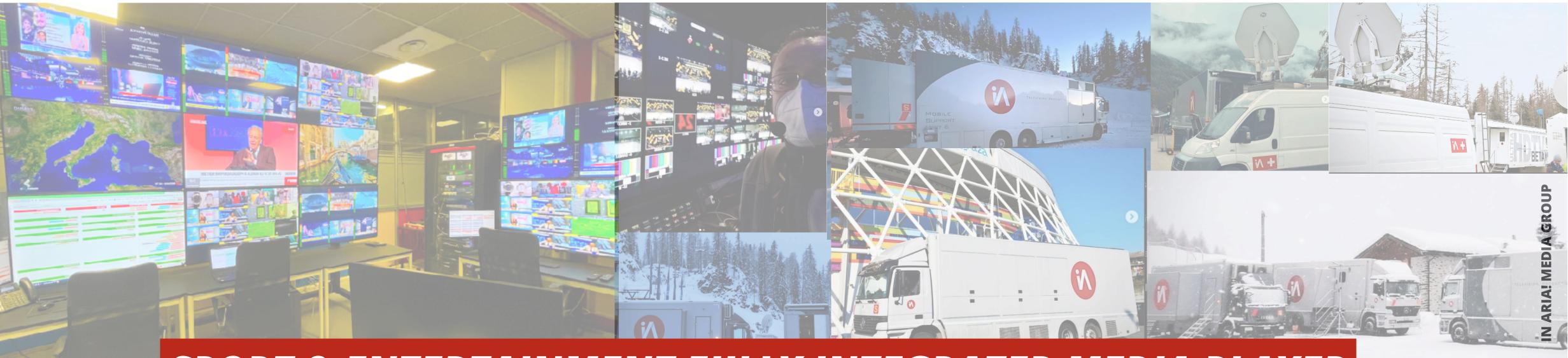




## **IN ARIA! GROUP AT A GLANCE MEDIA PRODUCTION, TV & STREAMING DISTRIBUTION, VIDEO NETWORKING SERVICES**

IN ARIA



## SPORT & ENTERTAINMENT FULLY INTEGRATED MEDIA PLAYER









## IN ARIA! BROADCASTS PRODUCTIONS OF MAJOR SPORTING, MUSICAL AND TV EVENTS, AT NATIONAL AND INTERNATIONAL LEVEL. THANKS TO ITS TECHNOLOGY AND RELIABLE COMMERCIAL STRUCTURE, THE GROUP MANAGES TO COVER ANY TYPE OF EVENT **ALWAYS OFFERING A HIGH LEVEL OF PRODUCTION.**



## IN ARIA! GROUP 2023 PRODUCTS & SERVICES **INNOVATIVE REVENUE MIX OF SPORT & ENTERTAINMENT MEDIA PRODUCTION AND TECH MEDIA SERVICES**

**Ottvideo**OS

LIVE

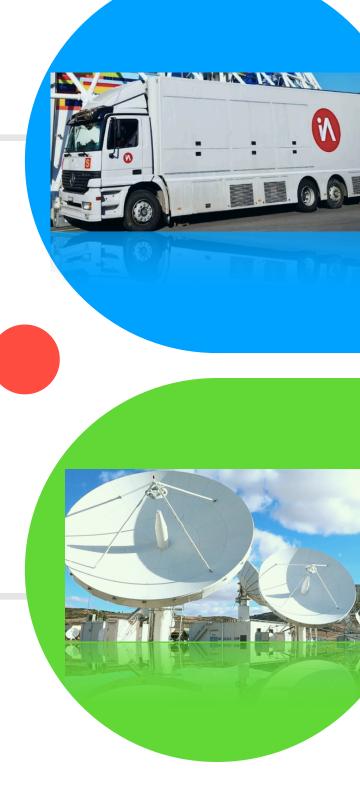
## **SPORT TV PRODUCTION**

State of the art Host Broadcaster grade fleet of **OB** Vans and Flycase **Production Units** 

