



**QVEST**

**Experience  
the Next.**

Rental Equipment

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Singapore Switzerland UAE UK USA  
[www.qvest.com](http://www.qvest.com)

## QVEST RENTAL SOLUTIONS & SERVICES

A LEADING PARTNER FOR RELIABLE AND PERFECTLY MAINTAINED EQUIPMENT

### RENTAL SOLUTIONS FOR ALL REQUIREMENTS

We have been underscoring our leading role in the technical equipping of major international events and productions for many years. Thanks to our continuous investment in the latest broadcasting, production and media technology, we are in a position to provide clients with precisely-tailored production equipment and solutions.

We enable our clients to draw on an extensive rental pool of innovative technologies which can be used, for example, for file-based production, broadcasting platforms and outside broadcasting. To this end, we provide production servers, media storage systems, display technology as well as audio-video processing or even studio-production equipment, among other things. The technology is available for short-term or long-term rental - both individually or as complete system architectures.

In addition, we also assist our clients with commissioning of the rented equipment; our Technology Service & Support ensures functionality over the entire production period.

### RENTAL SOLUTIONS & SERVICES

#### Rental Solutions

Dry Hire	Fly-away Systems	Mobile Live Production	Tailored Solutions	Playout Systems	File-based Production
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#### Rental Services

Technical Support	Maintained Equipment	Back-up Service	24/7 Return Service	Rental Stock Sale
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#### Field of use

Major Sports Events	Sports Leagues	Music & Events	TV Production	News & Conferences
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## RENTAL SERVICE



TECHNICAL STAFF



QUALITY CHECK



BACK UP SERVICE



RENTAL RETURN SERVICE



FLEXIBLE RENTAL PROGRAMS



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# CAMERA TECHNOLOGY

## CAMCORDERS

		Label	Description
SONY	35 MM	PMW-F3L	Super 35mm Exmor CMOS sensor with PL lens mount CineAlta camcorder recording full HD/SD
		PMW-F5	CineAlta-2K/4K Camcorder, XAVC Codec, recording full HD
		PMW-F55	CineAlta-4K Camcorder, XAVC Codec, recording full HD
SONY	XDCAM HD	PMW-300K1	Three 1/2-inch Exmor™ CMOS sensors semi-shoulder XD-CAM camcorder with interchangeable 14 x zoom HD lens system recording XAVC HD 100 Mbps and MPEG HD422 at 50 Mbps
SONY		PDW-700	XDCAM HD 422 Camcorder Body. Multi-format recording in HD/SD, interlaced and progressive possible. Recording Medium: Professional Disk
SONY		PXW-Z450	4K XDCAM Camcorder. Multi-format recording allowing users to shoot at 1080p HD and switch to 4K 50p. The PXWZ450 supports XAVC Intra and XAVC Long for 4K recording as well as MPEG HD422. Recording Medium: SxS card

## CAMCORDER ACCESSORIES

		Label	Description
SONY	BATTERIES	BP-L	Lithium-Ion Battery
IDX		IDX Endura Elite	Battery with V-Mount, 14.8 V, 9.2 Ah
SONY	BATTERY CHARGER	BC-L50	Charger for 2 BP-L Batteries
SONY		BC-M150	Charger for 4 BP-L Batteries
IDX		VL-4Si	Charger for 4 IDX Batteries

## CAMCORDER ACCESSORIES PACKAGES

	Label	Description
ENG	Package 1 EB	Includes: Raincover, Tripod, Batteries, Charger, Lightening Set, Headlight, Hand Held Mic + Boom and Windbreaker, Tie Tac Mic, portable Audio Mixer, Headphone, Set Monitor
CINE	F5 / F55 Package	Accessories and lenses on request

SYSTEM CAMERAS

	Label	Description
Grass Valley	LDX 86N 4K/HD/HFR/HDR System Camera	LDX XF Fiber Adapter, Lemo, Camera Control Unit (CCU), Remote Control (OCP), 2" Viewfinder
SONY	HDC-2500	incl. Camera Control Unit (RCP), 2" VF and 9" OLED Color VF
SONY	HDC-4300 4K/HD/HFR System Camera	Multi format 4K/HD/HFR system camera incl. Camera Control Unit (HDCU), Baseband Processor Unit (BPU) and Remote Unit (RCP) with optional 4K Upgrade and HFR Software; 2" VF; 7,4" OLED Color VF, Large Lens Adaptor
SONY	HDC-4800	4K/HD Ultra High Frame Rate Integrated System Camera. Up to 8x Speed in 4K (400fps) / 16x HD (800fps) Integrated recording with Server function in BPU-4800. Up to 4h of 4K UHFR Recording BT2020 & HDR Ready

