

Discovery Reply

Capture Video

Discovery Reply Capture Video is a new generation high-performance Video Server designed for television broadcasters, production environments and in general for any digital archiving needs. The system offers a wide range of format compatibility and configurations, together with connectivity and control flexibility.

Discovery Reply Capture Video offers standard recording and playback functions as well as a variety of supported video resolutions, making it an excellent solution for VTR replacement, satellite ingest, broadcasting server or digital media distributor within the company. Designed to meet the needs of broadcasters and to simplify the production processes of digital news, *Discovery Reply Capture Video* allows an easy access all the system administration and use functions, complete programmability, remote control, and a seamless interoperability with *Discovery Reply*, the Media Asset Management platform created by Reply.

With its fully configurable and expandable architecture, *Discovery Reply Capture Video* can be equipped with professional as well as consumer capture cards and codecs allowing single or multiple, analog or SDI, video input/output connectivity. The control software automatically identifies the number and type of hardware resources available (video port), and exposes their access via standard control protocols.

Configured as a pure video ingest server, *Discovery Reply Capture Video* is a cost-effective and reliable solution for corporate digital encoding and storage requirements.

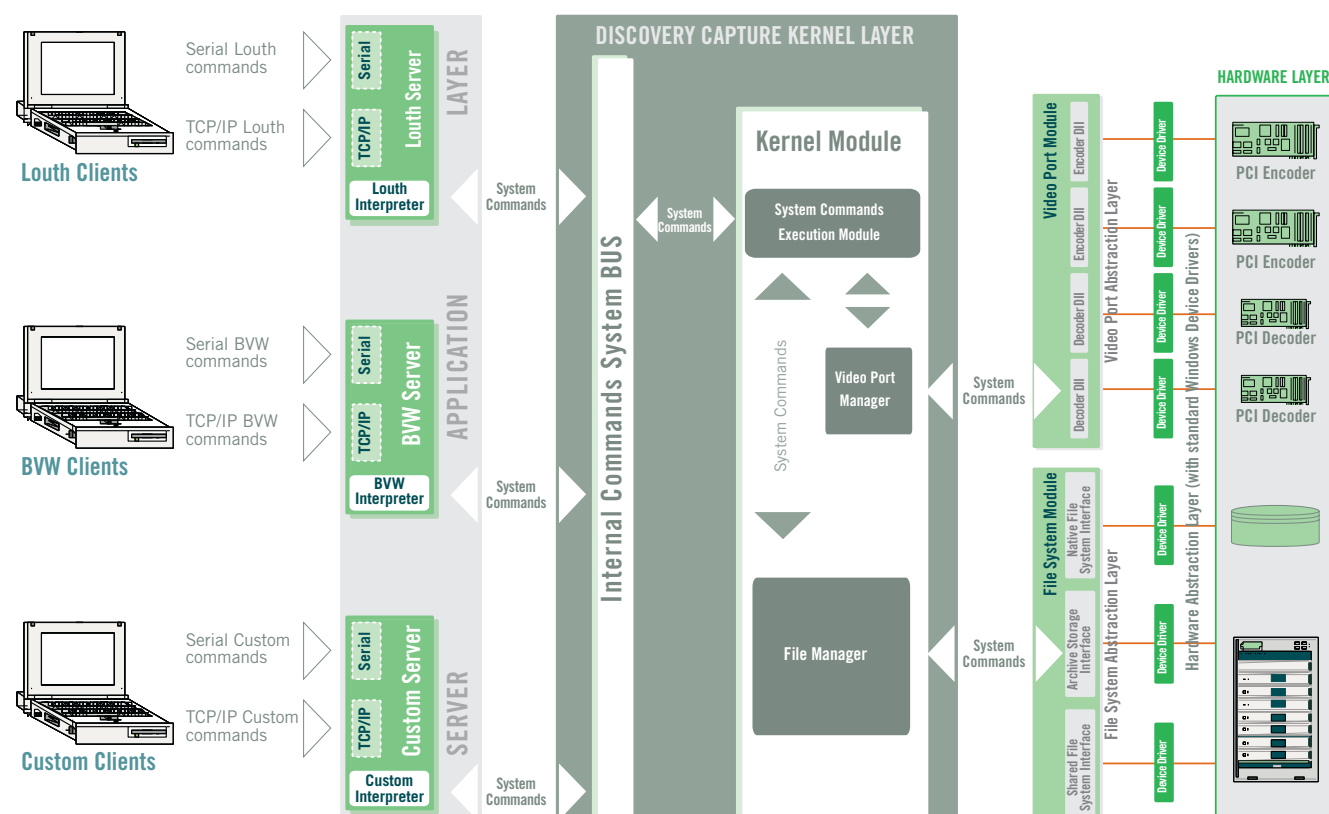
Discovery Reply Capture Video is based on Microsoft Windows® architecture and technology. Thanks to the use of standard hardware components and file systems, *Discovery Reply Capture Video* can be easily integrated with current video production systems at a very low cost per channel.