Strong Integration between production, remote production and signal distribution

**Contribution**, Distribution, **Playout and Digital** Tunraround on major satellite broadcast platforms

## **SATELLITE TV DISTRIBUTION**



### **TECHNICAL MEDIA SERVICES**

**Broadcast and Telco grade** Video over IP Media & **Networking Services for** large media, entertainment and sport organizations

A Milan Based Master Control Room that acs as a conjunction point for all the group operations

> Multichannel, Multi Platform fully integrated OTT Distribution platform to Smart TVs , Mobile and Web

### **STREAMING & SMART TV DISTRIBUTION**





## **IN ARIA! GROUP AT A GLANCE MEDIA SERVICES, SOLUTIONS & PRODUCTS TABLE AT A GLANCE**

## **SPORT & ENTERTAINMENT FULLY INTEGRATED MEDIA PLAYER**

COVERAGE / OB TRUCKS / MANAGED VIDEO NETWORKS / OTT LIVE AND ON DEMAND STREAMING PLATFORMS / PROFESSIONAL VIDEO CONTRIBUTION OVER IP / DSNGS PRODUCTIONS AND TRUCKS / FLYPACKS AND MOBILE PACK UNITS SOLUTIONS/ **BROADCAST PROFESSIONAL SERVICES** MEDIA EQUIPMENT RENTAL/ EQUIPMENT RENTAL, SALES AND SYSTEM INTEGRATION / VIDEO NETWORKING SYSTEM INTEGRATIONS / **PRODUCTION CENTERS & STUDIOS** 

- CONTENT PRODUCTION AND LIVE SPORTS AND ENTERTAINMENT
- SATELLITE VIDEO DISTRIBUTION / REMOTE PRODUCTIONS /
- PLAYOUT AND VIDEO ON DEMAND PROFESSIONAL SERVICES /
- SPECIALITY CAMERAS, RADIO CAMERAS / DRONE LIVE FILMING /



TV+ AND ALL MAJOR OTT PLATFORMS







## **IN ARIA! GROUP TAILOR MADE OUTDOOR UNITS FOR SPORT TV PRODUCTION** LATEST GENERATION FULLY UPDATED HD PROGRESSIVE MOBILE UNITS FOR WINTER SPORTS AND MAJOR INDOOR / OUTDOOR HOST BROADCASTER EVENTS

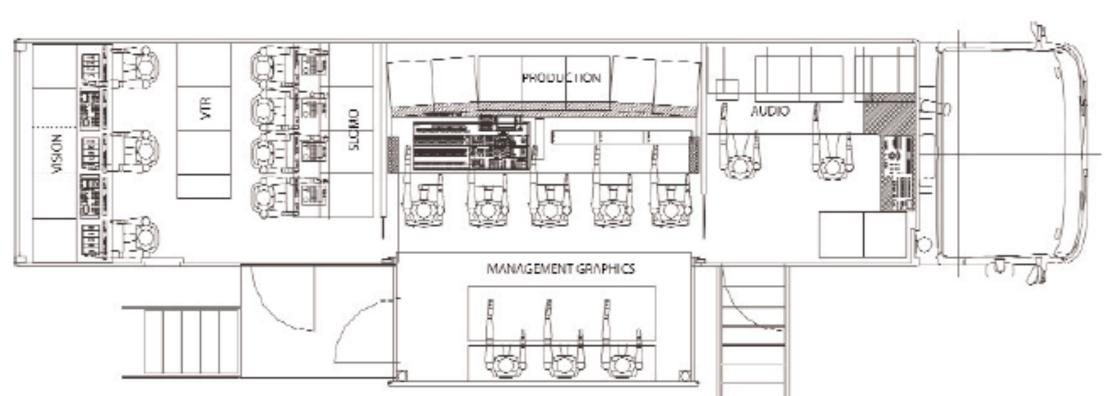




#### IN ARIA! GROUP TAILOR MADE OUTDOOR UNITS FOR SPORT TV PRODUCTION Full HD Mobile Production Units OUR TYPICAL MOBILE PRODUCTION UNITS LAYOUT