SYSTEM CAMERA ACCESSORIES

	Label	Description
Grass Valley	EC 744/00	Eye Catcher HD OLED Color Viewfinder, 7.4-inch OLED panel
SONY	HDFV-EL75//U	7,4" Colour OLED Viewfinder for HDC/HSC/PDW/HDW
Canon	LARGE LENS ADAPTER SUP-NS3 S	Universal 2/3" Large Lens
Grass Valley	LDK 4475	Reflex SuperXpander
Grass Valley	SHED BS HDX Plus Set	SMPTE Lemo to dual Singlemode Fiber TX/RX Converter for Grass Valley and Sony cameras
SONY	HDLA-1505	Large Lens Adapter for Sony HDC or HSC 300 series
Lemo	CA-CABLE LWL LWL Camera Cable	LWL Camera Cable with LEMO SMPTE Connector 300 m

# CAMERA TECHNOLOGY

## HIGH SPEED CAMERAS

		Label	Description
Antelope	ULTRA HIGH-SPEED HD CAMERA	MkIIs	2/3" HD 2K Camera Head Fibre, Lemo, LLA and Camera Plate, B4 Mount, 7" HD Viewfinder, Sunhood, Headset, CCU, OCP, RCP, HDX Power Unit, max. 5350fps, permanent HD Liveoutput
	POV ULTRA SLOW MOTION HD CAMERA	PICO	2/3" HD 2K POV Camera Head, Coax, C-Mount, CCU, OCP, RCP, 10m Coax P, max. 350fps, permanent HD Liveoutput
	ENG/BOX STYLE ULTRA SLOW MOTION HD CAMERA	COMPACT	2/3" HD 2K POV Camera Head, Coax, C-Mount, CCU, OCP, RCP, 10m Coax P, max. 350fps, permanent HD Liveoutput
	RF WIRELESS ULTRA HIGHSPEED HD CAMERA	AIR	2/3" HD 2K Camera Head, RF, B4 Mount, SonyPVM740 Viewfinder, Headset, CCU, OCP, RCP, Battery Beltpack, Shoulder Pad and Camera Plate, max. 5350fps, permanent HD Liveoutput
Wireless transmitter/receiver on request.			

## HIGH SPEED CAMERA ACCESSORIES

		Label	Description
Antelope	DEFLICKER SYSTEM	Colibri eXflicker	FPGA based, 1U Rackmount System, 1HDS DI in / 1HDS DI out, eliminates lighting related flicker in real time
	FIBRE TRANSMITTER	Cobra Link	SMPTE based Fibre Link Transmission System 2× 350W 12/24DC, 2× 3G HDS DI uncompressed (CAM to BASE), 1× 3G HDS DI uncompressed (RETURN), 2x bi-directional data signal lines, 2x Tally, 2x GPI, 4x Audio optional, 1 Intercom optional, 1 Satellite, 1 SHED, 1 BASE, 1 Patch Cable

## MINI CAMERAS

		Label	Description
Antelope	4K POV CAMERA	ULTRA	2/3" HD 4K POV Camera Head, 4K P60 over one single 12G SDI cable, C-Mount, OCP, permanent HD Liveoutput
	FULL HD POV CAMERA	NANO	1/1,2" HD POV Camera Head, C-Mount, OCP, permanent HD Liveoutput
Marshall		CV506	Marshall Electronics CV506 Miniature HDCamera with HD-MI/3G-SDI, 3mm and 3.6mm (72°AOV)M12 (interchangeable) lens, Stereo AUDIOembedding and remote adjustable settings

WIRELESS VIDEO SIGNAL TRANSMISSIONS

	Label	Description
IDX	HD IDX CW-5HD	IDX CW-5HD Cam-Wave HD Video Wireless Transmission System

LENSES

	Label	Description
Canon	UHD WIDE ANGLE	CJ12ex4.3B 4K 12x UHD Wide Angle Lens, Double Extender, Zoom and Focus Remote
FUJINON		UA13×4.5 ENG 4K 13x UHD Wide Angle Lens, Double Extender, Zoom and Focus Remote
Canon	HD TELE	HJ40ex10B IASE-V H 40x HD/SD Tele Lens, Double Extender, SUP-300, Focus and Zoom Remote
Canon		CJ20ex7.8B IASE S 4k 20x UHD Tele Lens, Double Extender, Zoom and Focus Remote
FUJINON	HD BOX	UA22×8 ENG 4K 22x UHD Tele Lens, Double Extender, Zoom and Focus Remote
Canon		CJ45ex9.7B IASE 4K 40x UHD Super Tele Lens, Double Extender, Zoom and Focus Remote
FUJINON	UHD BOX	HA26×6.7 BESM HD/SD Box Lens, Double Extender with High Speed Focus and Zoom Remote
Canon		XJ95×8.6 HD/SD Box Lens, Double Extender with High Speed Focus and Zoom Remote
FUJINON		XA99×8.4 BESM-S35 HD/SD Box Lens, Double Extender with High Speed Focus and Zoom Remote
Canon		UJ27×6.5B 4K Box Lens, Double Extender with High Speed Focus and Zoom Remote
Canon		UJ90X9B 4K Box Lens, Double Extender with High Speed Focus and Zoom Remote
Canon		UJ111×8.3B 4K Box Lens, Double Extender with High Speed Focus and Zoom Remote
FUJINON		UA80×9 BESM 4K Box Lens, Double Extender with High Speed Focus and Zoom Remote
FUJINON		UA107×8,4 BESM 4K Box Lens, Double Extender with High Speed Focus and Zoom Remote



