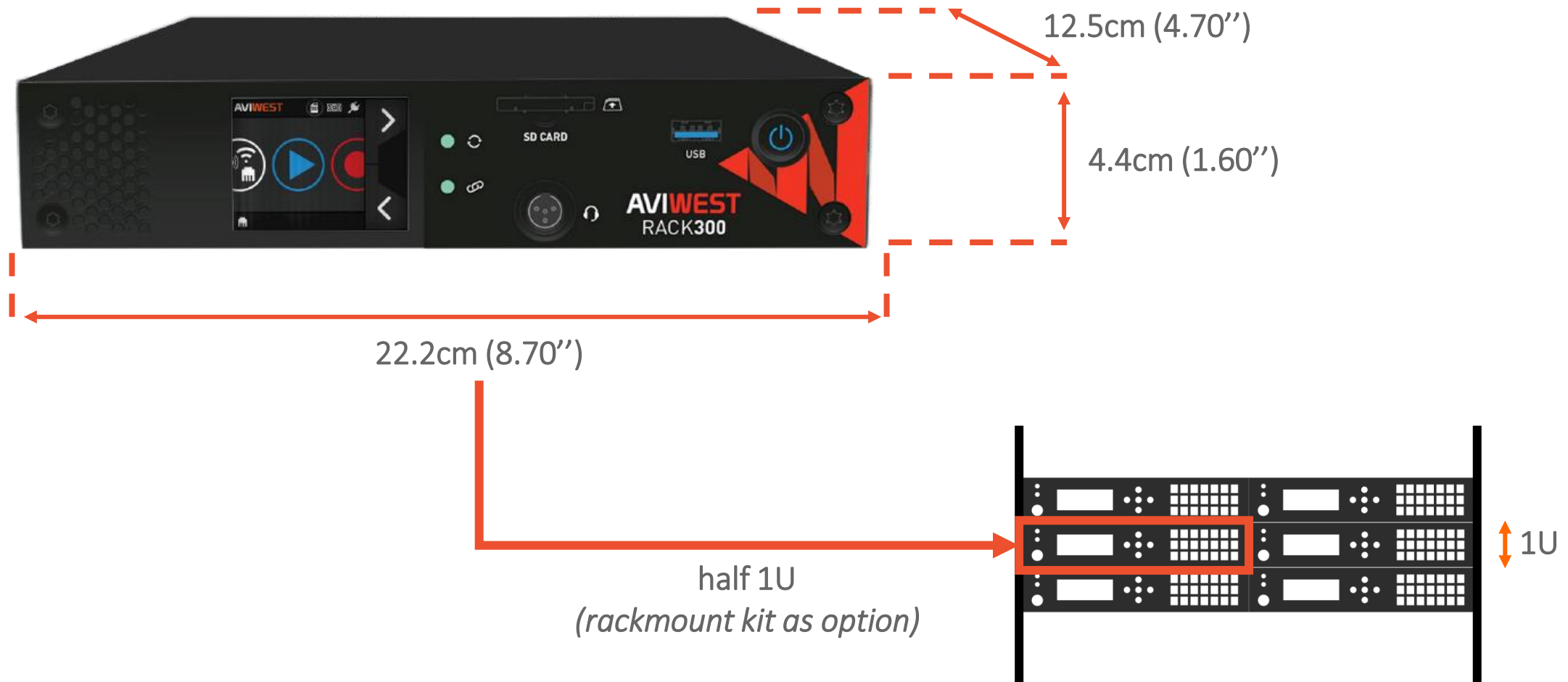


## REAR



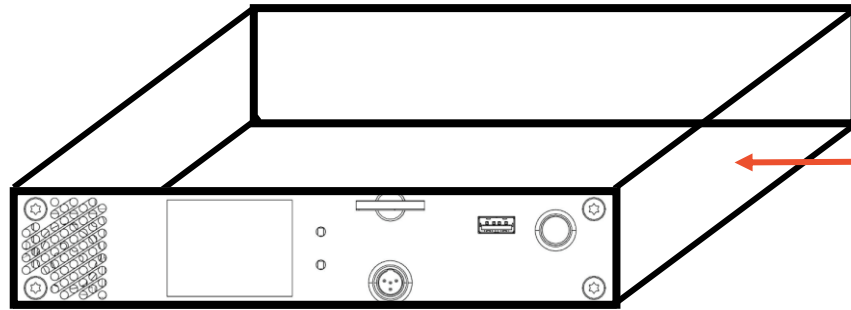


# RACK Ultra Compact.

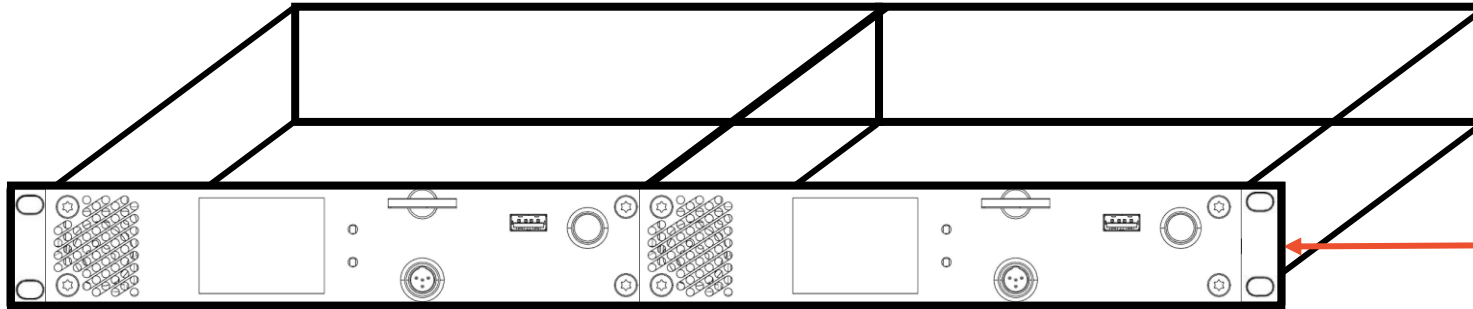


# RACK Series mounting kit.

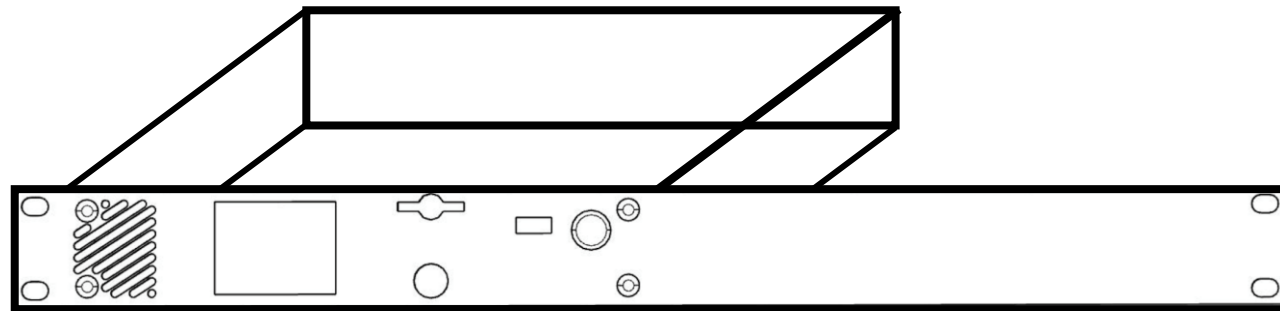
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Standalone RACK200/RACK300