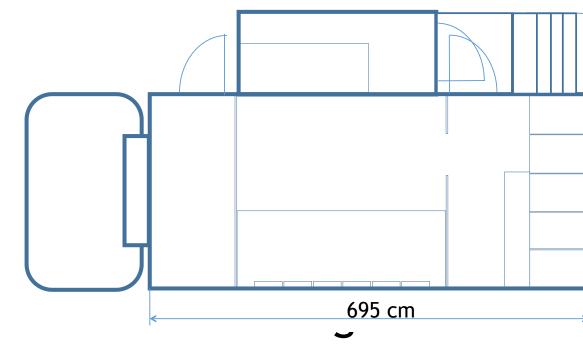




#### Mercedes Actros 1835 Dim. 12x4x4 mt.



#### Electrical system compliant all FFC certified - LIPS on hoard









## IN ARIA!, THE MASTER CONTROL ROOM IN MILAN A PRIVATE CLOUD BASED, IP CENTRIC MASTER CONTROL ROOM FOR GLOBAL IP AND FIBER DELIVERY, **VIDEO PROCESSING, PLAYOUT, MOBILE CONTRIBUTIONS AND OUTDOOR UNITS SUPPORT**



## COLOCATED IN: EISTOWERS









## **IN ARIA! TIMELINE & MILESTONES** FAST EVOLUTION FROM A NETWORK VIDEO PLAYER TO A FULL SERVICE MEDIA SERVICES PROVIDER



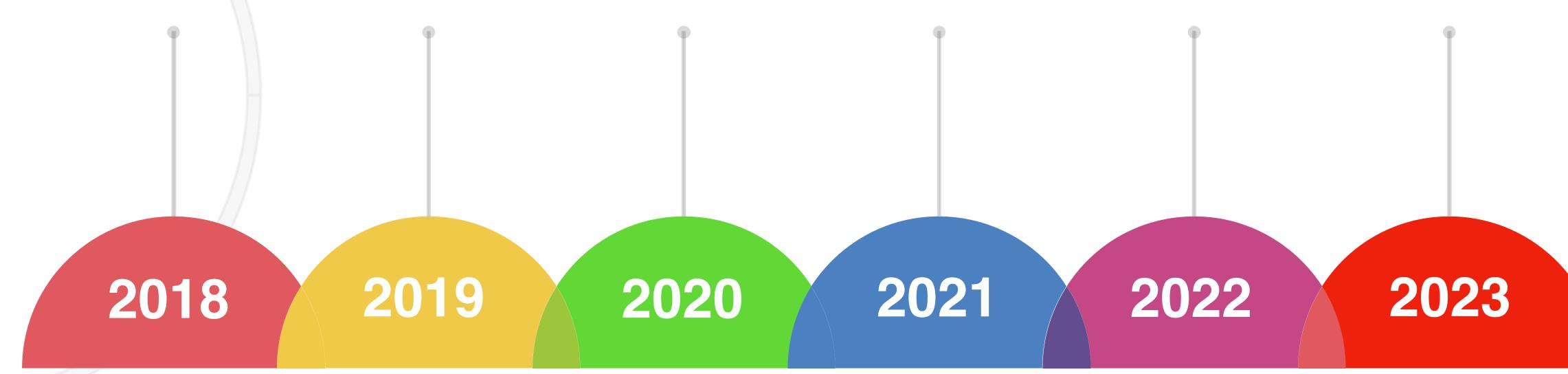
Key Pioneer in IP Broadcast Video Networking Platform



Peak Revenues for Video IP plus Satellite Distribution **Gen1** Solution



Establishment of the CH Sport & Entertainment Media Production Division





Build Up and Launch of the Milan Master Control Room



Launch of Premio Live **OTT Distribution Platform** 



Establishment of the GEIE and GE Consortiums for large scale Italy First Smart TV Centric International Media Events Production









## IN ARIA! GROUP 2020 - 2023 BUSINESS MODEL DEVELOPMENT **MEDIA PRODUCTION, TV & STREAMING DISTRIBUTION, VIDEO NETWORKING SERVICES**