# CAMERA TECHNOLOGY / POST PRODUCTION TECHNOLOGY

## LENS ADAPTERS

	Label	Description
Fujinon	ACM-18 Converter	Lens Converter 1/2"
Fujinon	ACM-21 Converter	Lens Converter 2/3"

## TRIPODS

	Label	Description
Manfrotto	TRIPOD COMPLETE	Tripod DV Pro5DP
		Head PH 5 + 75 mm Tripod PT 520, max. load 6 kg
Sachtler		System 18Plus ENG2CF
Sachtler		100 mm Carbon Fiber Tripod, max. load 18 kg
Sachtler		System 20Plus ENG2CF
		100 mm Carbon Fiber Tripod, max. load 25 kg
Sachtler		System 25 EFP2CF
		150 mm Carbon Fiber Tripod, max. load 35 kg
Sachtler	FLUID HEADS	Horizon Plus 35
		7+7 Attenuation
Sachtler		Cine 75 HD
		Pan-/Tilt Head, max. load 75 kg
Vinten		Vision 250
		Pan-/Tilt Head, max. load 33 kg
Vinten		Vector 750
		Pan-/Tilt Head, max. load 75 kg
Vinten		Vector 900
		Pan-/Tilt Head, max. load 90 kg
Vinten		Vector 950
		Pan-/Tilt Head, max. load 90 kg
Sachtler	TRIPOD LEGS	2CF/100
		long/medium Tripod
Sachtler		DA 150
		Tripod, long legs
Sachtler		DA 150K
		Baby Tripod
Vinten		HDT-1
		Heavy Duty Tripod, max. load 140 kg
Vinten		HDT-2
		Heavy Duty Tripod, max. load 120 kg
Sachtler		Cine 2000
		Heavy Duty Tripod short, 150mm Carbon Fiber tripod max. load 140 kg
Sachtler		Cine 150
		Heavy Duty Tripod long/medium, 150mm Carbon Fiber tripod max. load 140 kg
Sachtler	PNEUMATIC	Pedestal C II
		Pneumatic Tripod for all Sachtler Fluid Heads
Vinten		Osprey Elite black
		Pneumatic Tripod with Dolly, two-stage lift range 77 cm
Vinten		Quattro OBL
		Pedestal Vinten Quattro OBL
Sachtler	MONOPOD	Monopod 2 CF
		2-fold extension Monopod
Sachtler	TRIPOD-ACCESSORIES	Dolly S
		Dolly for Sachtler Tripods
Vinten		Dolly
		Dolly for Heavy Duty Tripods

# POST PRODUCTION/OB- AND STUDIO TECHNOLOGY

## REPORTER LIGHTINGS

	Label	Description
bebob	TUNGSTEN	LULED 12-NPF-Pack LED Headlight for DV/HDV Camcorder
dedolight	DAYLIGHT	LEDZILLA On Board Light Head Mini LED

## LIGHTINGS

	Label	Description
Sachtler	TUNGSTEN SET	Lighting-Set 300 3×300 W with Accessories
Sachtler		Lightning-Set 650 3×650 W with Accessories
ARRI		Lighting-Set 800 3×800 W with Accessories
	ACCESSORIES	C-Stand C-Stand with Extensionarm + Gobo

## NON LINEAR EDITING

	Label	Description
Avid	AVID	Avid Kit 1 Configuration: Avid Mediacomposer, Workstation HPz4, B MD Decklink Studio 4K, Keyboard, Mouse, Yamaha MG06X, 2x Audio Monitor Genelec 8020, 2x LCD 24" Monitor
Avid		Avid Kit 2 Configuration: Avid Mediacomposer, Workstation HPz8, Avid DNxIQ, Keyboard, Mouse, Yamaha MG06X, 2x Audio Monitor Genelec 8020, 2x LCD 24" Monitor

**Special configurations on request!**

## CHARACTER GENERATORS / GRAPHIC SYSTEMS

	Label	Description
Vizrt	Viz Trio / Viz Artist System	Incl. Artist Engine, Trio Client Engine, Vizrt Trio Keyboard
CasparCG	CasparCG	Live TV Graphics System (Freeware) / HPz840 / 1TB HDD / BMD DeckLink Quad 2