MAIN FEATURES

- ▶ It allows to choose among various ingest and playout cards to fit the different environments and meet the needs of different clients.
- ▶ Client-server architecture: all ingest/playout resources of *Discovery Reply Capture Video* are automatically and dynamically shared by all clients through the generic video port concept. Every time a video port is added to the system, clients can automatically use it via a simple and intuitive GUI.
- ▶ Network oriented: it automatically and dynamically detects other *Discovery Reply Capture Video* running on the same network, immediately sharing file and resources.
- ▶ Natively integrated with *Discovery Reply*, it can be controlled through the Discovery feed control system.
- ▶ It easily integrates with the most advanced storage network environments (e.g. SAN, NAS).

DATA SHEET

DISCOVERY
Reply CAPTURE VIDEO



DISCOVERY REPLY CAPTURE VIDEO

▶ INGEST

- GUI controlled
- Up to 4 channels per server
- Real-time encoding and multiplexing in MPEG-1, MPEG-2 4:2:0, MPEG-2 4:2:2 Profile, MXF
- GOP Structure: I, IBP, IBBP, IP open or closed
- Pass-through VITC, LTC support
- MPEG-2 Main Profile: 3 Mbps to 15 Mbps
- MPEG-2 4:2:2 Profile: 10 Mbps to 50 Mbps
- DV25/50
- Multiple formats and resolutions simultaneous creation (frame synced)
- GOP Size: Programmable up to 16 frames
- SMPT 259M component serial digital or NTSC/PAL composite (BNC)
- Encoding quality control based on Discovery Qualifier

▶ PLAYOUT

- High quality 4:2:2 video and 4:2:0 video at up to 50 Mbps
- Parses all MPEG streams: MPEG-2 Elementary, Packetized Elementary (PES), Transport and Program Stream, MPEG-1 Elementary and System Stream
- DV 25/50
- MXF
- NTSC (525/60) or PAL(625/50)
- SDI (SMPTE 259M) embedded audio
- Balanced analog audio output, digital audio (AES3) output
- Genlock input

▶ AUTOMATION CONTROL

- RS422
- Ethernet
- Sony BVW
- Louth VDCP (over RS422 or over Ethernet)

▶ USER INTERFACE

- Quick to learn, simple and user friendly
- Discovery Reply Capture Video Client Console
- DNF Clipfast Access System
- Contour ShuttlePRO



▶ CODEC BOARDS

- Matrox
- Vela
- Stradis
- Osprey

▶ AVAILABILITY

- Redundant power supply
- Mirrored system disks
- RAIDed data disks (external or internal)

▶ INTEGRATION

- Full integration with *Discovery Reply*
- Based on Microsoft Windows® architecture and technology and out of the shelf hardware and file systems
- NAS/SAN support
- Asset management systems via exchange of MPEG, Windows Media, MXF and XML
- Template based ingest - customized workflow to address any operational pattern
- Open for third-parties via API
- SMPT 259M metadata tags for import/export
- Workflow management systems – e.g. for review and approve, quality control etc.



Reply is a leading Consultancy, Systems Integration, Application Management and Business Process Outsourcing company, specialized in the creation and implementation of solutions based on new communication networks and digital media. Reply's offer is aimed at fostering the success of its customers through the introduction of innovation along the whole economic digital chain, thanks to its knowledge of specific solutions and a consolidated experience addressing the main core issues of the various industrial sectors. Reply's model is based on a network structure composed of subsidiary companies, each focusing on specific lines of offer.

Reply [Rey.MI] is listed in the Star segment of the Italian Stock Exchange.

For further information on Reply and its products please visit the corporate website: www.reply.eu

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