

5G&MEDIA

Dutchguild of Multi Media Engineers



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We Enrich and Ensure Media Experiences

2500 Media Experts



4 Continents

Since 1965

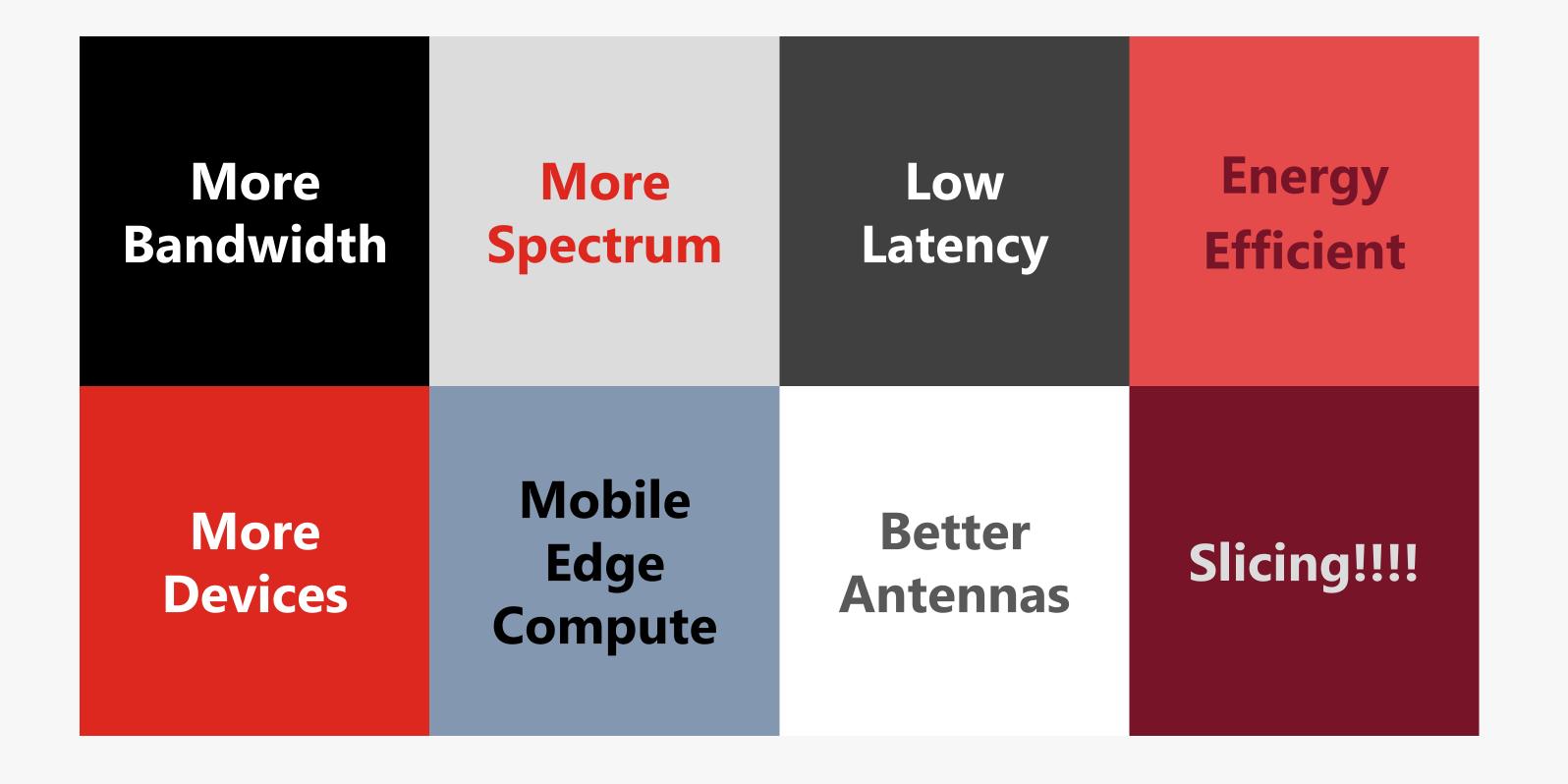
11 Media Hubs

WHAT IS 5G?