SHARED STORAGE SYSTEMS

	Label	Description
Avid	AVID Avid NEXIS   PRO	Small post-production environments, professional-class standalone storage system can be used alongside other Avid NEXIS storage engines, but not physically mixed with them. Avid NEXIS FS File with 40 TB of storage capacity offering up to 400MB/s bandwidth. Combining multiple engines storage can be scaled up to 80 TB. Different configurations on request.
Avid	Avid NEXIS   E2	Small- to mid-size Enterprise-Class, team-level storage engine offers great scalability, performance, and collaboration. Avid NEXIS FS File systems can be configured from 60-140 TB of storage capacity offering up to 400MB/s bandwidth. Combining multiple E-class engines storage can be scaled up to 1,44 PB. Different configurations on request.
Avid	Avid NEXIS   E4	Mid- to large Enterprise-Class, facility-level storage engine offers high scalability, performance, and collaboration. Avid NEXIS FS File systems can be configured from 120-280 TB of storage capacity offering up to 800MB/s bandwidth. Combining multiple E-class engines storage can be scaled up to 1,44 PB. Different configurations on request.

AVID INTERPLAY/MEDIACENTRAL

	Label	Description
Avid	AVID Interplay	Complete Interplay / Media Central environment available (from small to enterprise level sizing) incl. several options like clustered Interplay Engine, MediaCentral Server, Media Indexer, Transfer Engine, Media Composer   Cloud, AD & DNS Server...) Price and configuration on request
Avid	Interplay Transfer Server	Interplay Transfer Server incl. DHM Option Incl. AS3000 Server or HP DL 360G9 Server or as a software only license Price on request

TELEPROMPTER

	Label	Description
Autoscript	Autoscript	15" -17" Teleprompter System for ENG and Boxlenses

## MONITORS

		Label	Description
SONY	HD/LCD	LMD-9050	8,4" HD/SD LCD-Monitor, 4:3/16:9 switchable Display
SONY		LMD-1750W	17" WXGA Display (1280×768 Pixel), incl. BKM 243HS HD/SDI input Board + SU561 Monitor Stand, all in one construction
SONY		LMD-230W/2 / LMD-232/0	23" Widescreen HD/SD LCD-Monitor, 4:3/16:9 switchable
SONY		LMD-2450W	Full HD Resolution in 1920×1080 Pixel. HD-15 and DVI-D Inputs. Videoinputs for HD in Component, S-Video and Composite
Panasonic	Plura	BT-LH 1700WE	17" Widescreen HD/SD LCD Multi Format Monitor
Plura		LCM-147-3G	47" – Preview 3G Broadcast Monitor Narrow Bezel (1920×1080)
HD2line (Penta)		Penta PDP 37	HD2Line 37" LC Display incl. HD/SDI Interface
HD2line (Penta)		Penta PDP 42	HD2Line 42" LC Display incl. 3G/HD/SDI Interface
HD2line (Penta)		Penta PDP 47	HD2Line 47" LC Display incl. HD/SDI Interface
HD2line (Penta)		Penta HDP 490-A	HDQLine 49" LC Display incl. 3G/HD/SDI Interface
SONY	OLED	BVM-E250	24.5-inch Full-HD Reference OLED Monitor
SONY		PVM-A250	25" OLED Monitor 1920×1080 Px (Full HD)
SONY		PVM-X2400	TRIMASTER-24"-4K-HDR-High-End-Monitor
Ergotron	DISPLAY STAND	Ergotron	Display Stand up to 60 kg

## MULTIVIEWER

	Label	Description
Evertz	VIPX 32 IN / 4 OUT SET	Evertz multi input display (32x) for UHD/3G/ HD/SD Signals, embedded Audio, UMD Display, in a 1 HE Frame
Evertz	VIPX 64 IN / 8 OUT SET	Evertz multi input display (64x) for UHD/3G/ HD/SD Signals, embedded Audio, UMD Display, in a 3 HE Frame
Evertz	MVP 64 IN / 8 OUT SET	Evertz multi input display (64x) for HD/SD Signals, embedded Audio, UMD Display, DVI Output nativ HD 1920×1080 Pixel, 8 HDS DI in parallel with 8 Fibre Coax Glink outputs
Evertz	MVP 72 IN / 4 OUT SET	Evertz multi input display (72x) for HD/SD Signals, embedded Audio, UMD Display, DVI Output nativ HD 1920×1080 Pixel, 8 HDS DI in parallel with 8 Fibre Coax Glink outputs

