



There is a place where creativity and innovation  
change the boundaries of entertainment.



## DIGITAL LIGHTHOUSE

It is an Entertainment & Media House specialising in audio-visual products, digital visual effects, virtual reconstructions, graphic animations and software/mobile applications for the Cultural and Creative Industry. Created to become a reference point at international level in the fields of Cinema, TV, Broadcasting, Video Production, Virtual Reality, Digital Heritage, Music, Games & Apps, Digital Lighthouse is the place where creative inspiration meets technological innovation, thanks to the talent of a number of professionals who create new solutions aimed at informing, entertaining and thrilling the audience.

Digital Lighthouse is located in a modern structure composed of its own sound stages, equipped with the most modern technologies available in the market and of spaces and laboratories for activities such as video-

editing, color-correction, recording, sound-editing, mixing and mastering, computer graphics and development of multimedia products.

The company's main strength is the mix of different specialist competencies.

Designers, 3D & digital artists, programmers, engineers, experts in cultural heritage, technicians and operators develop products and solutions of highly creative content, using cutting-edge tools and innovative working methods.

Digital Lighthouse is the result of a research and development project in the field of 3D computer graphics, promoted in 2013 by Geocart S.p.A., a ground-breaking engineering company dealing with terrestrial and aerial remote sensing, aerospace technologies, ICT and multidisciplinary planning.