## SPORT & ENTERTAINMENT FULLY INTEGRATED MEDIA PLAYER





GROUP IN ARIA! MEDIA



## IN ARIA! GROUP KEY CUSTOMERS & REVENUES PARTNERS EXAMPLES **MEDIA PRODUCTION, TV & STREAMING DISTRIBUTION, VIDEO NETWORKING SERVICES**



# ENG INTON ENTOWERS











## **IN ARIA! GROUP KEY CUSTOMERS & REVENUES PARTNERS EXAMPLES MEDIA PRODUCTION, TV & STREAMING DISTRIBUTION, VIDEO NETWORKING SERVICES**

























## IN ARIA! GROUP 2024 - 2027 BUSINESS MODEL DEVELOPMENT **MEDIA PRODUCTION, TV & STREAMING DISTRIBUTION, FULLY INTEGRATED MEDIA PLAYER**

## **SPORT & ENTERTAINMENT** FULLY INTEGRATED MEDIA PLAYER





**MEDIA GROUP** IN ARIA! I

## SPORT & MEDIA

TV ENTERTAINMENT

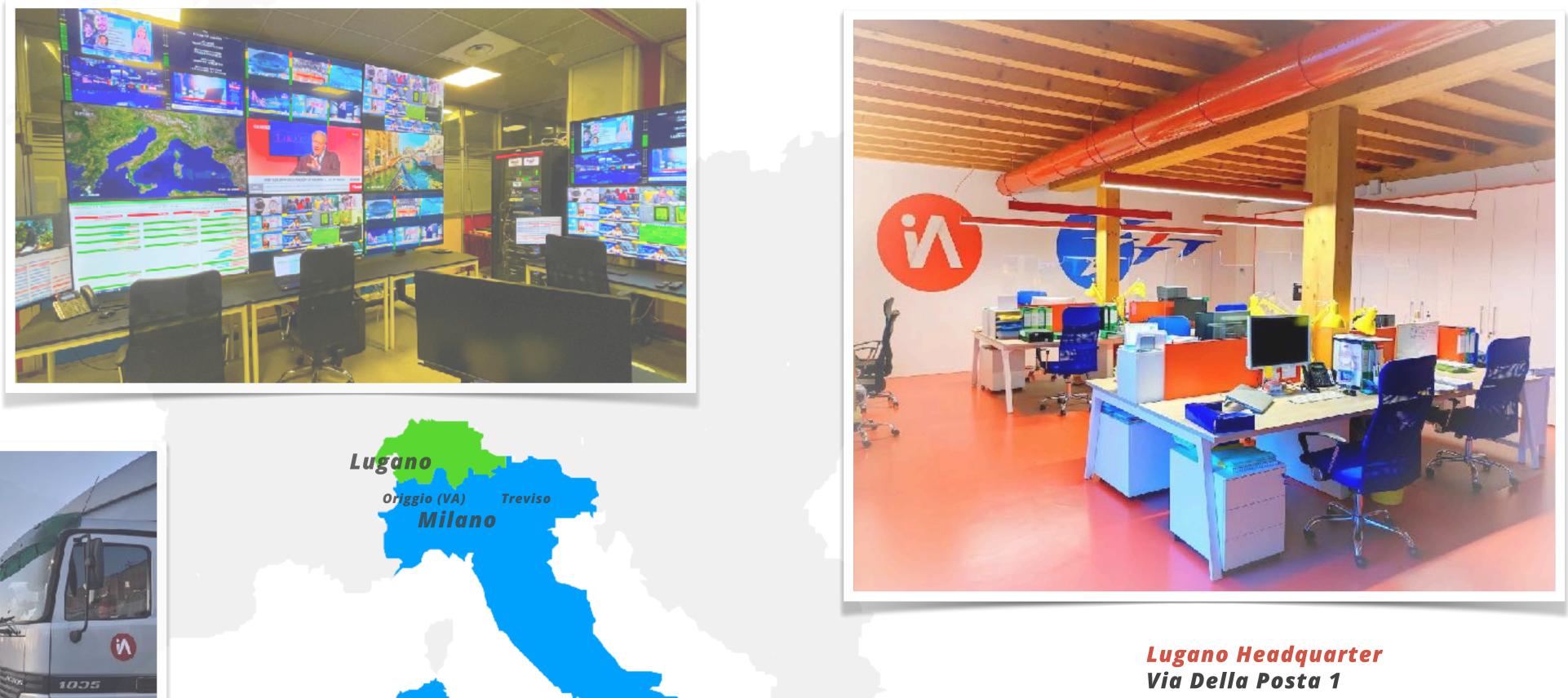
## OTT TECHNOLOGIES

## BROADCAST TV





## **IN ARIA! GROUP 2023 OFFICE LOCATIONS BOOKING & PERSONNEL, OPERATIONS, MCR AND ADMINS**







Milano Via Deruta 20

Origgio (VA) Via Saronnino 1