## MOBILE LIVE BROADCASTING / STREAMING

	Label	Description
Teradek	Cube 155	HD-SDI H.264 Encoder with 3G/4G cellular network via USB Modem (rental prices excl. data connection)
Teradek	Cube 305 Decoder	HD-SDI H.264 Decoder with 3G/4G cellular network via USB modem (rental prices excl. data connection)
Hivision	Makito X4	Encoder 1x12G SDI o. 4x3G SDI - HEVC/H.265 and H.264/AVC video encoding with 4:2:2 chroma subsampling, 10-bit color, and HDR
Hivision	Makito X4	Decoder 1x12G SDI o. 4x3G SDI - HEVC/H.265 and H.264/AVC video encoding with 4:2:2 chroma subsampling, 10-bit color, and HDR
Intinor	Direct Link	Mobile and Backpack
Intinor	Direct Router	In various versions with up to 4 SDI inputs per unit (incl. IFB and other options)
Intinor	Heimdall	LTE Modem with up to 8-SIM Cards 3G/4G
Intinor	Direct Receiver	Receives a compressed video stream over Internet (or other IP nets) and plays out on SDI 2x/4x/6x/8x

## ALL IN ONE PRODUCTION SYSTEM

	Label	Description
Simplylive	ViBox8	All in One Live 3G OB Production System, Integrates Video Mixing, Audio Mixing, Replays, Highlights and Graphics via NDI, Internal RAID 5x3TB (200h HD recording), Embedded 16CH Audio
Simplylive	ViBox8 2nd User Set	Includes additional 27" Touchscreen and NUC to operate ViBox8 with up to 3 clients (eg. Production; Slo1; Highlight / Production; Slo1; REF Box)

## PLAYER/RECORDER

	Label	Description
Panasonic	P2 HD AJ-HPS 1500	P2HD Multiformat Studio Memory Card Recorder, incl. Intra Codec Board
Panasonic	DVC PRO HD AJ-HD 1700	DVC Pro HD Player/Recorder
SONY	XDCAM U1	XDCAM Professional Disc drive unit
SONY	U2	XDCAM Professional Disc drive unit
SONY	XDCAM HD PDW-HD1500	XDCAM-HD Recorder/Player
SONY	PDW-F1600	XDCAM HD422 Professional Disc recorder, RS-422 9-pin remote control interface, which the deck to be used as a feeder for linear editing
SONY	XDS-PD2000	XDCAM Deck / IT Server with two SxS memory slots, Professional Disc drive and 500GB SSD

# OB AND STUDIO TECHNOLOGY/AUDIO TECHNOLOGY

SONY	HDCAM	HDW-D1800	HDCAM/MPEG IMX/Digital Betacam Recorder/Player
SONY		HDW-M2000P	HDCAM Recorder/Multiformat-Player

## HARD DISK RECORDERS

		Label	Description
AJA	HD/SD HARD DISK	AJA KI Pro	SD and HD SDI Hard Disk Unit with 250 GB Storage
AJA	HD/SD HARD DISK	AJA KI Pro Rack	2× 500 GB Storage Module
AJA		AJA KiPro Ultra	4K/UltraHD and 2K/HD Recorder/Player with 4K 60p Support
Grass Valley		K2 Dyno Elite	K2 Dyno Replay Elite Package version 3. Includes K2 Summit 3G four channel HD/SD server with DV, MPEG-2, and AVC-Intra codecs, 12 × 600GB drives in a RAID 10 configuration for storage of 120 hours of AVC-Intra 50 content, K2 AppCenter Elite with ChannelFlex™, and K2 Dyno Replay controller with application software. It also includes hardware and software to permit ChannelFlex operations with MPEG-2 formats such as XDCAM and XDCAM HD. Supports replay configurations up to 6 camera iso-records and 1 replay out
EVS	EVS HD	XT3 HD 6CH	XT3-6U-6CH Server with Multiviewer; 12 × 900GB, MADI BNC + AES/EBU BNC + Analog DB15 Audio Option; 10Gbps Media sharing network
EVS		XT3 CHMX	XT3-6U-CHMX Server with 3x, 6x HFR Software, XDCAM Codec, Multiviewer; Dual LSM Option, 12 × 900GB, MADI BNC + AES/EBU BNC + Analog DB15 Audio Option; 10Gbps Media sharing network; 4K Option on request
EVS		XT4K CHMX	XT4K 6U UHD-4K / HD ChannelMAX Server with 12× 1800GB, MADI BNC + AES/EBU BNC Audio Option, 12G-, 3G- & HD-SDI Video Connectivity for XT4K, Multicam LSM (Open Config.) for XT4K Options: MLT Open Configuration, Split Screen, Target Track & Magnify, Telestrator, Mix on 1 Channel, Dual LSM, Super Motion / HFR
EVS		XTVIA-FHD12	Supports a list of 12-ch configs in HD/FHD, 12× 1800GB, MADI BNC + AES/EBU BNC Audio option, 12G-, 3G- & HD-SDI Video Connectivity for XTVIA, Multicam LSM (Open Config.) for XTVIA Server 12CH, Dual LSM Mode, Supermotion
EVS		XTVIA-FHD12-U6	Supports a list of 12-ch configs in HD/FHD and 6-ch configs in UHD-4K, 12× 1800GB, MADI BNC + AES/EBU BNC Audio Option,, 12G-, 3G- & HD-SDI Video Connectivity for XTVIA, Multicam LSM (Open Config.) for XTVIA Server 12CH, Dual LSM Mode, Supermotion