THE HOUSE OF  
ENTERTAINMENT & MEDIA

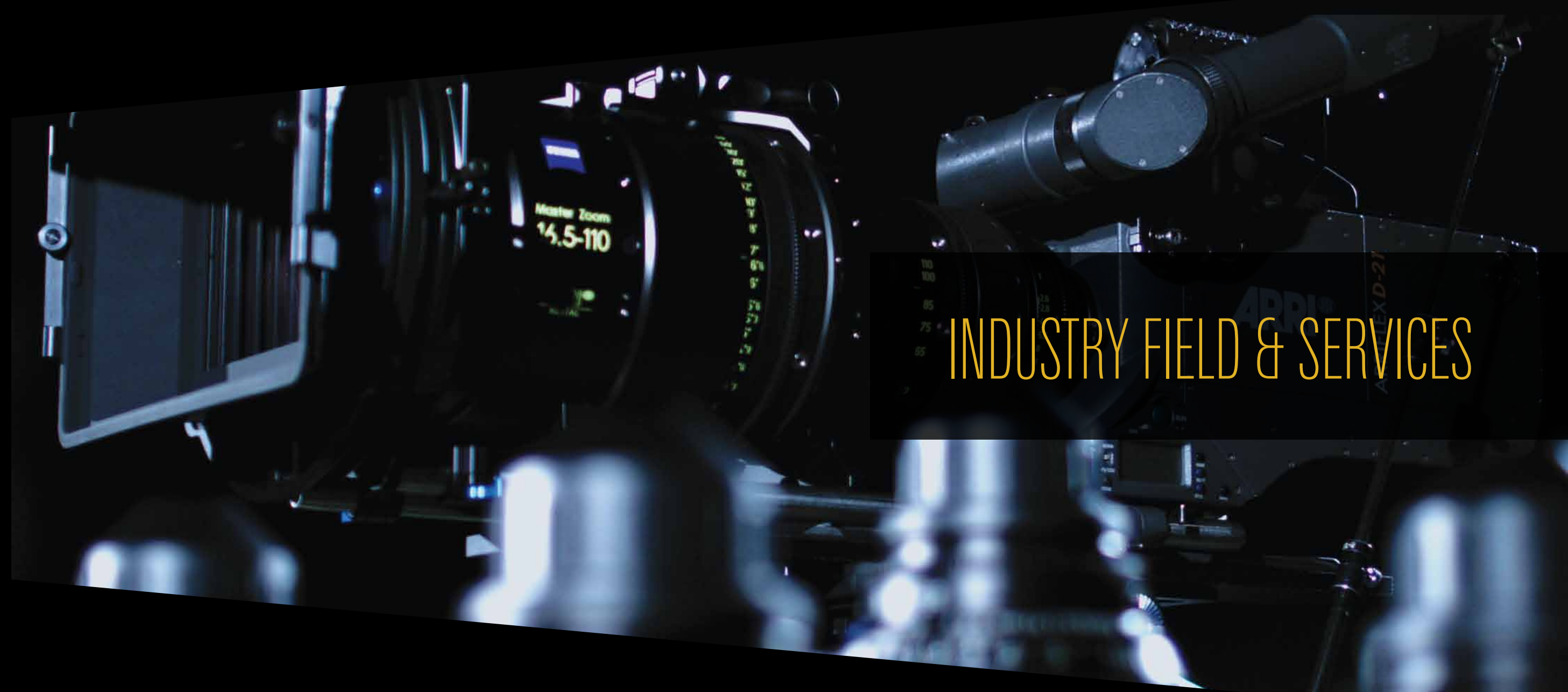
## CINEMA & VISUAL EFFECTS

Digital Lighthouse is the one-stop company supplying products for the cinema. In the Studios provided with sound stages equipped with cutting-edge tools and modern departments for production activities, the company oversees the whole production cycle, till the delivery of the product ready to be distributed in the movie theatres.

Thanks to the innovative technologies used and to the enhancement of the digital production processes, the company is specialized in the reconstruction of virtual sets and in the creation of next generation visual effects.

- Sound stages
- Pre-Production
- Production
- Post-Production
- Visual Effects & Computer Graphics
- Rental Service

## INDUSTRY FIELD & SERVICES



## TV, BROADCASTING & VIDEO PRODUCTION

Thanks to continuous experimentation on technologies and languages and through partnerships with international players, Digital Lighthouse is a forward-looking audio-visual producer. It deals with Broadcast services, TV productions, technical-scientific and institutional videos for company and public agencies. Aware of reality and in line with the client's strategies and international standards.

- Documentaries
- TV series
- Fiction
- Format TV
- Commercials
- Institutional Videos
- Video clips
- Live TV



## DIGITAL HERITAGE

The solutions developed by Digital Lighthouse propose a model of enhancement of the cultural heritage which can provide the client or the audience with innovative tools and modes to rediscover the historical and artistic heritage. By combining the modern technologies of gamification and entertainment, it offers amazing and engaging immersive experiences.

Furthermore, the services offered can provide the technical data with which it is possible to reconstruct, through accurate 3D models, the conditions of the works to plan preservation, restoration and energy-saving interventions.

- 3D Virtual Reality
- Immersive Experiences
- Augmented Reality
- Exhibit design
- Multimedia Museums
- Digital Tourism
- Video Mapping
- Lidar and Photogrammetric surveys



## 3D VIRTUAL REALITY & MULTIMEDIA

Thanks to its continuous search for new technologies and data processing modes, Digital Lighthouse has become an international reference point for activities such as virtual reconstruction, computer graphics and IT development. The company has adopted a new approach based on the use of the most advanced techniques of 3D simulation and combining creative and technical spheres in order to create unique and appealing products for the fields of cinema, cultural heritage and for the whole entertainment industry.

- Virtual Simulations
- 3D Reconstructions
- Computer Graphics and VFX
- Video Mapping
- Visual & Interactive design
- Multimedia platforms & Web design
- Lidar and Photogrammetric surveys