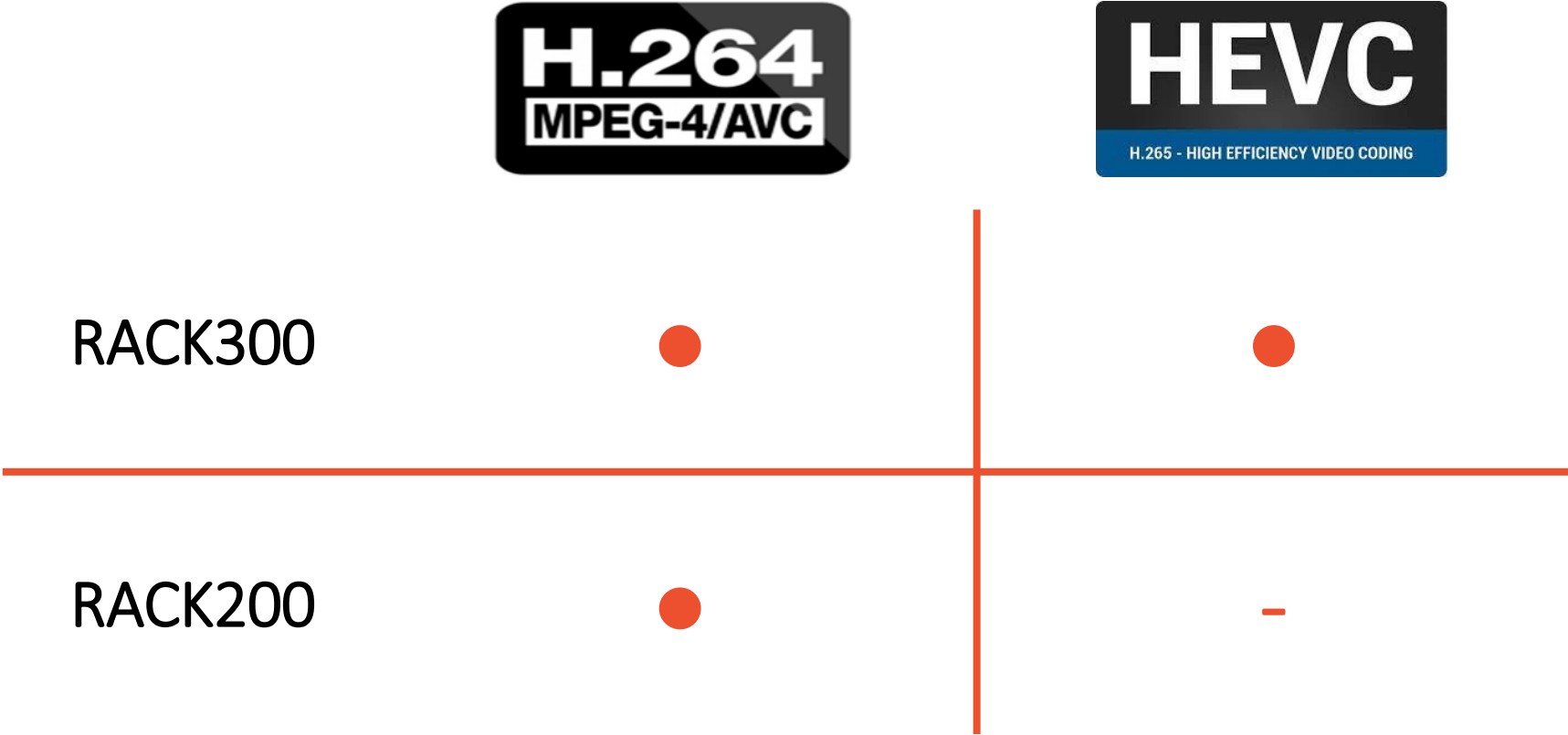
1U Dual unit front panel kit







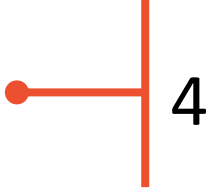





1U Single unit front panel kit

# Video.

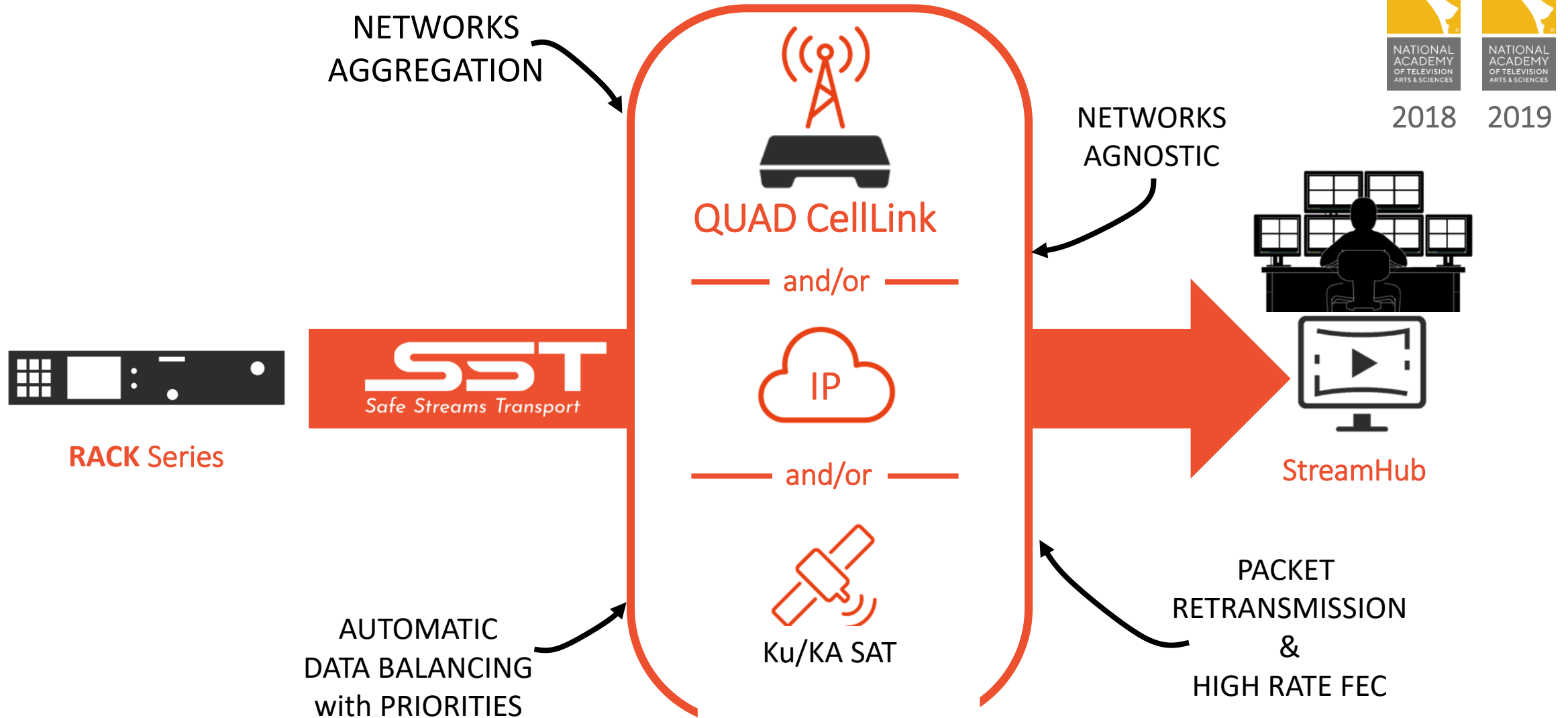
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# Audio & Video.

	Dual Hardware Encoder ( <b>LIVE &amp; RECORD</b> )  		AAC
<b>Resolutions</b> ( <b>Dynamic &amp; Static</b> )	1080p25/29.97/30/50/59.94/60 1080i50/59.94/60 720p50/59.94/60 PAL, NTSC	<b>Channels</b>	 x1 Mono x2 Mono x1 Stereo x2 Stereo
<b>Bitrate</b>	CBR & VBR 200 Kbps to 20 Mbps	<b>Bitrate</b>	32 Kbps to 256 Kbps per channel
<b>Latency</b>	Down to 500ms (CBR mode) Down to 800ms (VBR mode)		
<b>Interfaces</b>	 3G-SDI  HDMI 1.4	<b>Interfaces</b>	 3G-SDI  HDMI 1.4  mini-XLR (Analog)