**Treviso** (Valdobbiadene) Via Capitello Ferrari 3b

# IN ARIA! MEDIA GROUP

# MANAGED PTMP VIDEO OVER IP NETWORKS ON PUBLIC IP TRANSIT





## LARGE SCALE MULTI PROTOCOL IP VIDEO NETWORKING PRIVATE CLOUD **POWERED BY IN ARIA! MASTER CONTROL ROOM 16 KEY VIDEO OVER IP WAN PROTOCOLS SUPPORTED**

















## **OttvideoOS**









## **BORN FOR PERMANENT PTMP VIDEO CONTRIBUTION OVER PUBLIC IP TRANSIT NETWORKS**

## IN ARIA! NEBULA GATEWAYS **5TH GENERATION, TRIPLE PROTECTION, CLOUD MANAGED LOW LATENCY POINT** TO MULTIPOINT SDI GLOBAL TRANSPORT OVER ANY IP (L2, L3, WIRED, WIRELESS)







# EUROSPORT ORF 2DF ARDI Ceutelsat K TELESPAZIO



## IN ARIA! NEBULA GATEWAYS POWERED BY OTTVIDEO OS INSTALLED AND IN USE BY GLOBAL HEADENDS



















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## **QUAD AND OCTO SDI INPUTS AND OUTPUTS, MPEGTS, SRT I/OS**

## IN ARIA! NEBULA SDI V **5TH GENERATION, TRIPLE PROTECTION, CLOUD MANAGED LOW LATENCY POINT TO** MULTIPOINT SDI GLOBAL TRANSPORT OVER ANY IP (L2, L3, WIRED, WIRELESS)