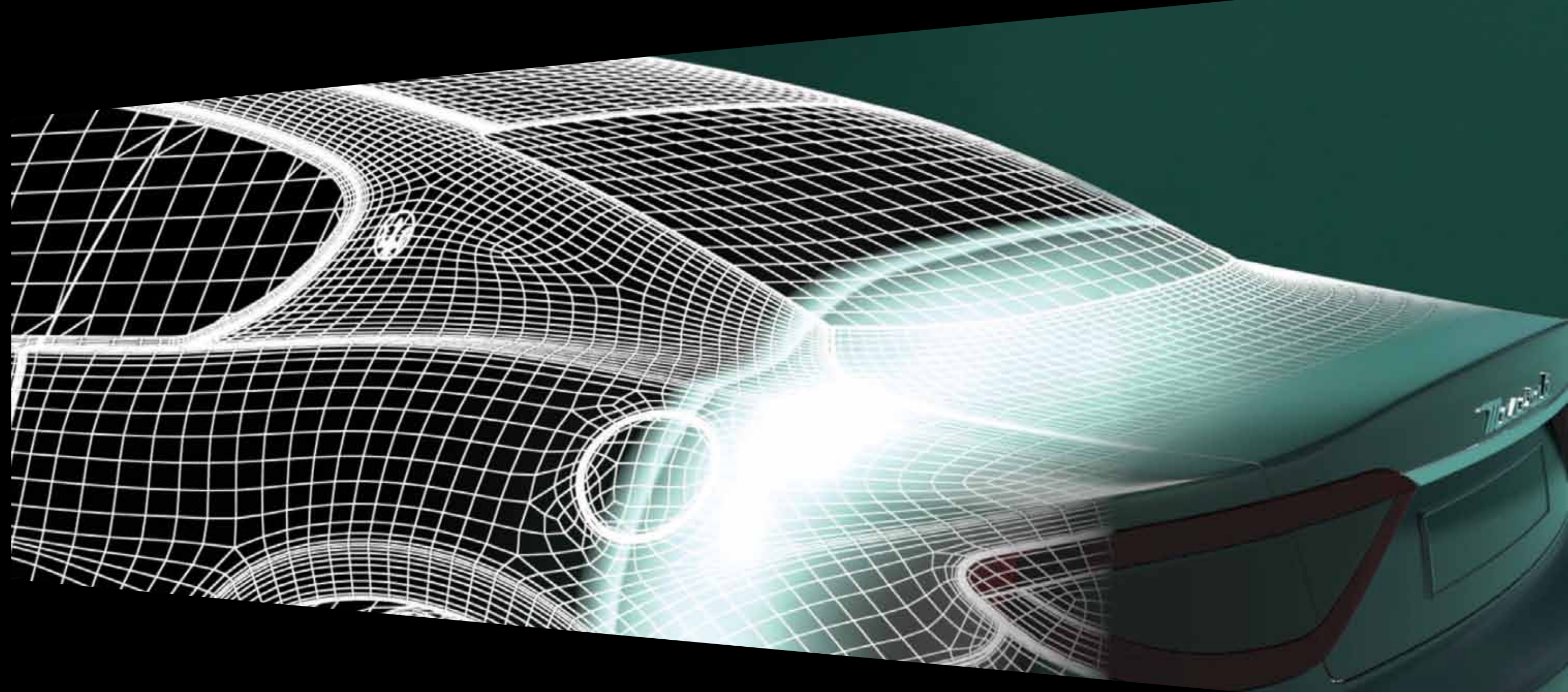


## GAMES & APPS

Faithful virtual reconstructions, interactive simulations, experiences of immersive and augmented reality, software and mobile applications. These solutions are the result of a continuous search for innovative products and services based on a new way of conceiving gaming.

By exploiting the data coming from state-of-the-art sensors and technologies in remote sensing, Digital Lighthouse pursues the continuous enhancement of the existing 3D reconstruction and modelling techniques and constantly develops new ones.

- Virtual Sets
- Immersive Virtual Reality
- Augmented Reality
- Mobile and Software Applications
- Games





## MUSIC

Digital Lighthouse sets out to be a meeting point between the big international musical traditions and the new development and production trends, through a breakthrough infrastructure and the use of next generation technologies.

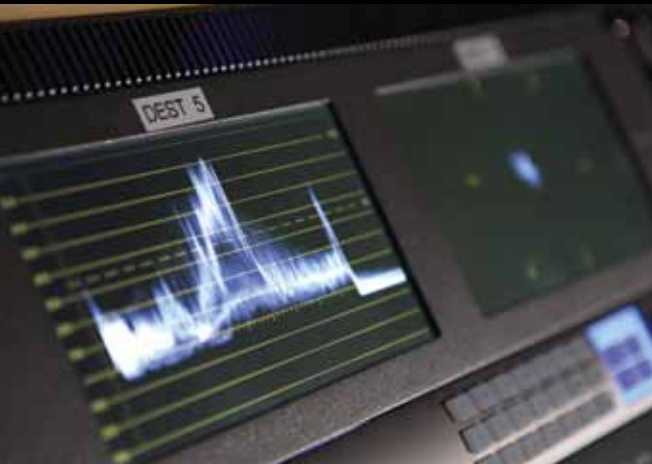
In specifically designed spaces, sound recording mixing and editing services are completed with a targeted supervising activity carried out by the artists and with the management of the processes for musical and audio-visual productions for the most diverse market applications.