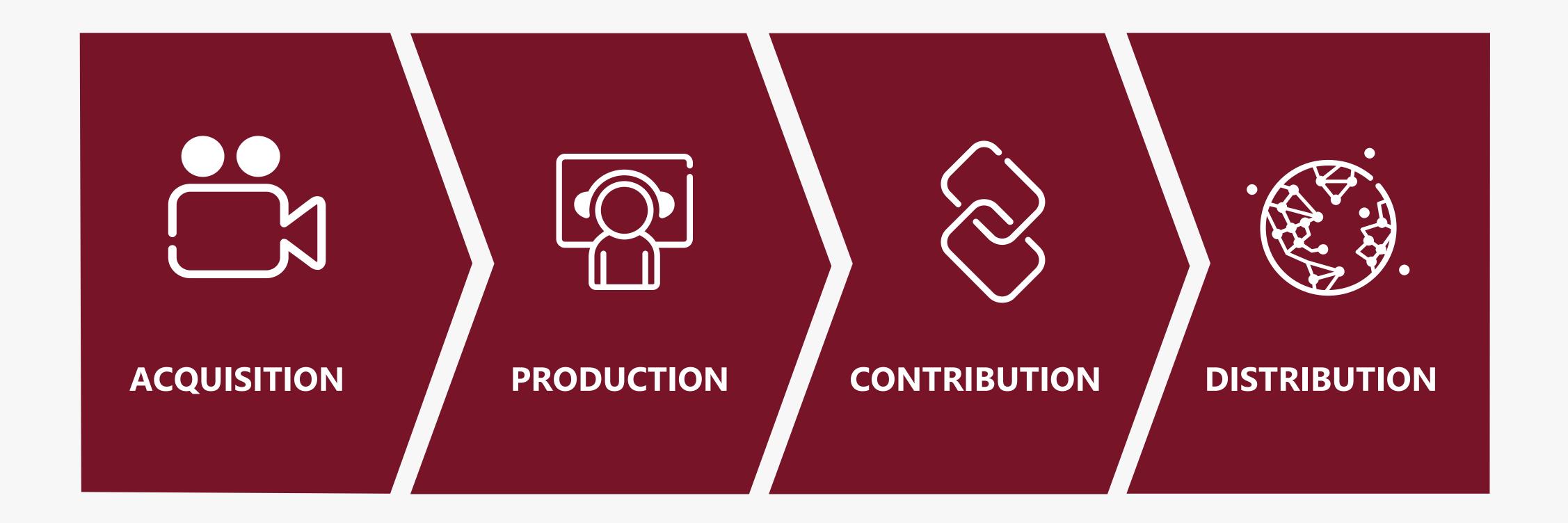
WHAT IS 5G?

Is it 100 times better?



5G Media Use-Cases







ACQUISITION 5G use-cases



PMSE

Very low latency, high reliability and synchronicity demands from microphones, earwigs, and in-ear monitoring systems during live performances on stage.



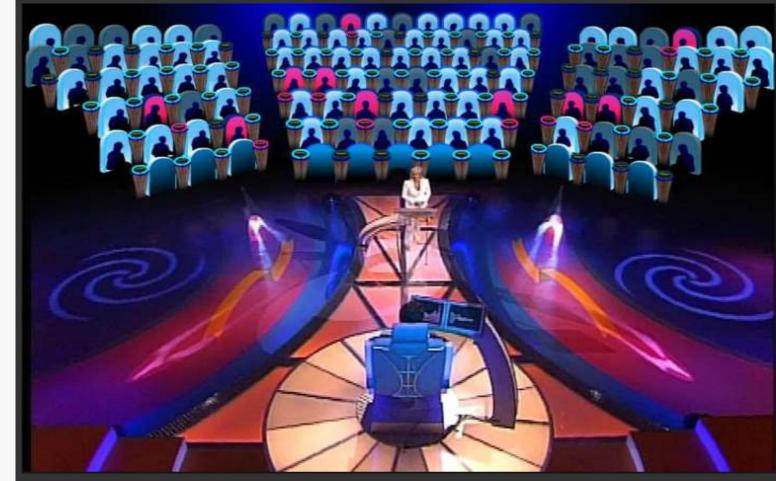
WIRELESS CAMERAS

Very high data rates for remote operation and control of deployed cameras connected to an OBvan or remote production area.