## HARD DISK RECORDER ACCESSORIES

		Label	Description
EVS	EVS ACCESSORIES SD/HD	XStore	Back Up Storage Solution for EVS
EVS		XHUB	
EVS		XHUB-VIA	High Band with Media Sharing Network Hub System
EVS		X-File 3	New 2RU platform with up to 8 USB3, 5 e-sata, 4 USB2 connectors. XFile is a Backup platform for EVS Servers and gateway platform EVS Servers and NLE stations.
EVS		IP Director	Integrated Suite of Software with versatile control of the XT2/3 Servers audio and video channels.
EVS		Database Server	The DBServer is hosting a central SQL Server with redundant architecture, to host the unique IPDirector database.
EVS		XTAccess	XTAccess Gigabit 'High Performance' Gateway Server for media interchange based on standard Ethernet LAN or WAN connections.
EVS		X-SAS-HDX	External SAS Storage Array - 2U 19" rackmount chassis Up to 24 Hot Swap SAS disks; Redundant Power Supply Modules

## VIDEO SWITCHERS + SPECIAL EFFECTS MIXERS

		Label	Description
Panasonic		AV-HS 450	Compact, Multi Format Live Switcher with 16 Inputs and 4 Outputs
Ross		Carbonite Black Plus	Multiformat Video Mixer 1,5G, 3G, and UHD Quad-Link, 36 Inputs, 22 Outputs, 3 full ME's with 4 Keys, 4 MiniME's with 2 Keys, DVE, Chroma Keyer, Frame Synchronizer on all Inputs, 12 Output Color Correctors, Proc Amps and Format Converter, 5 Multiviewers up to 16 Windows, Carbonite 3S Control Panel with 24 Button, 3 ME Rows

## MEASUREMENT

		Label	Description
Tektronix	WAVEFORM MONITOR	WFM-5000	HD/SD Multiformat Waveform Monitor
Tektronix		WVR 7100	Waveform Rasterizer
Teletream		PRISM MPI2-25	Waveform Monitor 3RU half rack with, 4 SDI inputs, 10GE, 25GE, Options: PHY, AUD, DLBY, 4K, GEN, IP, PROD, QC

## ROUTERS VIDEO + AUDIO

	Label	Description
L-S-B	Panel	X-Y Multi Bus Panel or Single Bus Panel BD17/BD32/BD51
L-S-B	Controller	VSM Virtual Studio Manager System incl. Hardware, Software, Set Up – Versatile configurations possible according to demand
Blackmagic Design	Smart Video Hub	Compact 1 x rackmount router, 16 × 16 with key control console. The router is SD, HD, 3Gbps SDI capable and is equipped with automatic re-clocking. Supported interfaces: Ethernet, USB, Serial
Riedel	RSP-2318	19" Rackmount Smart Panel with 18 keys
Riedel	MicroN HD/UHD	Scalable decentralized routing system with integrated AV processing and multiviewer application

## AV PROCESSING / CONVERSION / DISTRIBUTION

	Label	Description
Lawo	STANDALONE AV PROCESSING V_pro8	8-channel Videoprocessing unit with Framesync, Frame Phrase, var. Audio/Video Delays, Em-/Deembedding, RGB CCOR, Up/Down/Cross Conversion options. V-Pro8 is additionally equipped with Waveform- and Vectorscope, Mastersync Gen., A/V Lip-Sync and TC-Generator function
Riedel	MicroN HD	Software-enabled, app based hardware, signal processor, point to point link with 12x In / 12x Out, 2x MADI, 1x GBit
Riedel	MicroN UHD	Software-enabled, app based hardware, signal processor, point to point link with 8x In / 8x Out 12G/3G/HD/SD-SDI, 8x In / 8x Out 3G/HD/SD-SDI, 16x 3G/HD/SD-SDI In / Out (switchable), 2x SFP ports (up to 1434Mbit/s)
AJA	FS-1	Stand-Alone HD/SD Frame-Sync with Up/Down/Cross Conversion
AJA	FS HDR	4-Channel 2K/HD/SD or 1-Channel 4K/UltraHD HDR and WCG frame synchronizer and up, down, cross-converter
Snell	Mach HD	HD & SD Motion Compensated Standards Converter with Synchronizer, Up/Down/Cross Conversion
Snell	KudosPro MC500	KudosPro Conversion - MC500 Single channel motion, compensated frame rate converter and adaptive format converter. Any SD, HD and 3Gbps (up to 1080 59.94P) standard to any other SD, HD and 3Gbps standard.
Grass Valley	MC2000-CT2	Dual channel motion, compensated frame rate converter and adaptive format converter. Any SD, HD and 3Gbps (up to 1080 59.94P) standard to any other SD, HD and 3Gbps standard.
Snell	Alchemist Ph.C-HD, incl. Dolby E Option	Motion Compensated High Definition Standards Converter, incl. Dolby E Option
Snell	Alchemist Ph.C-HD, incl. Dolby E Option/ Film	Motion Compensated High Definition Standards Converter, incl. Dolby E Option, Film Tool Option