- Recording & Mixing
- Mastering
- Video clip
- Live Events & Visual





THE STUDIOS



## APPLE WORKSTATION

- 02 Mac Pro 12-core 2,7 GHz 64 GB ram FCPX
- 01 Mac Pro 8-core 64 GB ram FCP Studio
- 02 Sonnet xMac Pro Server
- 01 iMac 5K 32 GB ram
- 02 RAID PROMISE Pegasus2 R8 da 32TB
- 06 Apple Thunderbolt Display 27"

## MONITORING

- 01 TV-Logic LVM-245W
- 01 TV-Logic LVM-246W
- 02 Panasonic 4K 50"
- 02 Panasonic Full HD 3D 50"
- 05 Monitor SmartView 4K
- 04 Mini Converter – SDI to HDMI 4K
- 02 Blackmagic SmartView Duo
- 03 Blackmagic SmartScope Duo 4K

## COLOR CORRECTION

- Consolle Color DaVinci/Resolve 12 Full

## AJA INTERFACES

- 01 Aja IO HD
- 02 Aja Pak Dock

## BLACKMAGIC INTERFACES

- 02 MultiView 16
- 01 Smart Videohub 40x40
- 01 Smart Videohub 20x20
- 01 Teranex Express
- 01 Teranex 3D Processor
- 03 UltraStudio2 4K
- 02 Multi Dock 2

- 02 HyperDeck Studio Pro 2
- 01 OpenGear 20 Slot Frame
- 03 OpenGear Converter – SDI Distribution
- 02 Converter – Audio to SDI

## AUDIO

- Avid C24 HDX Pro Tools Studio System
- 01 Mac Pro 12 core 2,7 GHz 32 GB ram
- 01 Sonnet xMac Pro Server
- 01 Genelec 8320A Stereo Bundle GLM2.0+Remote
- 01 Genelec 8330A Stereo Bundle GLM2.0+Remote
- Bundle 5.1 Genelec Compact SAM:
  - 01 Genelec 8330A Stereo Bundle Pack
  - 01 Genelec 8330A
  - 01 Genelec 7350A Subwoofer

# POST PRODUCTION & COLOR CORRECTION



## DIGITAL CINE CAMERAS

- 02 Arri D21 + Odissey 7Q+ recorder
- 02 AJA CION 4K camcorder
- 02 Blackmagic 4K camcorder
- 01 Arri Alexa Plus PL + Gemini Arriraw
- 01 Red Epic PL Mount
- 02 Canon EOS 5DS R
- 01 Sony a7sii

## BROADCAST CAMCORDER

- 02 Sony PDW 700 (full standard capability)
- 03 Sony HDW 730 HD Cam
- 02 Sony HDW 750 HD Cam
- 02 Panasonic HDX 900 Varicam
- 04 Panasonic HPX 500

Follow focus, Matte box Chrosziel and filters for all camera kits

## CINE STYLE LENSES

- Zeiss Master zoom 16,5 – 110 PL mount
- Cooke 20 – 100
- Zeiss CP 2 PL mount full series:
  - 01 Ottica Zeiss Compact Prime 15mm T:2.9
  - 01 Ottica Zeiss Compact Prime 25mm T:2.1
  - 01 Ottica Zeiss Compact Prime 35mm T:2.1
  - 01 Ottica Zeiss Compact Prime 50mm T:2.1
  - 01 Ottica Zeiss Compact Prime 85mm T:2.1
  - 01 Ottica Zeiss Compact Prime 100mm T:2.1
  - 01 Ottica Zeiss Compact Prime 135mm T:2.1
- 01 Zeiss Sonnar 300/f 4 + doubler B4 mount
- 01 Zeiss Flektogon 50/f 4
- 01 Zeiss Biometar 80/f 2,8
- 01 Zeiss Sonnar 180/f 2,8
- 01 Canon FD 300 f 2,8
- 01 Canon FD 150 P 600 f 5,6
- 01 Canon 24/70mm F:2.8
- 01 Canon 100/400mm F:4.5
- 01 Samyang 14mm T:3.1
- 01 Samyang 24mm T:1.5

- 01 Samyang 35mm T:1.5
- 01 Samyang 85mm T:1.5
- 01 Samyang 135mm T:2.2

Ottiche Lens Baby:

- 01 Lens Baby Macro Converter
- 01 Lens Baby Double Glass Optic
- 01 Lens Baby Edge 80 Optic
- 01 Lens Baby Composer Pro
- 01 Lens Baby Single Glass Optic
- 01 Lens Baby Plastic Optic
- 01 Lens Baby 0,42x Super Wide Angle
- 01 Lens Baby Pinhole/Zone Plate
- 01 Metabones Cine PL to E-Mount
- 01 Metabones Cine EF to E-Mount
- 01 Metabones Cine EF to PL

## BROADCAST LENSES

- 03 Canon HJ 17 x 7,6 birs
- 02 Canon HJ 16 x 7,7 birs
- 02 Canon HJ 21 x 7,5 birs
- 02 Fujinon HA 18 x 7,6 berm
- 02 Fujinon HA 14 x 4,5 berm