## **REMOTE AND ON PREMISE SOFTWARE UPGRADEABLE** FULLY MONITORED AND MANAGED FROM THE CLOUD

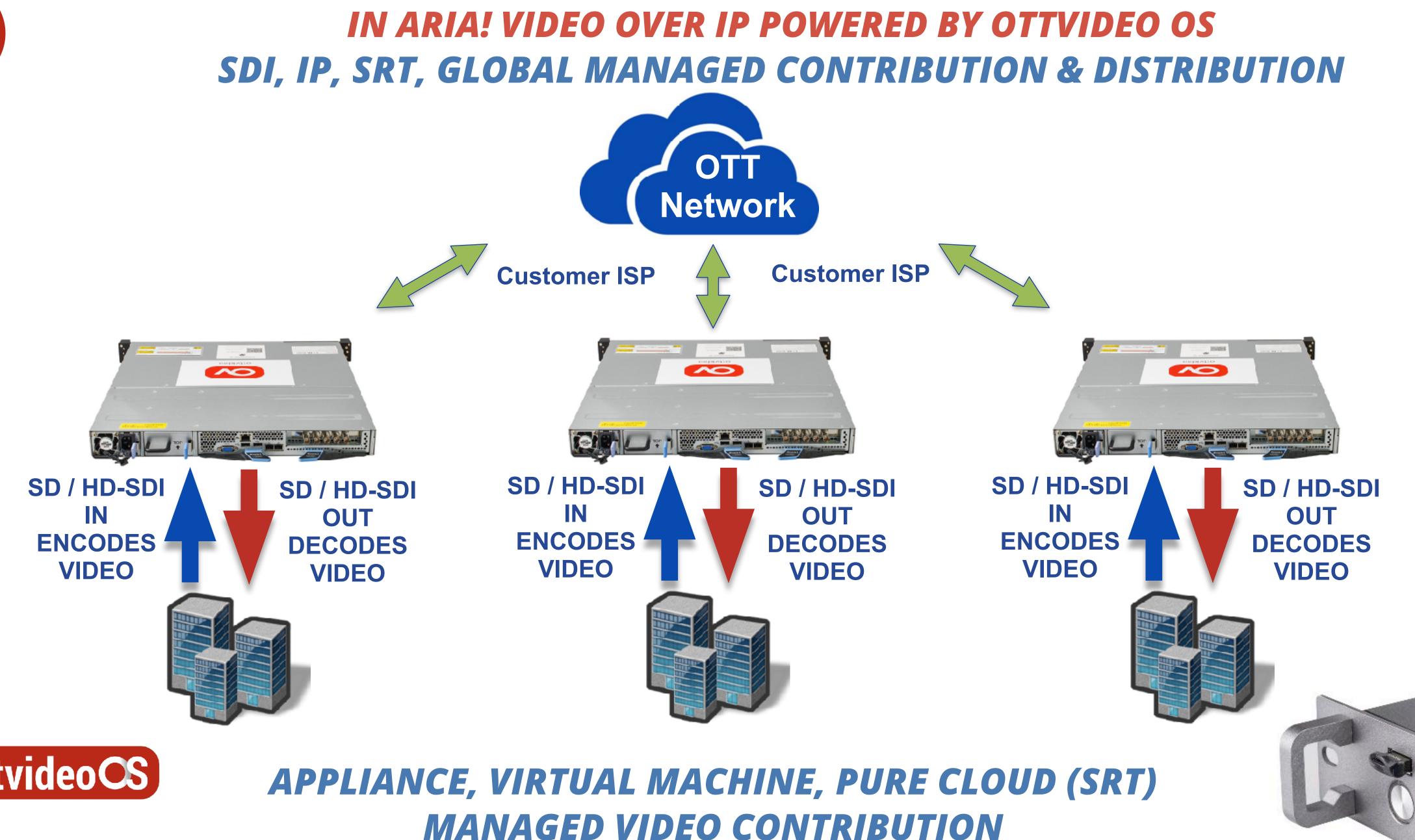
## IN ARIA! NEBULA SDI V **5TH GENERATION, TRIPLE PROTECTION, CLOUD MANAGED LOW LATENCY POINT TO** MULTIPOINT SDI GLOBAL TRANSPORT OVER ANY IP (L2, L3, WIRED, WIRELESS)