# Any Networks from Anywhere.



# Cellular Connectivity 3G/4G modems.

+8

High Efficiency 3G/4G modems



QUAD CellLink

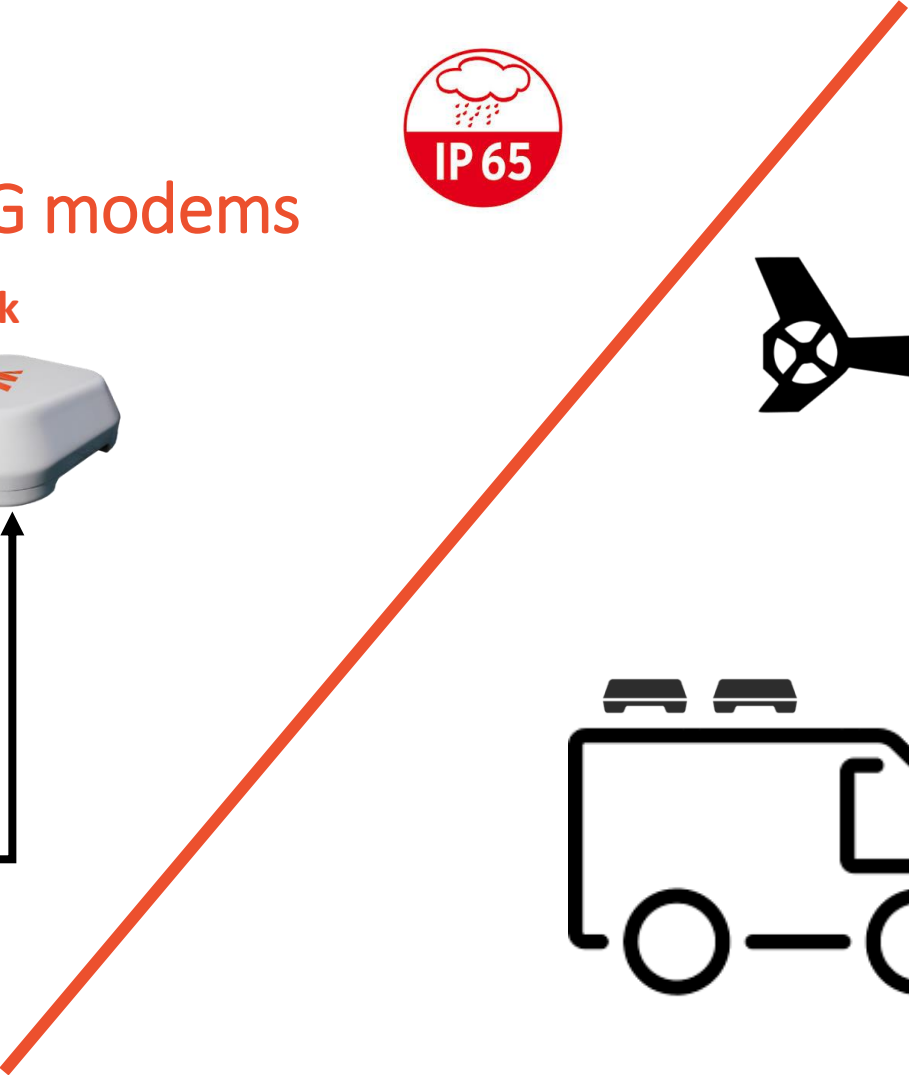
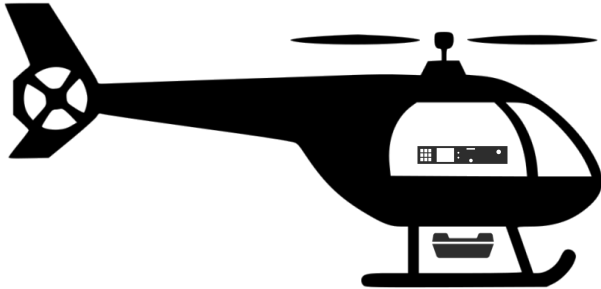


USB

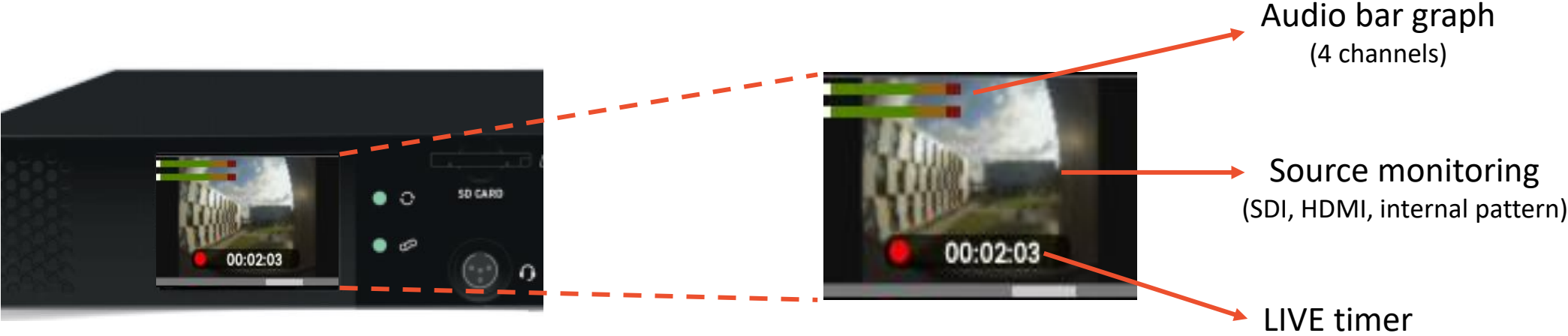
Up to 8 m



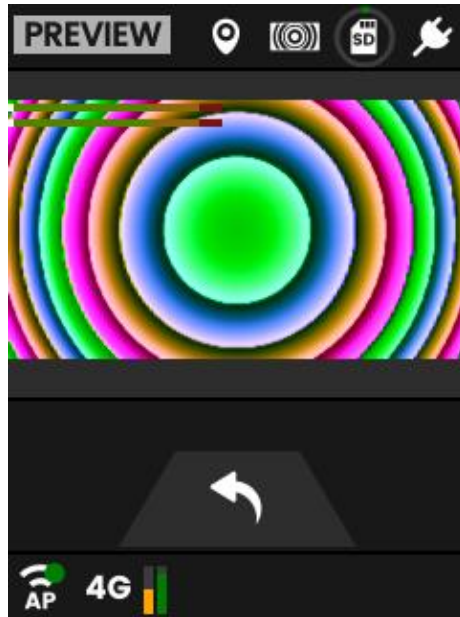
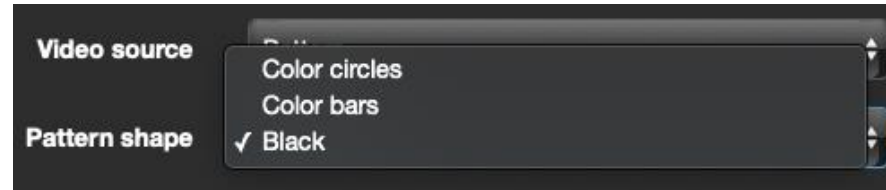
RACK Series



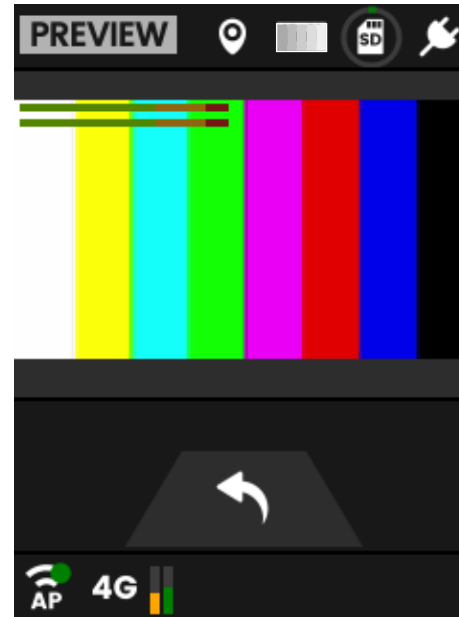
# Video Preview.