# EQUIPMENT



- 01 Canon J 20 x 8 birs
- 01 Canon J 14 x 8,5 birs
- 01 Canon J 18 x 9 birs
- 01 Canon J 12 x 6,5 birs
- 01 Fujinon A 10 x 4,8 berm
- Special lens accessories:
  - 01 Rain deflectors Spintec (motorized lens)
  - 01 Canon 2 x extender
- 01 DJI Remote Focus
- Tele lens:
  - Additional + 1 + 2 lens
- Follow focus accessories:
  - Fluid zoom damper
  - Long lens support
  - Edge base plate (Cheese plate)
- Remote:
  - Canon zoom and focus remote
  - Fuji zoom and focus remote

Matte box Chrosziel and filters for all camera kits

## GRIP EQUIPMENT

- Sachtler:
  - 02 video 25
  - 03 video 20
  - 05 video 18
  - 02 video 14
- Cartoni:
  - 02 Master MK2
  - 02 Gamma
  - 02 Focus 18
- 02 bazooka series
- 02 star base
- 02 basket 150 mm
- 02 basket 100 mm
- 02 hi hat 150/100 mm
- Minijib Cartoni
- 01 Ronin Movie Cam fullkit
- Dolly:
  - 01 Go kart dolly
  - 01 Hague dolly
  - 20 mt straight track

- 01 Full circle track diam. 4,5 mt.
- 01 Spider dolly 12 mt/12 mt straight track
- Butterfly:
  - Butterfly frame 6 x 6 mt
  - Butterfly frame 4 x 4 mt
- Grips:
  - 30 magic arms
  - 50 crocodile clamps
  - 10 Wind up stands
  - 10 heavy stands
  - 30 small stands
  - 30 flag arms
  - 04 Apple box series
  - 50 Pan cake
  - 40 Sand bags

## LIGHTING EQUIPMENT

- 06 HMI 1200 fresnel
- 06 HMI 575 fresnel
- 10 2K fresnel
- 10 1K fresnel

- 10 650w fresnel
- 10 150w fresnel
- 06 Kino flo 120 x 4 (daylight and tungsten bulbs)
- 06 Kino flo 60 x 4 (daylight and tungsten bulbs)
- 08 2kw Space light

## PORTABLE LIGHT KITS

- 10 HMI 200w open face
- 05 650w fresnel
- 05 300w fresnel
- 06 150w fresnel
- 03 Dedolight
- 04 1 x 1 light panel

## AUDIO ON LOCATION EQUIPMENT

- 04 SQN 4s audio mixer
- 02 SQN 2s audio mixer
- 02 Sound Device 552 audio mixer recorder
- 10 Lectrosonics UHF radio mike
- 10 Sennheiser UHF radio mike
- 08 Sennheiser MKH 416 + Rycote + boom



- 02 Audio Technica stereo mike
- 01 Sanken stereo mike
- 01 Mix-8 superficie di controllo esterna per Fusion
- 01 Zaxcom Control Panel 8 canali per registratore Nomad
- 02 Zaxcom Trasmettitore portatile wireless - (ECRA1001)
- 02 Zaxcom Ricevitore portatile ENG a banda ampia
- 01 Zaxcom Microfono a fucile (incluso supporto SG 20 e antivento W 140) - (ECR A1002)
- 01 Zaxcom Registratore a 10 tracce, 16 mix bus totali, 6 mix bus d'uscita, 8 AES input, 6 AES output, ZaxNet, Automixer a 6 tracce (ECR A1003)

## MONITORING

- 01 TV Logic 24" LVM - 245W
- 01 TV Logic 24" LVM - 246W
- 06 Blackmagic 17" 4K

- 06 Blackmagic 8" duo 4K
- 02 JVC 17" full HD
- 02 JVC 9" HD
- 02 Panasonic 8" HD
- 01 Neway CK700HO 7" HD
- 02 Alphascope EVF-035 W-3G
- 02 F&V Spectra HD 4

## D.I.T.

- 01 IMac 27" Retina 5k Intel Core i7 quad-core a 4,0GHz, 32GB di SDRAM DDR3
- 02 RAID PROMISE Pegasus2 R8 - 32TB (8 x 4TB) Thunderbolt 2
- 01 DaVinci Resolve 12 + Full Console Interface

## BLACKMAGIC INTERFACES

- 02 Blackmagic MultiView 16
- 03 SmartScope Duo 4K
- 01 Teranex 3D Processor
- 01 Smart Videohub 40x40