# AUDIO TECHNOLOGY

LYNX	MODULAR AV PROCESSING	Frame R FR 5011	Incl. Power Supply + Rack Controller. Lynx Frame for various Modules
LYNX		Frame R FR 5012	Incl. Power Supply + Rack Controller. Lynx Frame for various Modules
LYNX		D AA Module for R FR 5011	Frame equipped with Lynx Modules of the D AA Series: Analog Audio Distribution
LYNX		D VA Module for R FR 5011	Frame equipped with Lynx Modules of the D VA Series: Analog Video/Sync Distribution HD
LYNX		D VD Module for R FR 5011	Frame equipped with Lynx Modules of the D VD Series: Digital Video Distribution SD/HD
LYNX		S VD Module for R FR 5011	Frame equipped with Lynx Modules of the S VD Series: Digital Video Switching SD/HD
LYNX		P VD Module for R FR 5011	Frame equipped with Lynx Modules of the P VD Series: Frame Synchronizer SD/HD

## HEADPHONES

	Label	Description
Sennheiser	HD 25 SP 1	Headphones, closed

## SPEAKERS/AUDIO MONITORS

	Label	Description
Neumann	KH 120 D G	Monitor Speaker
Neumann	KH 310 D R G	Studio Monitor
Neumann	KH 310 D L G	Studio Monitor
Neumann	KH 750	Studio Monitor Subwoofer
Fostex	6301	Monitor Speaker
Genelec	8020DPM	Monitor Speaker
Genelec	1031A	Monitor Speaker
Wohler	iAM-AUDIO-1	1RU Versatile Audio Monitoring and Metering with unique touch screen control. Includes OPT-ANLG only
Wohler	AMP1-S8MDA	8-channel analog, AES/EBU, HD/SD-SDI multi-channel audio monitoring
Wohler	AMP1-8-M	Dual Input 3G/HD/SD-SDI Audio Monitor with 8 Channel Metering
Wohler	AMP1-16-M	Dual Input 3G/HD/SD-SDI Audio Monitor with 16 Channel Metering
Wohler	AMP2-E8MDA	8-channel analog, AES/EBU, Dual Mode HD/SD-SDI Digital, Dolby Digital and Dolby E Audio Monitor
Wohler	AMP2-E16V-M	The World's finest Audio and Video Monitor. Modular upgradability. Includes Dolby D/E/DD+ & 1 × 3G/HD/SD-SDI module. 2RU

# AUDIO TECHNOLOGY

TSL	PAM2-IP+Dolby	2RU Precision Audio Monitor complete with DOLBY E, DOLBY D and DOLBY DD+ Monitoring with SMPTE-2110 Option
TSL	PAM2-3G16 MK2	Precision Audio monitoring unit, 2RU, 2 x TFT LCD displays for 16 channel simultaneous audio monitoring, metadata, setup menus, video confidence monitor. 2 x HD/SDI (1080p 60, 59.94 & 50Hz), Dolby D/E/DD+ decoding, EBU-R128, CALM compliant loudness measure

## INTERCOMS

	Label	Description
Riedel	MATRIX	Artist
		Intercom System Matrix, either 32 × 32 or 128 × 128 includes Mainframe incl. Client Cards, Control Key Panels 1012/1028, Gooseneck Microphones
Riedel		Bolero Active Antenna
Riedel		Bolero Beltpack
GigaCore		LU01 00036-POE
Riedel	INTERCOM STATIONS	RCP-1012E/O
Riedel		RCP-1028E/O
Riedel		ECP-1012E
Riedel		DCP-1016
Riedel		RSP-1232HL
Prodys		Quantum ST
Zähl	COMMENTARY UNIT	AIRCOM
Riedel		CCP-1116

# RENTAL SOLUTIONS

## RENTING FROM QVEST

When you choose Qvest, you choose the leading full-service rental provider in the live broadcasting segment. Our rental pool ranges from camera equipment and camera systems (HD, 2K/4K), ENG and studio equipment, file-based production solutions, playout servers and signal distribution to IP systems for remote and cloud-based live broadcasting.