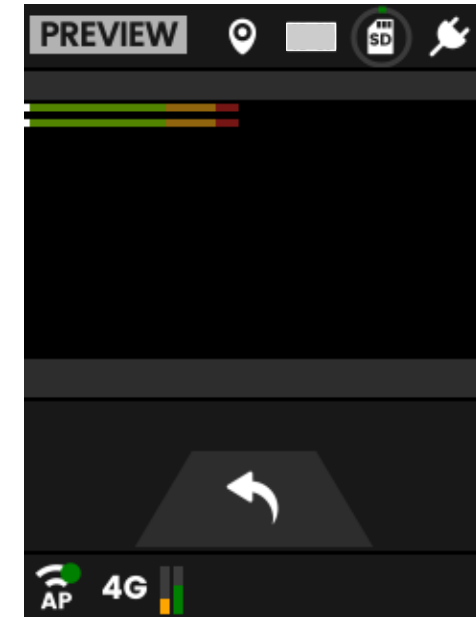
# Internal Video Pattern.



Network testing



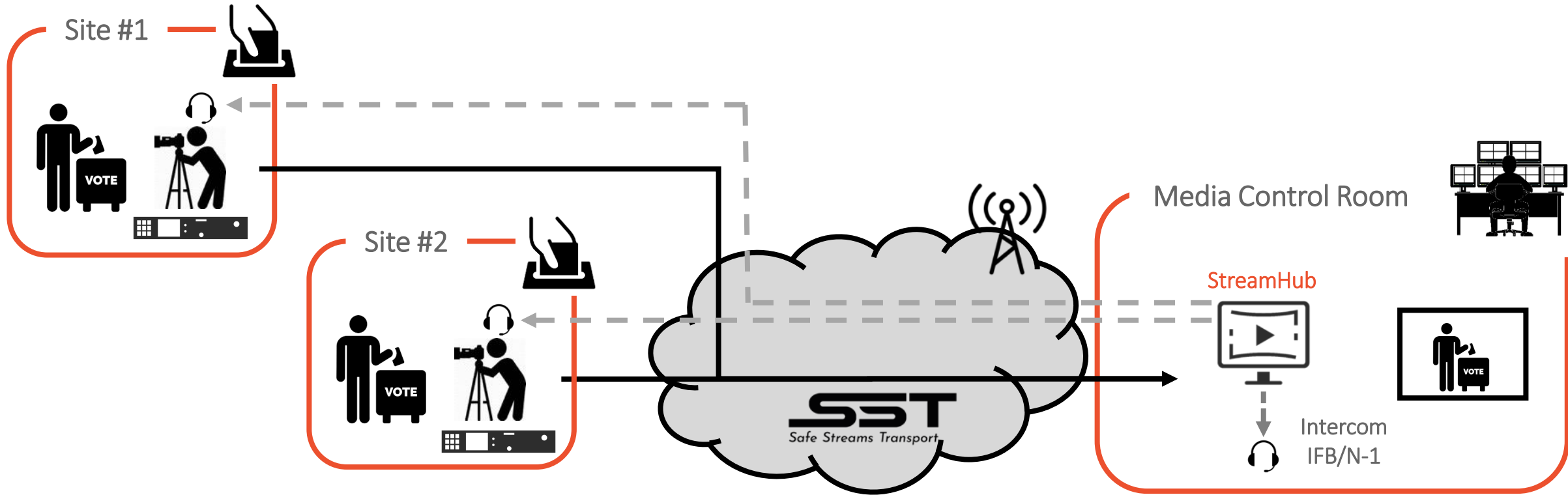
Color tuning



Audio only transmission



# Intercom / IFB.

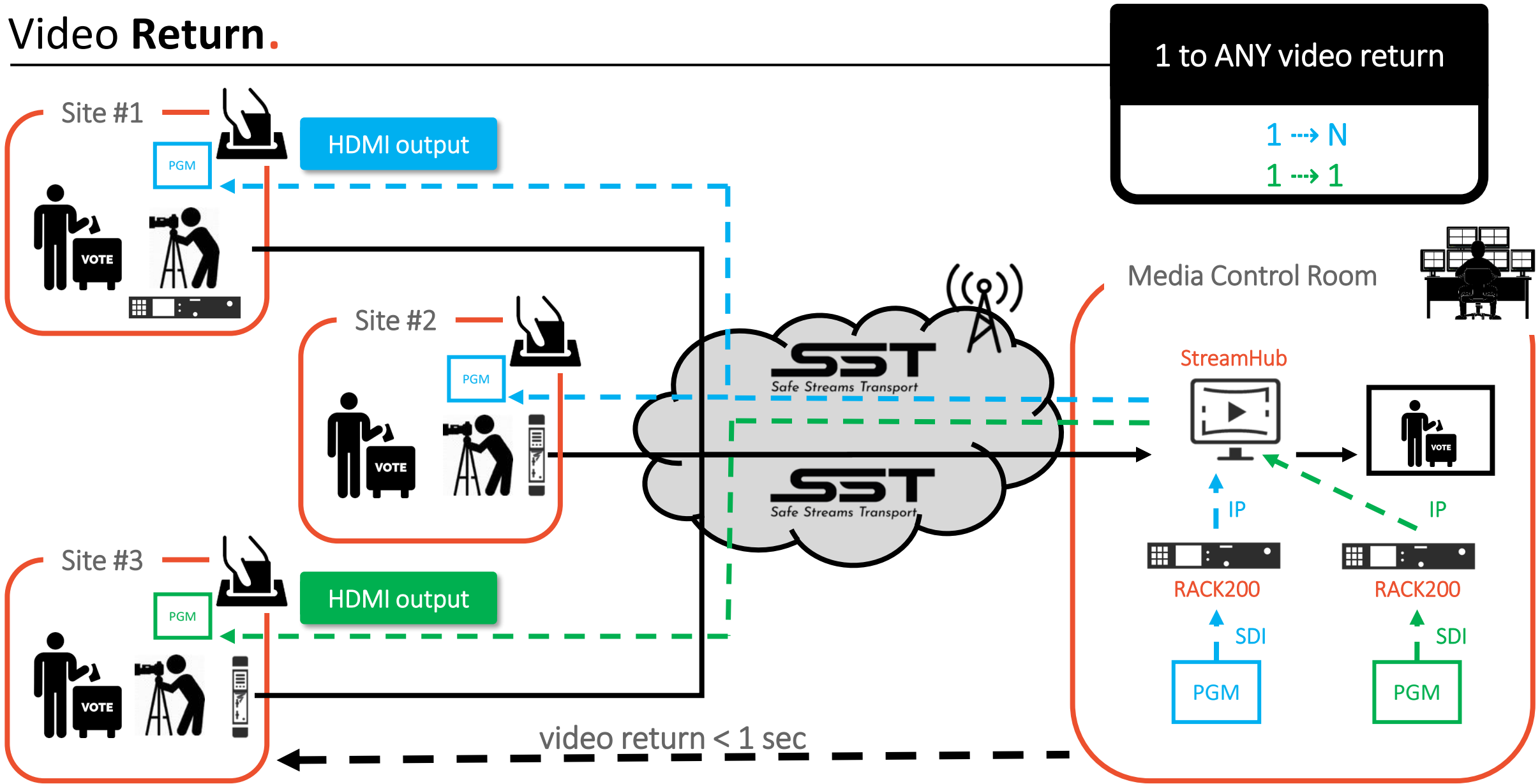


Nothing to configure  
on Device

Available  
before/during/after LIVE

Full duplex

# Video Return.



# Video Return.



Plug and Play  
(no configuration)