- 01 Smart Videohub 20x20
- 03 UltraStudio 4K 2
- 01 HyperDeck Studio Pro 2
- 01 Blackmagic MultiDock 2

## MULTI CAMERA UNIT

- PORTABLE MULTI CAMERA UNIT up to 4 cameras:
  - Vision mixer Panasonic HMX 100 HD/SD sdi
  - Intercom system Tecpro + radio talkback
  - LCD preview and PGM monitor
  - Recorder Atomos Samurai
  - HDW 1500/HD DVC pro 1200
  - HD/SD video distribution unit
  - Walkie talkie system base station + 06 portable units
  - Telephone hibryd Studer two channel
  - IFB personal amplifier
  - Audio mixer Soundcraft 12/4/2
  - Teleprompter system
  - Optical fiber 4 way 500 mt

- P2 card HD recorder
- CF card HD recorder
- SSD HD recorder
- HD recorder Panasonic HD 1200
- DVC pro 100 recorder
- 5 x Mac Pro lap top for acquisition and on field editing
- Multiformat player Sony J 30
- LIVEU FACILITIES:
  - 01 LiveU LU70 HD back pack
  - 02 LiveU LU 500 HD back pack
  - KA satellite service on the field
- AUDIO STAGE FACILITIES:
  - Audio mixer AMEK BB100
  - Equalizer and audio effects rack
  - Audio distribution rack
  - DVD and CD player rack
  - Audio amplifiers rack total 1200 W
  - Amplified loudspeaker LSS 200 W
  - Amplified loudspeaker DB 80 W
  - Loudspeaker Electrovoice SS 200
  - Radio mike hand held system



- Stage box cables 600 mt.
- FULL INTERCOM SYSTEM TECPRO:
  - 01 base station
  - 03 remote base station
  - 12 belt pack
  - 02 wire/2 wire interface
  - 01 wireless interface
  - 06 wireless tx
  - 06 rx belt pack
  - 06 earpieces
- ACQUISITION AND ON FIELD EDITING:
  - 05 Mac Pro Laptop
  - 01 Aja IO HD
  - 03 Blackmagic UltraStudio2 4K

## SLIDERS

- 01 Slider Shootools Motorized 150cm
- 01 Slider Shootools Motorized 100cm
- 01 Cine Slider per Cam 50 kg
- 01 Cine Slider per Cam 23 kg

## VDSLR

- Canon 5D mark II (complete with Follow focus, matte box, formatt filters kit, batteries kit, Rig)
- Canon 7D (complete with Follow focus, matte box, formatt filters kit, batteries kit, Rig)
- 02 EF – PL Mount
- 02 Aja Kipro Mini HD (complete with kit card, brackets, plates for batteries Anton Bauer and v-lock)
- 02 Zacuto View Finder + grip

## GOPRO

- 04 Gopro Hero4 Black 4K + Full Kit Accessories that includes:
  - 02 HD Helmet Hero Camera
  - 02 Battery BacPack
  - 01 LCD BacPack
  - 01 Roll Bar Mount
  - 01 Grab Bag of Mounts
  - 01 Suction Cup Mount
  - 01 3D HERO System (extra)

## ACCESSORIES

- Sandisk Compact Flash 16 gb
- Sandisk Compact Flash 8gb
- Card Reader Lexar Compact Flash
- Switch HDMI
- Rig F&V
- Rig Proaim
- Hand held grip Rig
- Aja converter + batteries Redrock Rig
- Vocas Follow Focus
- Light Viewfinder Canon Video

## STEDICAM – CAMERA CAR – JIB

- Steadicam Glidecam full pack
- Mini Steadicam
- Kit Camera Car for Canon
- JIB Glidecam 3,5mt full pack
- Mini Monitor HD 9"

## CAMERA SLIDER SHOOTING & TIME LAPS

- Bundle full pack slider + dolly Motion Plus
- Camera Slider one 150 + 80 motorized
- Dolly one motorized
- Turntable

## CINE TOOLS

- Jimmy Jib 12mt
- Jimmi Jib with remote head
- Skater Mini Camera Dolly
- Screen:
  - 02 Cromakey Green Screen 8.95 x 7,00m
  - 01 Cromakey Green Screen 7.85 x 7,00m
  - 01 Cromakey Green Screen 4.50 x 7,00m
  - 01 Black Screen 4.50 x 7,00m
  - 02 Black Screen 8.95 x 7.00m



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