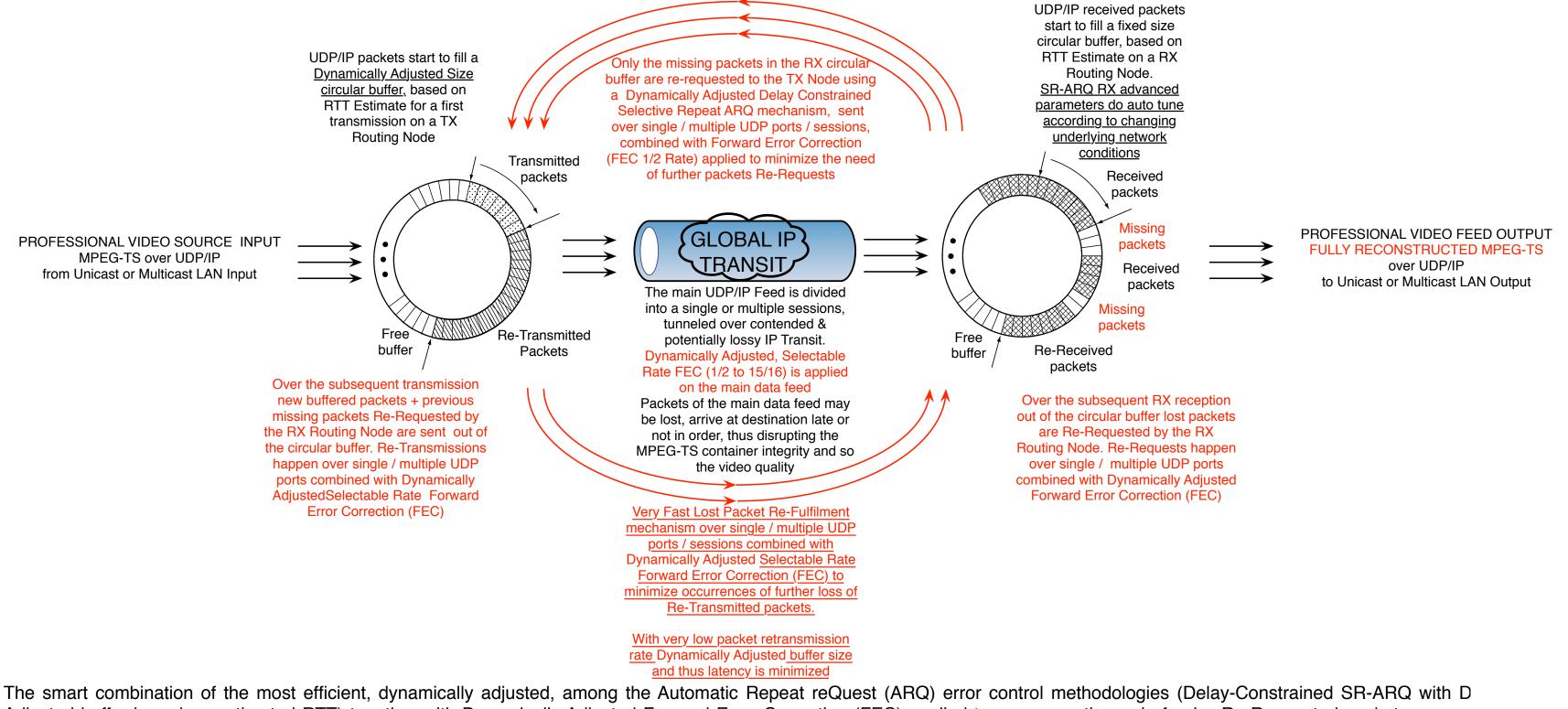






## PATENTED "STRONGER THAN SRT" PROTOCOL FOR PERMANENT FEEDS

OTTVIDEO v.8 PROFESSIONAL VIDEO FEED LOSSLESS TRANSPORT PROTOCOL MPEG-TS over UDP/IP tunneled over single / multi session Dynamically Adjusted Delay-Constrained SR-ARQ combined with Dynamically Adjusted "two way" FEC over the Main Feed and on the Re-Requested Packets, multi path routed over a proprietary overlaid network of "reflectors" (proxies)



Adjusted buffer based on estimated RTT) together with Dynamically Adjusted Forward Error Correction (FEC) applied two ways on the main feed + Re-Requested packets ensure efficient video feed reconstruction mechanism with both with very low overhead (SR-ARQ + Selectable Rate FEC over UDP/IP on the main data feed) and very low latency (FEC used minimize occurrences of additional loss of Re-Requested and Re-Transmitted packets, avoiding additional Re-Requests and Re-Transmissions that would increase the buffer an latency). The Ottvideo v.8 protocol can work over single session / single UDP port or multiple sessions / ports and is strong encrypted with AES 256 to ensure additional video conte while the protocol is given multi path capabilities by relaying the feed over a proprietary overlaid network of "reflector" (proxies) routers.