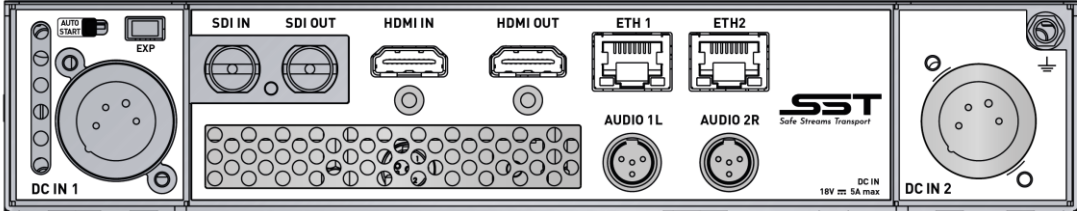
Video Return  
stream received

Front



HDMI  
in

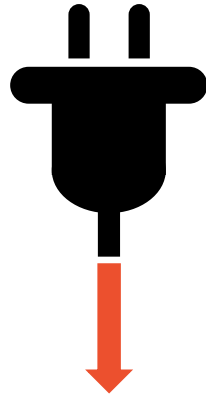
HDMI  
out



Rear

# Auto-LIVE Start.

## Plug & LIVE



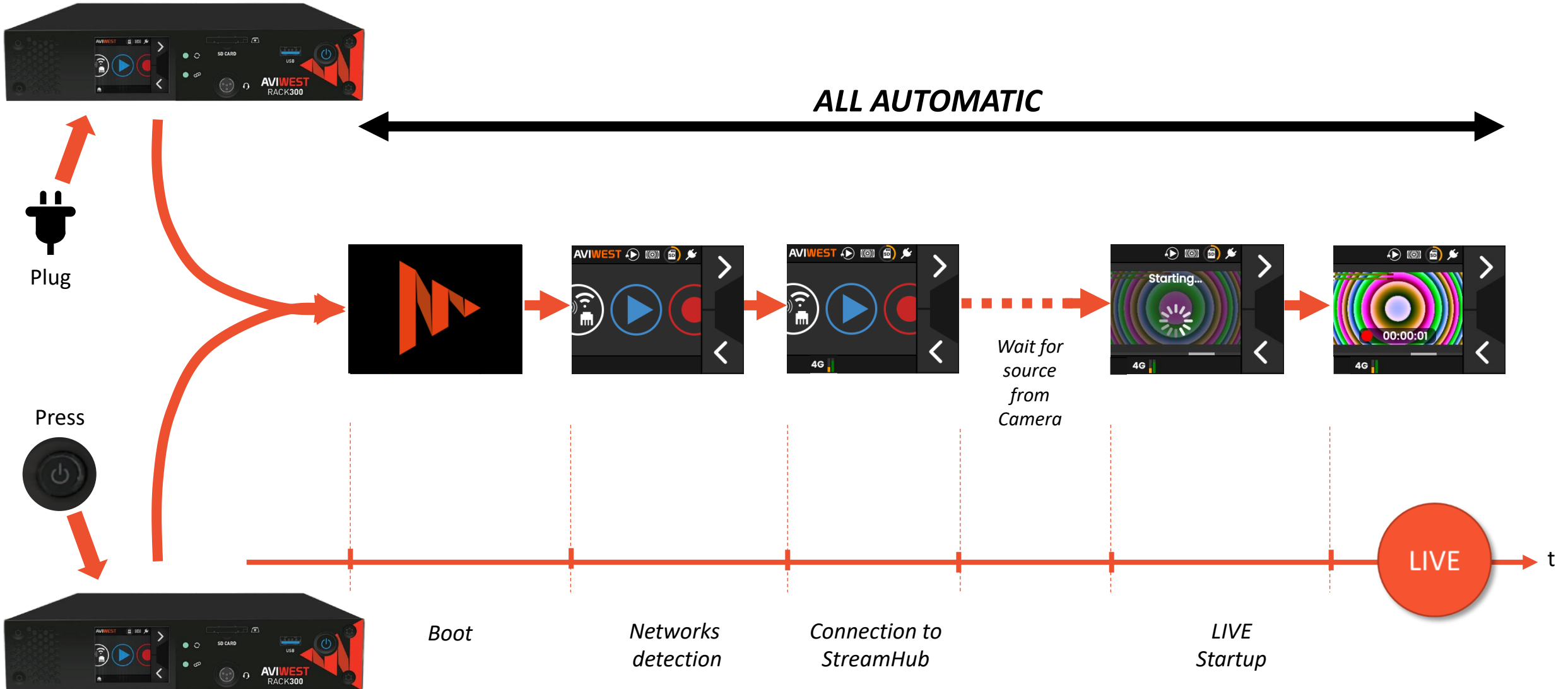
LIVE when plugging the power  
(DC adapter)

## Press & LIVE



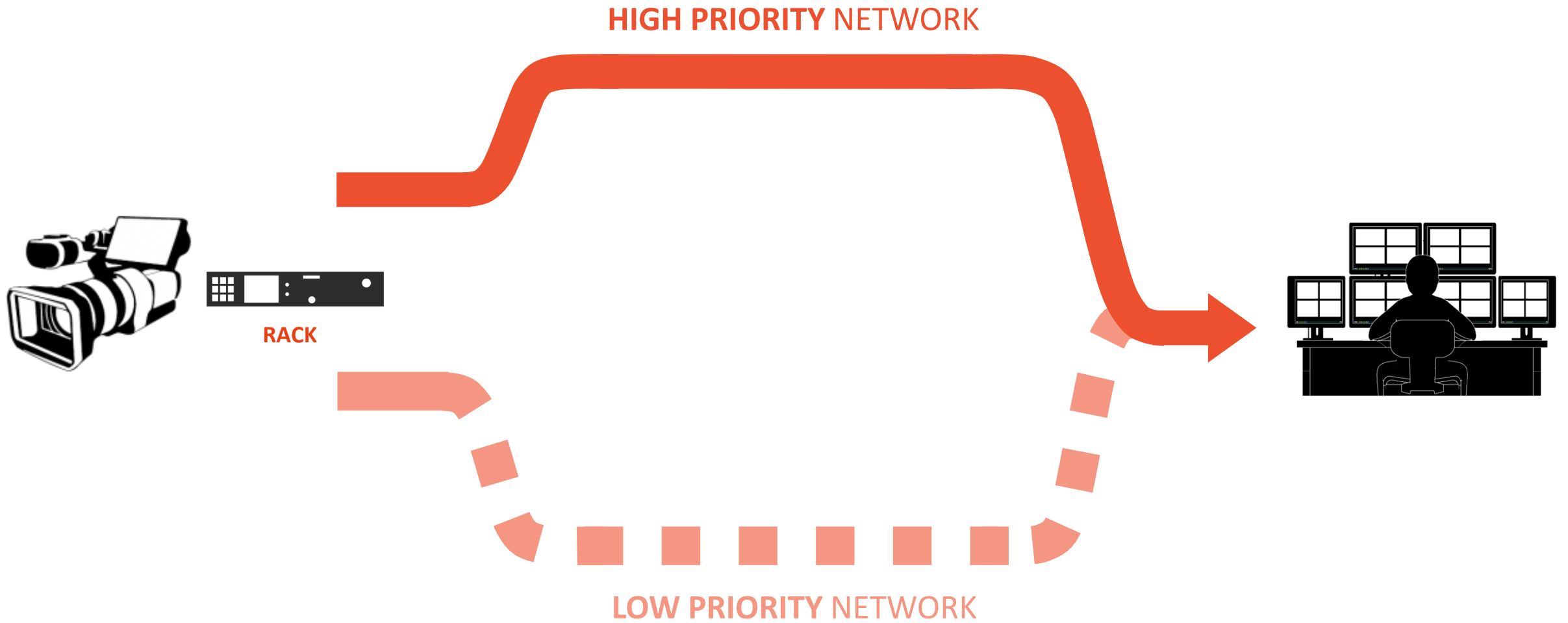
LIVE when pressing the  
*POWER ON* button