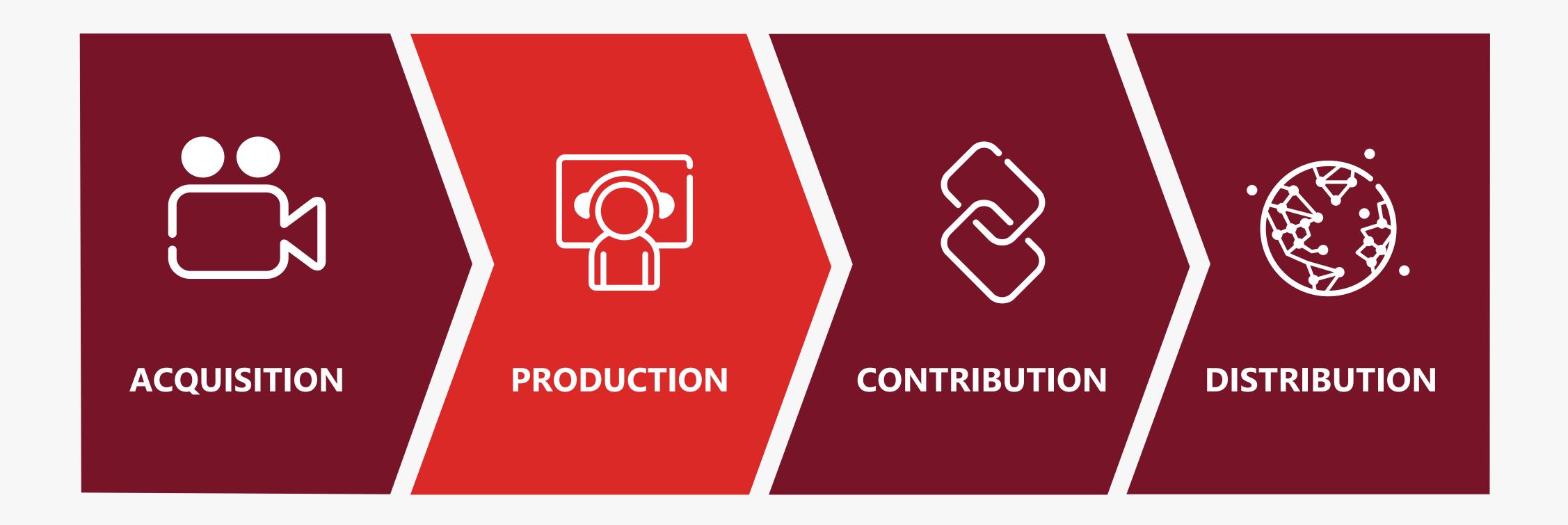


SENSORS

Very efficient energy use for sensors for interaction in production and/or mass data collection during a live performance.



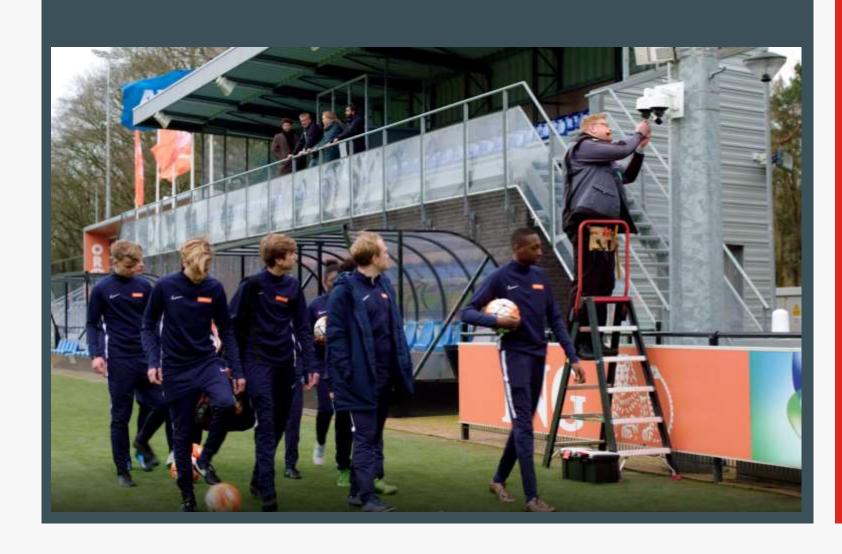






SMART PRODUCTION

Automated Al assisted production solutions making use of Mobile Edge Compute (MEC) processing and reliable transport to cloud.