## DRY HIRE VS. MOBILE RENTAL SYSTEMS

Our mobile flight case solutions give you the utmost flexibility in all kinds of outside broadcasting. Whether you are looking for live broadcasting equipment for events such as sports, concerts or live shows, we offer you a number of HD and SD flight case systems for various applications. Our flight case portfolio ranges from innovative HD/SD production technology, wired and wireless transmission, fully equipped ingest, editing and playout units to the latest hardware and software solutions.

### Dry-Hire Rental Services

- » Rental portfolio with over 2,000 dry hire articles
- » Constant renewal of the equipment pool
- » FlexiRent for different rental periods
- » Immediate collection and express delivery on the next business day
- » Quality checks before release of goods
- » 24/7 rental return for Dry-Hire equipment
- » Optional extra of Qvest Priority Support e.g. for additional equipment and replacement service
- » Regular sale of delisted rental articles

### Services for Mobile Rental Systems

- » Design & planning of mobile systems solutions by our Solutions and Systems Integration units
- » Implementation of complete file-based production platforms and/or supplement to existing structures
- » Flexible forms of contract possible
- » Support from a fixed project manager
- » Commissioning at deployment location
- » Technical service & on-site support
- » International logistics, customs clearance and project management

# SYSTEMS



## MOBILE RENTAL SYSTEMS

Mobile studios and video production, ENG units, control rooms, editing suites, playout servers, file-based production platforms, cloud-based and remote systems – Qvest plays a prominent role as technical equipment supplier for international events in the fields of sports, shows and entertainment. Continuous investment in leading-edge broadcasting, production and media equipment enables us to tailor production environments to individual requirements. The design and planning of such mobile rental systems is performed in close collaboration between our solutions business and expert planners from Qvest Systems Integration.

## FLYPACK-SYSTEMS – AT HOME AROUND THE WORLD

Designed for rapid deployment, pre-installed flypack systems can be shipped virtually anywhere in the world and, being plug & play, can be put into operation immediately. Thanks to their modular construction, the systems can be scaled and configured for special production environments in the planning stage. In this way, direction units can be set up as a temporary broadcasting centre for full-blown live transmissions. Our flypack systems are intended for events with changing venues such as concert tours, motor sports and tennis, world cup events in golf and winter sports or promotional tours.

Please see our range of case studies on our recent major event rental projects: [www.qvest.com](http://www.qvest.com)

# SERVICES / TERMS AND CONDITIONS

## INSURANCE RENTAL EQUIPMENT

Insurance for rental equipment: 2.5 % of the order sum for coverage within Germany and adjacent countries. Retention in the case of damage amounts 2/3 of the replacement value up to 5000€ Euro.

- 1. Possible increases of risk – as for example aerial shooting – have to be discussed with Qvest and the insurer before commencement of risk.
- 2. Goods are not insured in vehicles between 22:00 p.m. and 06:00 a.m.
- 3. Not insured – apply in the context of the contract – are for example claims that result from damage by war or offences against customs regulations or administrative instructions.

For further information we refer to the conditions of our electronic equipment insurance, which we willingly deliver on demand.

# Qvest

## SERVICES AND PRODUCTS



### Strategy & Design

Qvest combines methods and technologies with skills, experience, and inspiration to develop a **focused and precise** future strategy with the client. Highly specialized business, technology and change consultants provide impulses, develop sustainable ways of working together with the client, accompany the transformation process and provide the technologies that make the client's vision a reality.



### Software Development

Qvest creates the link between the real and virtual world with the help of specially tailored software developments in areas such as cloud computing, automation, rights management, CRM, eCommerce, and data management and analysis. Whether it's a quickly realized prototype, MVP, prototype, or decidedly elaborated proof-of-concept: visionary, **structured, and efficient** project teams form the perfect mix to implement software solutions tailored to customers' needs.



### Build & Delivery

Qvest implements digital and cross-media networked benchmark architectures and system landscapes using state-of-the-art information, communication and media technology. With its **holistic 360°** technology expertise, Qvest enables what matters: "best-of-breed" environments to stay one step ahead of every innovation leap.



### Products & Solutions

With "Qvest Products", Qvest develops its own digital products and solutions from which IT decision-makers and media professionals benefit sustainably. In addition, with "Global Sourcing Services" Qvest offers access to a purchasing platform based on a global, strategic partner network with technology products manufacturers from the media, information and communications industries. Qvest thus offers its customers the **perfect triad** of high performance, workflow acceleration and tangible cost benefits.



### Managed Technology

Competence and individual support with exceptional expertise are the assets that distinguish Qvest Managed Technology as a turnkey service. It enables Qvest customers to reduce financial risks and benefit from advantages such as managed services and temporarily leased system solutions, thereby enabling them to focus on their own core competencies and remain fit for the future.