# Auto-LIVE Start.

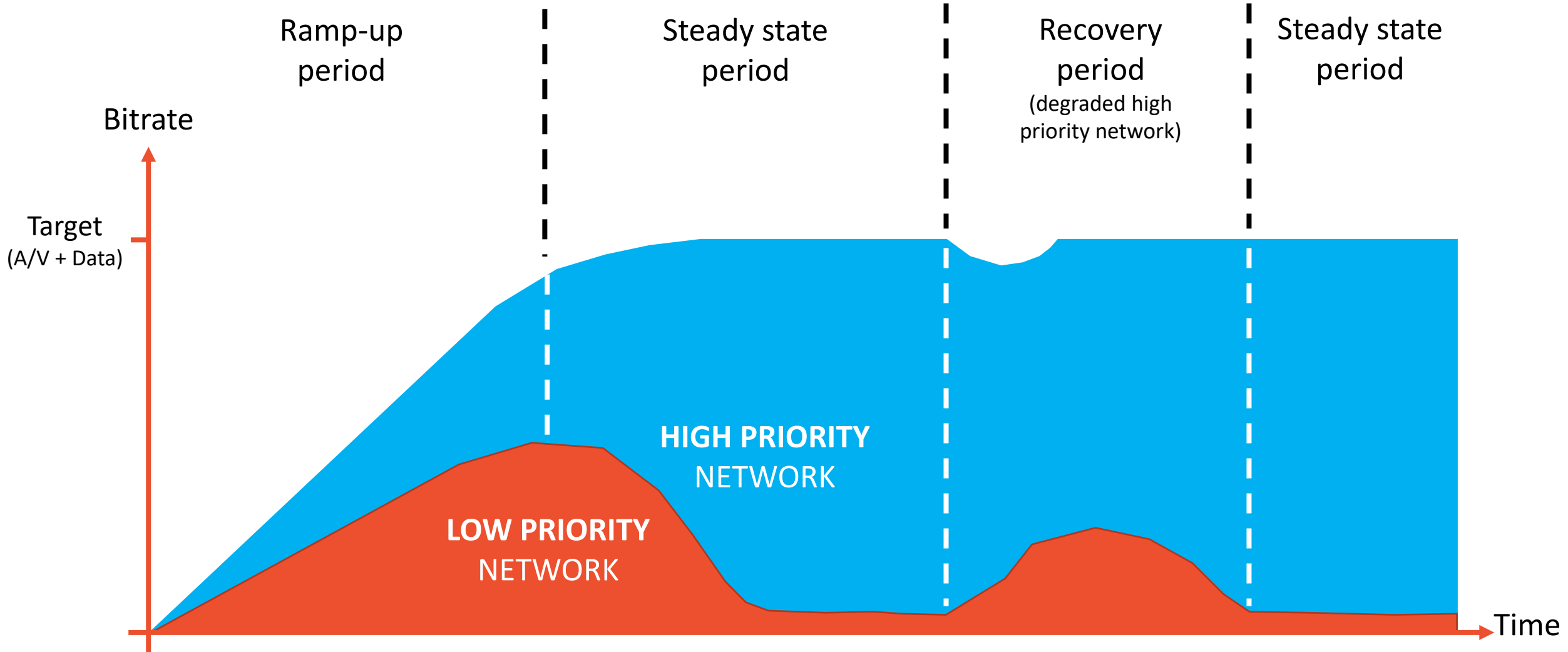


# Networks **Priority.**

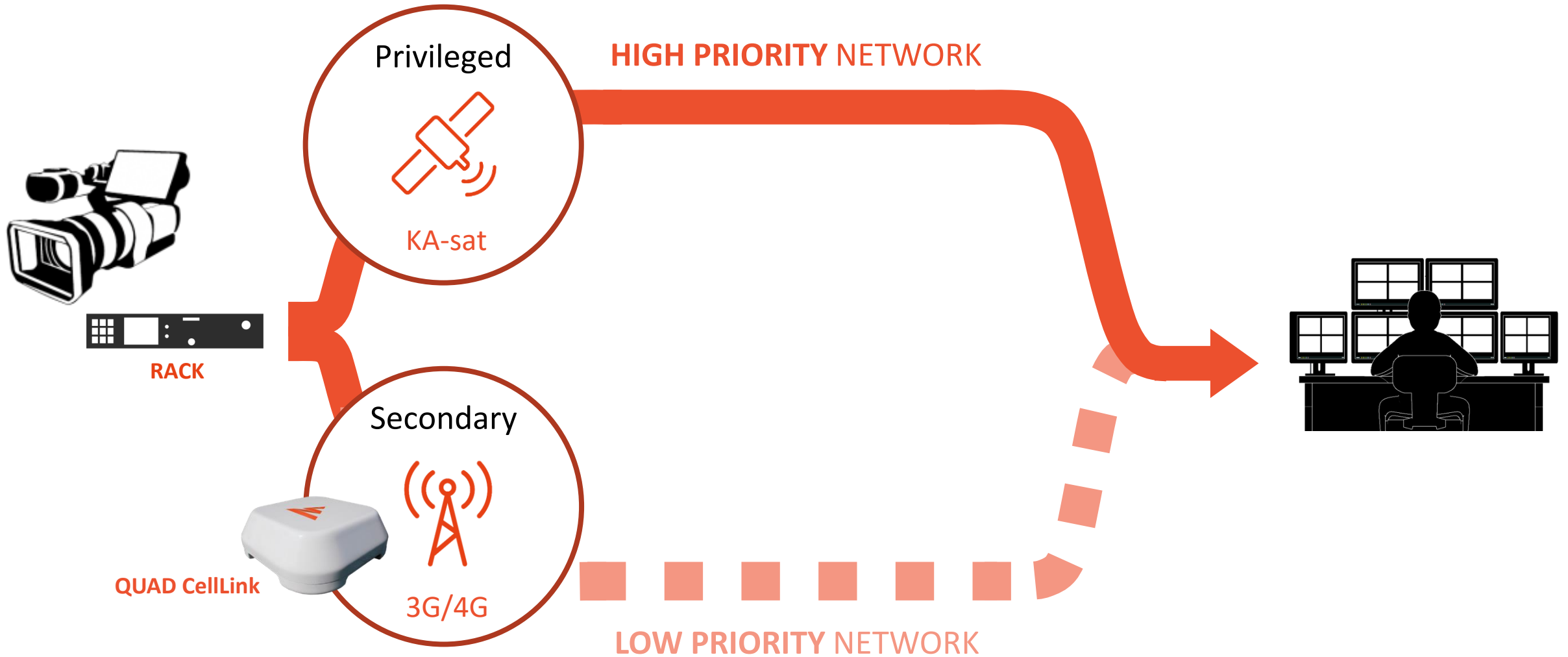
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# Networks Priority.