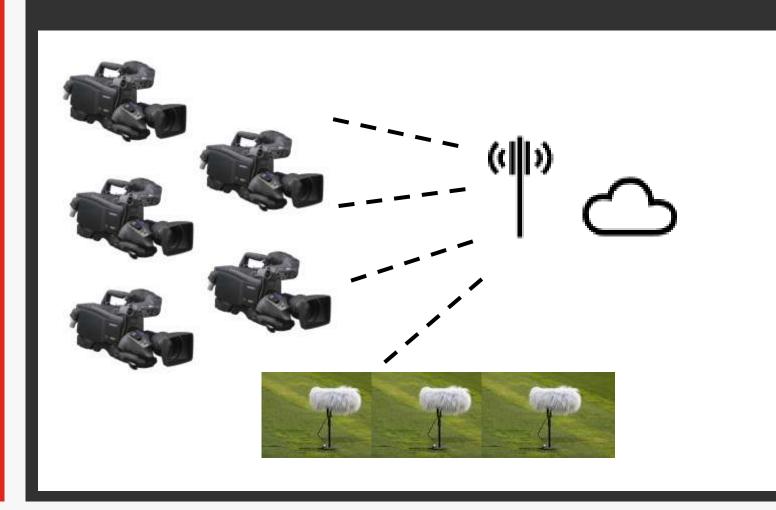
SMART OBVans

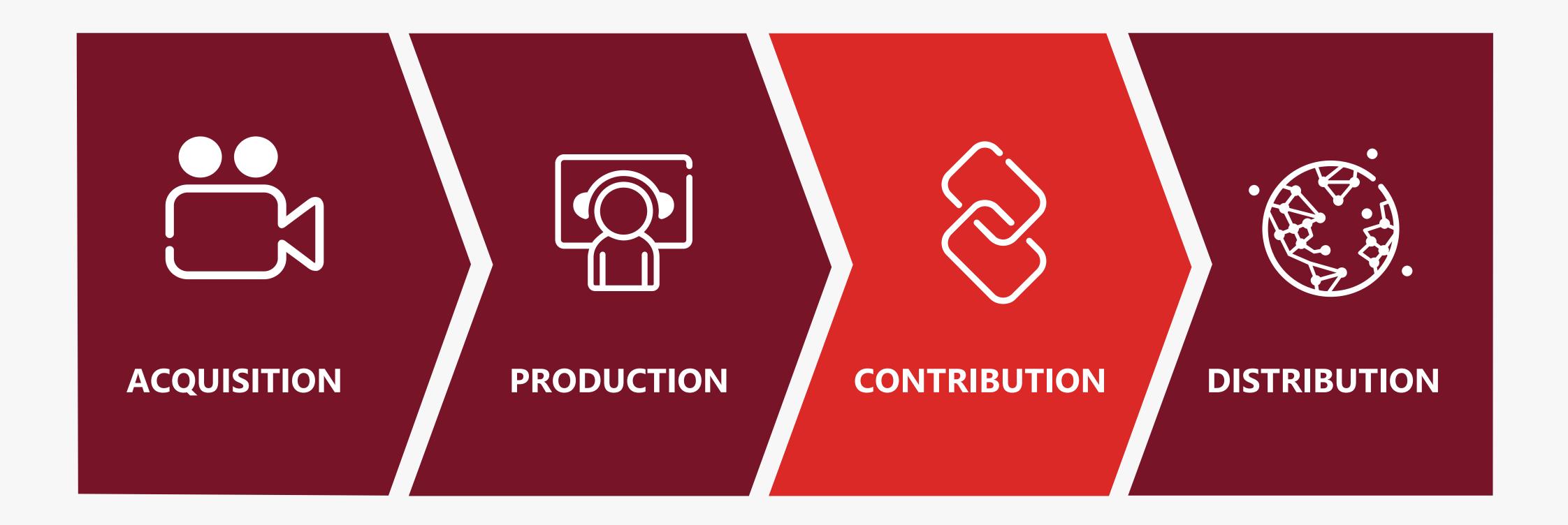
OBvans equipped with mixing consoles for live editing and recording, making use of MEC processing and reliable wireless content acquisition.