## **USED IN CONJUNCTION WITH OPEN STANDARDS VIDEO OVER IP PROTOCOLS**







## **IN ARIA! CLOUD AND EITOWERS** THE VIDEO OVER IP MASTER CONTROL ROOM AND MONITORING DASHBOARD

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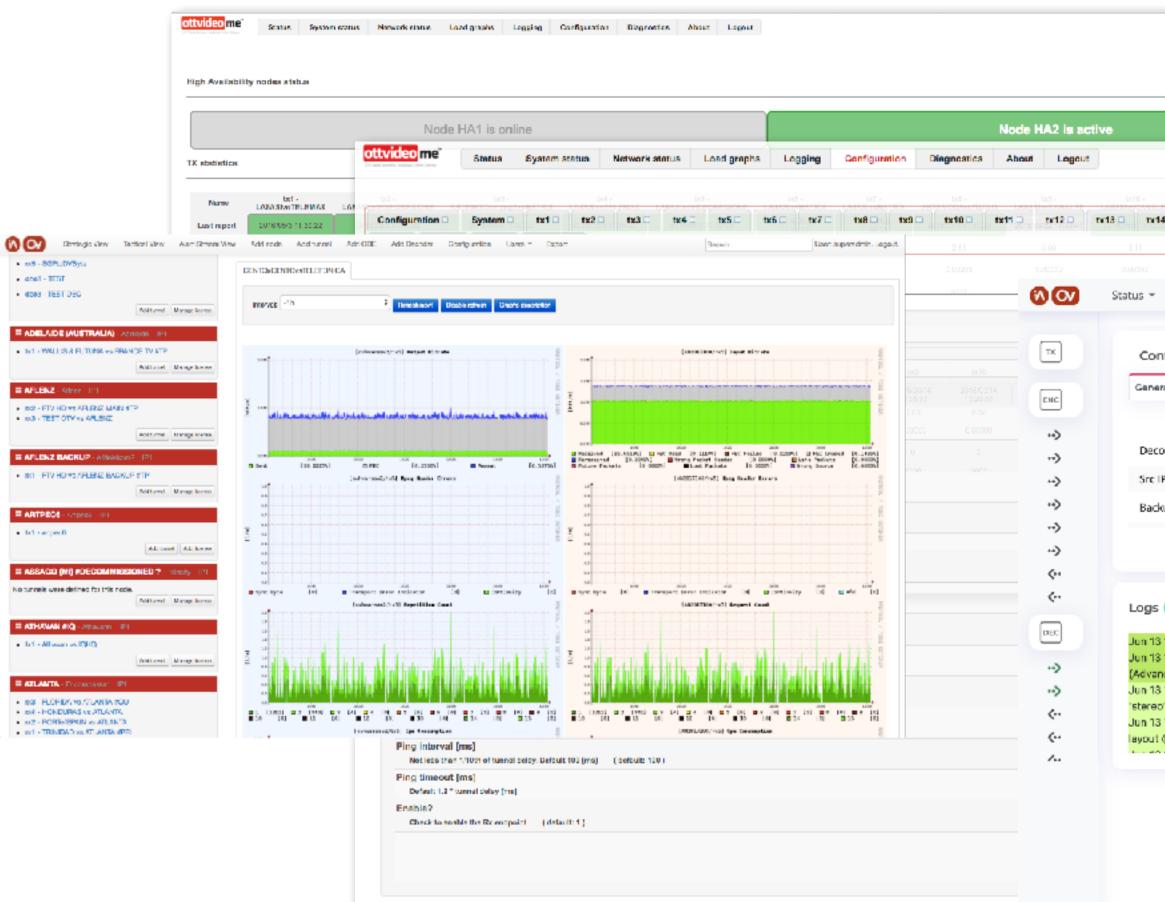
FEEDS







## IN ARIA! OTTVIDEO OS MANAGED NETWORKS FULLY MONITORED AND MANAGED 24/7 FROM THE CLOUD





## DECENTRALIZED MONITORING, ROUTING AND MANAGEMENT IN USE BY GLOBAL MCRS

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## THE ITALIAN LEADING OTT, DTT-IP PLATFORM TO DELIVER LIVE AND ON DEMAND CONTENT TO ALL SMART TVS AND MOBILES USING 26 DEDICATED NATIONAL CHANNELS









#### **ALSO AVAILABLE ON:**

# THANK YOU! NEXT GEN BROADCAST MEDIA & OTT SOLUTIONS