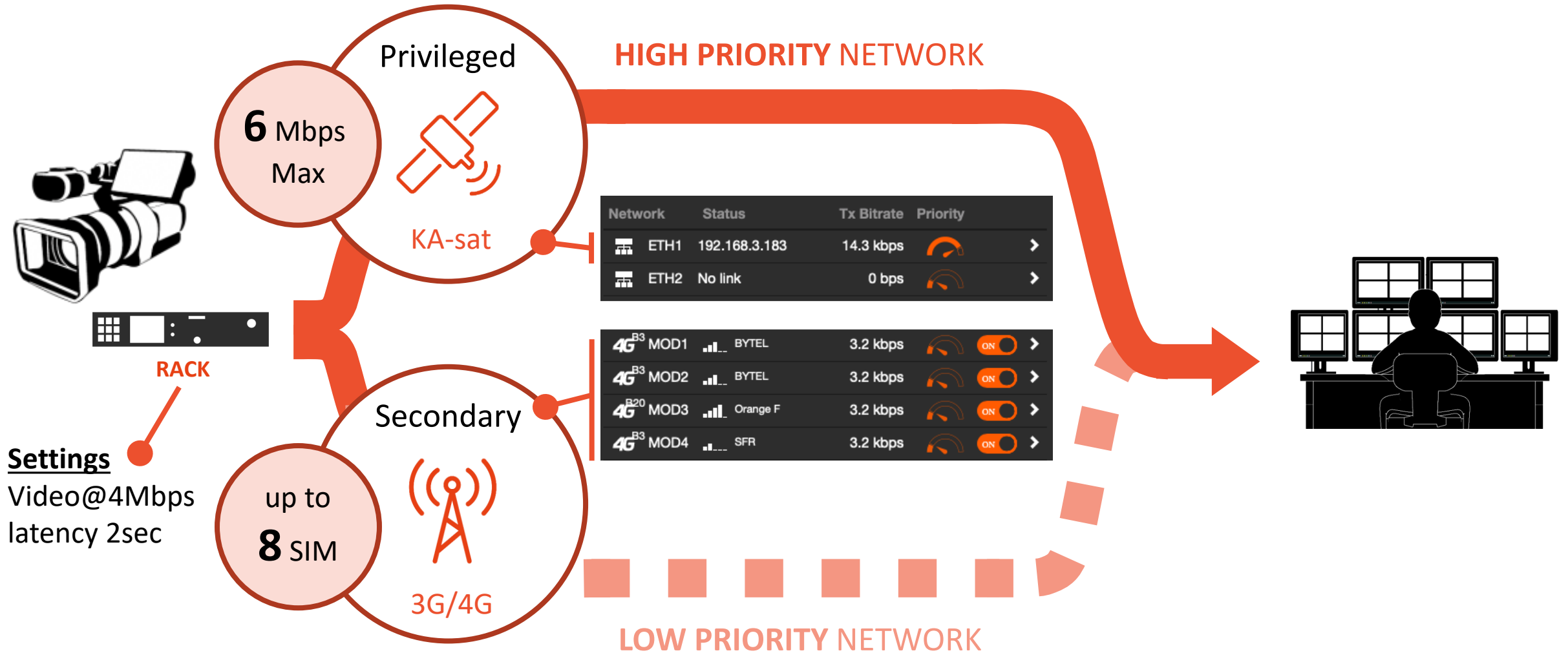


# Use case: Heterogeneous networks.





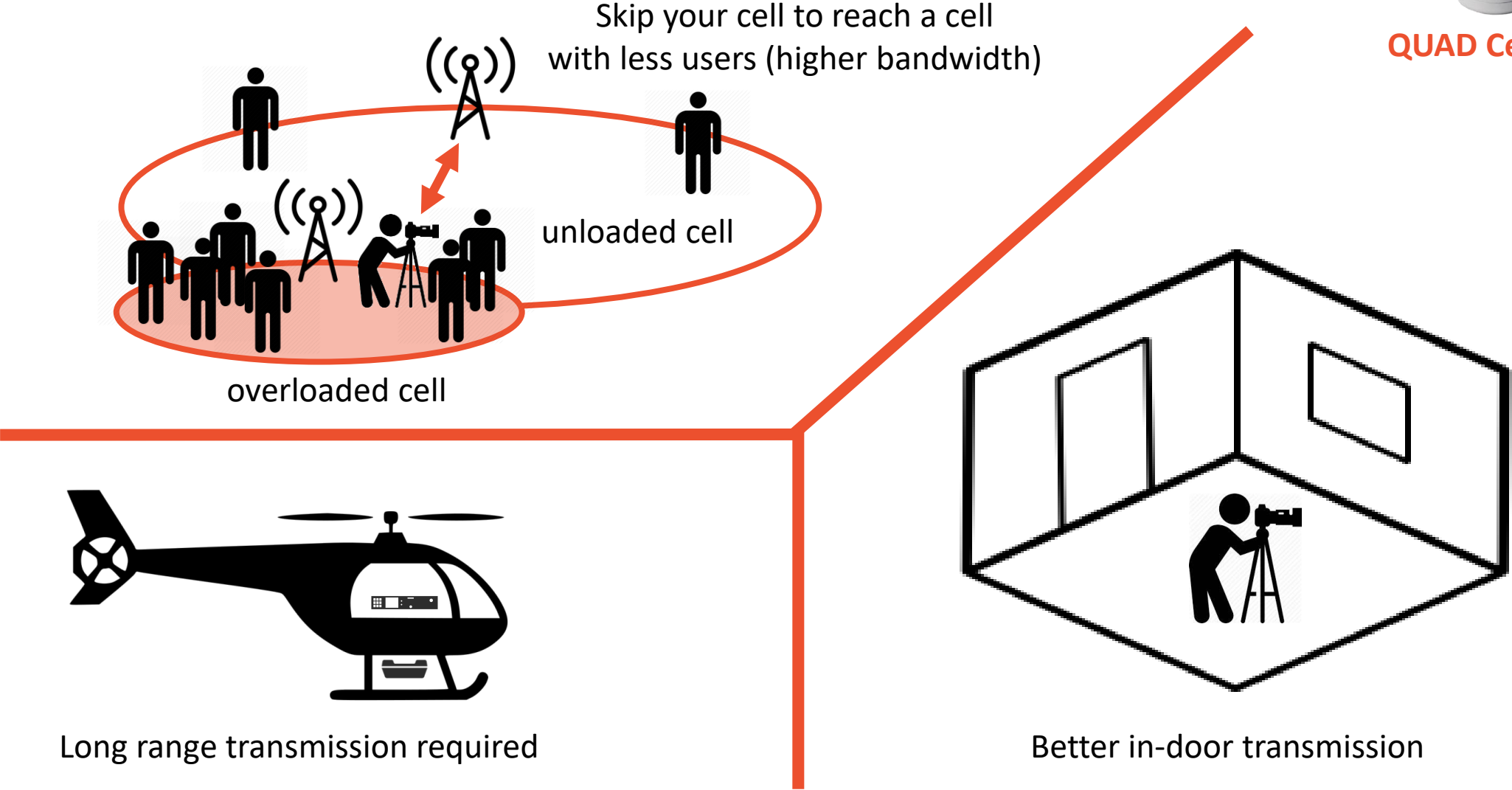
# Use case: Heterogeneous networks.



# Cellular Bands Selection.



QUAD CellLink



# Cellular Bands Selection.



QUAD CellLink

Two modes

Configurable from Web UI and Native UI

Standard

Expert

Frequency Bands

Expert  OFF

Network Mode: Auto

Preset: All Bands

Cancel Apply

- ✓ All Bands  
Low Frequency
- ✓ Auto  
4G only  
3G only

Select network technology (3G, 4G, Auto)  
Enable all bands or low frequency only

Frequency Bands

Expert  ON

4G Bands

B1	B2	B3	B4	B5	B7	B8	B12	B13	B17
B18	B19	B20	B21	B25	B26	B28	B29	B30	B38
B39	B40	B41	B66						

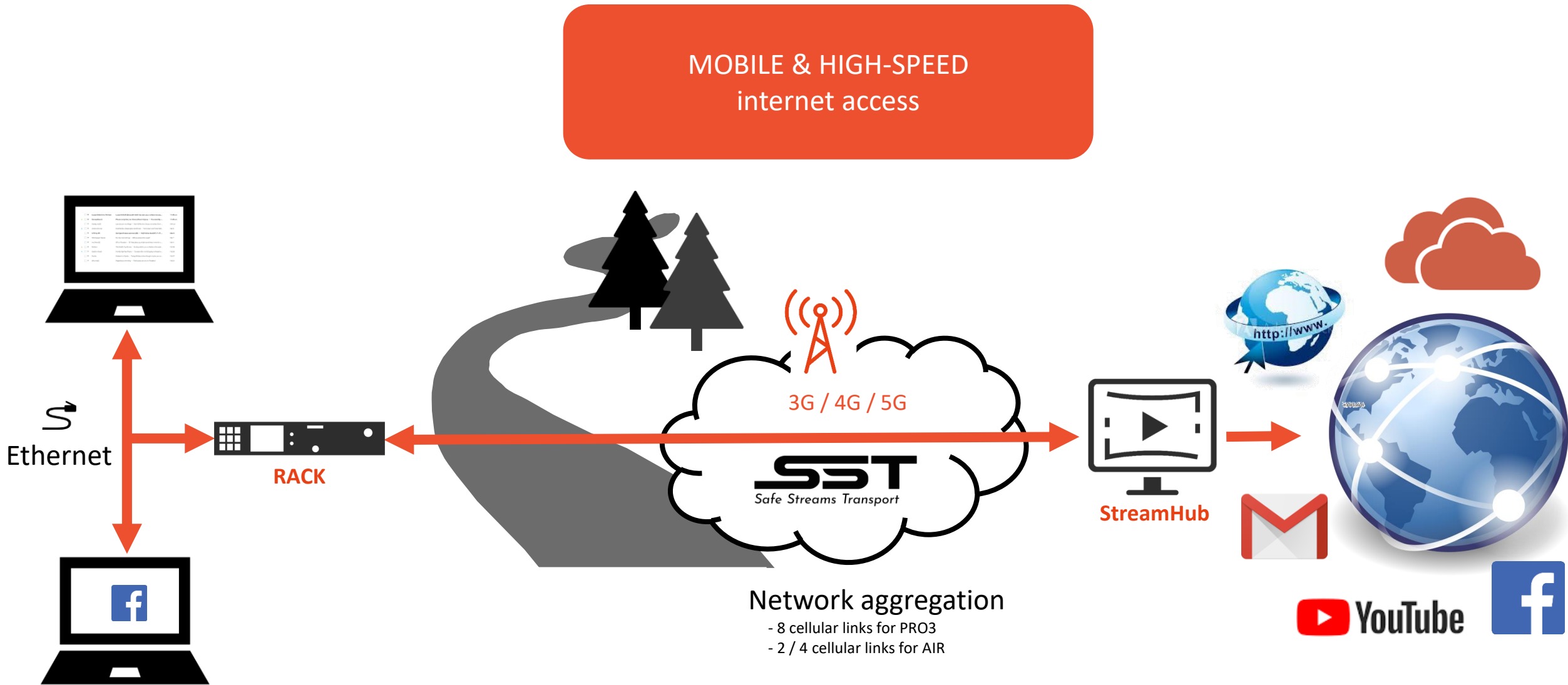
3G Bands

B1	B2	B4	B5	B6	B8	B19
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Cancel Apply