CLOUD PRODUCTION

Connecting multiple cameras, mics and other production equipment wireless to cloud solutions controlled by virtual control rooms





5G use-cases



SINGLE LINK

A single A/V link connected over 5G network to master control room with expected quality of service to substitute SNG or bonded 4G.



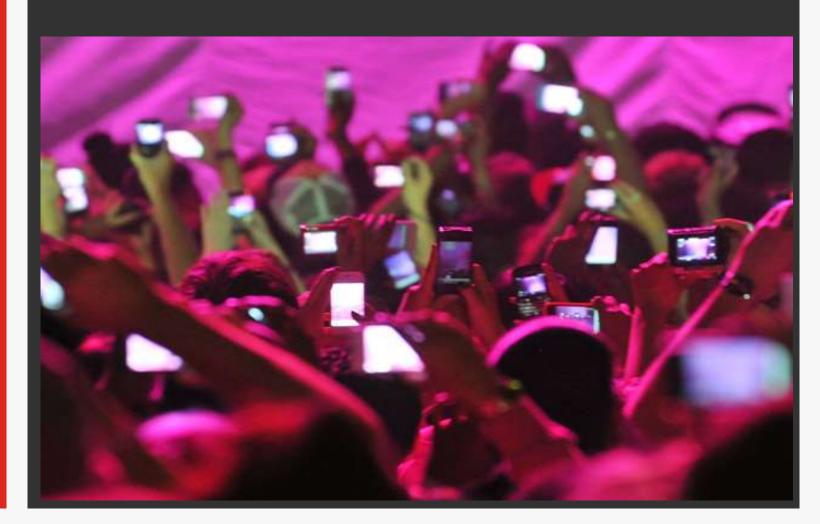
MULTI LINK

Connecting multiple cameras, mics and other production equipment wireless to remote production control room



MASS USG CONTRIBUTION

Large amount of mobile users streaming user generated content simultaneously from a venue.





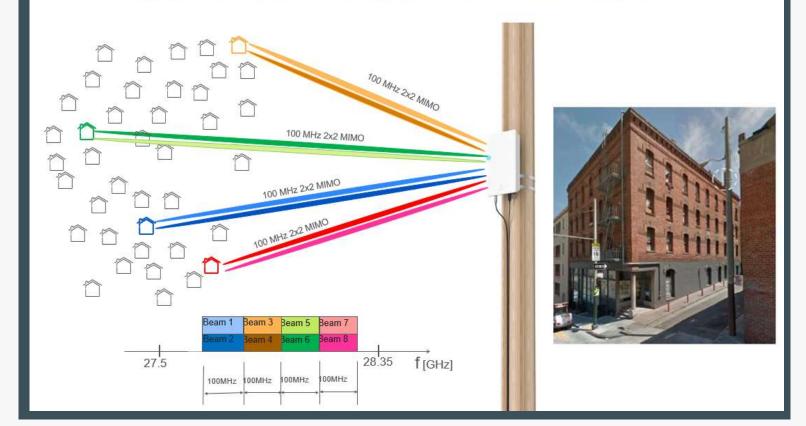
5G use-cases



FIXED WIRELESS

Distribution of content or ISP services to consumers over high capacity beam forming antennas to substitute on fixed wired

28 GHZ FIXED WIRELESS



BROADCAST

Distributing the same content or data to multiple users in the same cell or single frequency network and switch dynamically between unicast and broadcast based on demand.



VIRTUAL REALITY

Very high bandwidth and low latency for ultra high video quality and rapid response for the best experience.



