

4k REPROSYS

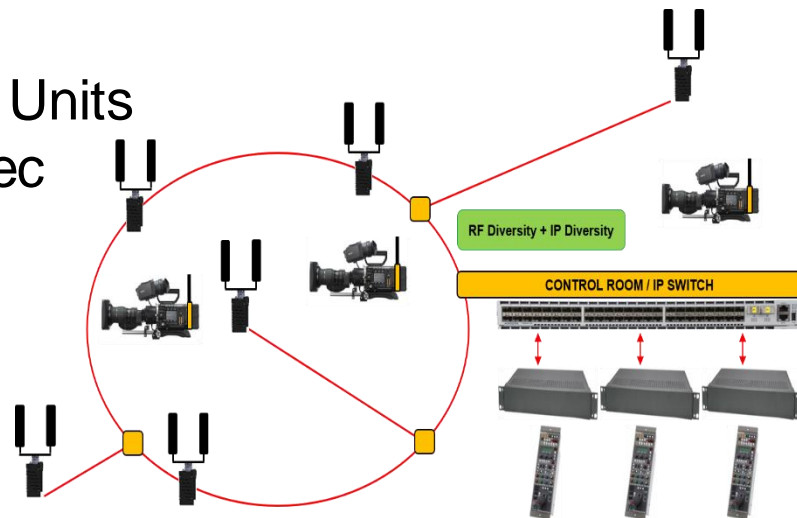



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4KREPROSYS: New integrated technologies for 4K TV content production

- 4K UHD Wireless Camera Head and Rec. Units
- 4K UHD Remote production HEVC Enc/Dec
- 4K UHD Airplane tracking antennas
- 4K UHD Advertisement insertion system
- 4K UHD Selective Protection Content



 Full IP-connectivity, Ultra-Low-latency, synch wired and wireless

4KREPROSYS

Working prototypes of 10 new products building 4KUHD production chains

Wireless camera head chain used for the production of the 2018 FIFA World Cup



4KREPROSYS: up and downs



Objectives and technical solutions identified 4 years ago still valid and now state of the art



Direct jump to «market» of prototypes (2018 FIFA World CUP!!)



Full SW programmable platforms for MPEG HEVC coding and digital modulation: still not sufficiently powerful to support all elements of the chain (SoC technologies still needed ...)



Why CELTIC?

Ideal set-up to reach «critical mass» of:

Partners: market needs, technologies, research

Fundings: industry and research/academics

New market opportunities: joining partners products

Excellent framework providing flexibility for:

addition of new partners

change of work program and adaptation to new tech/market conditions