Enable/Disable Bands individually

# Data Hotspot from EVERYWHERE.

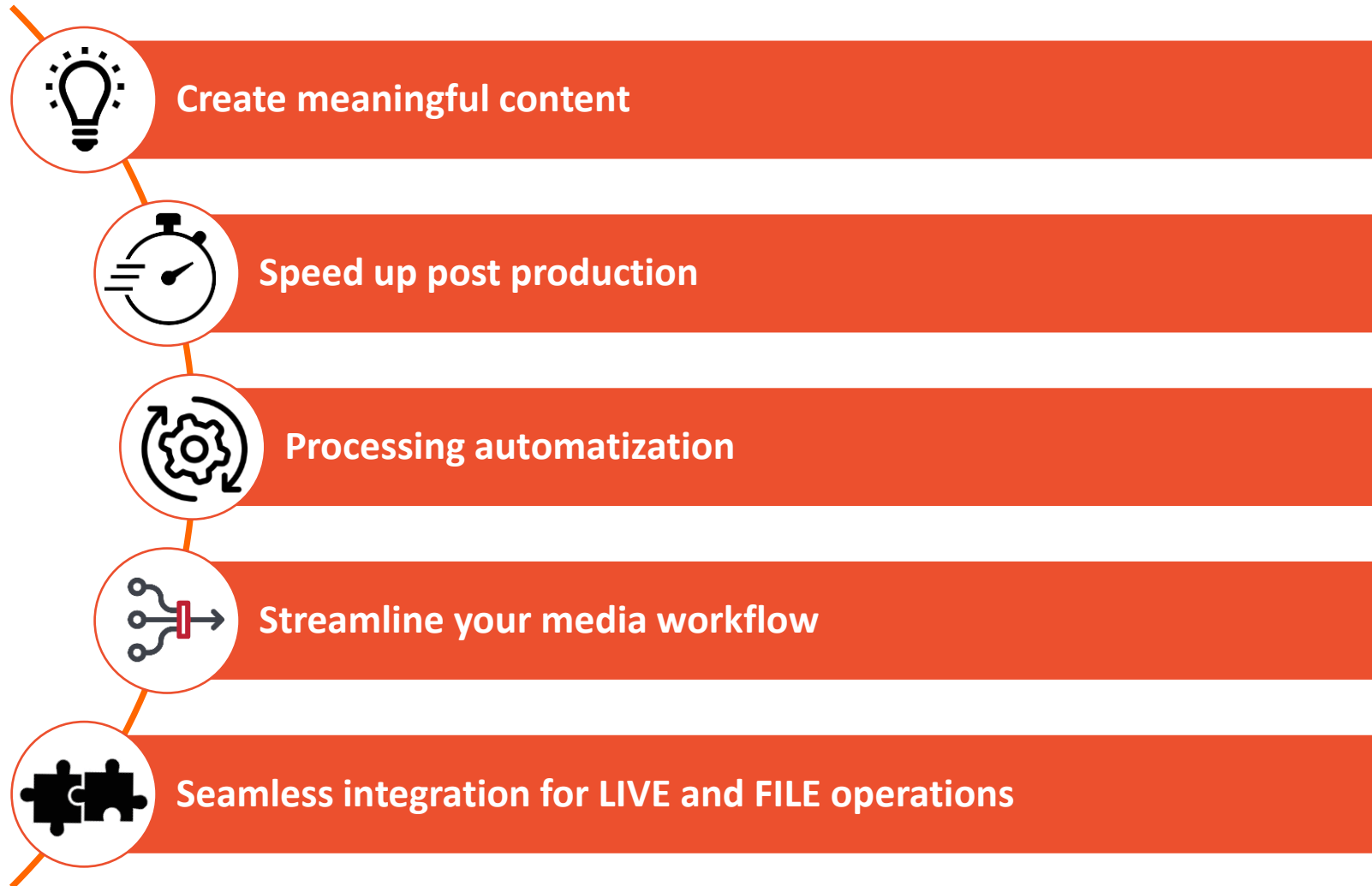


# Mission Centric Workflow.

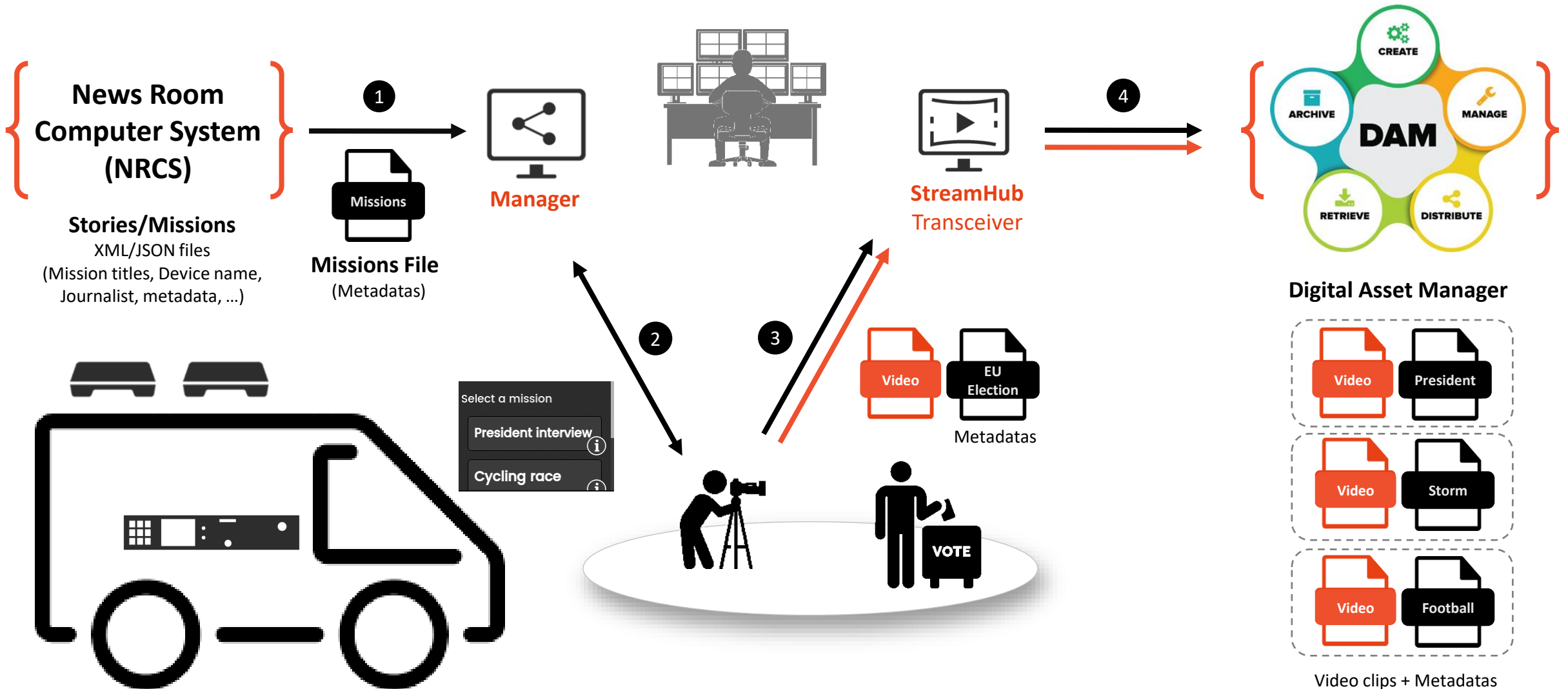
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Missions



# Mission Centric Workflow.



Thanks.