

# VIDEO SOLUTIONS FOR YOUR PROJECT!



Media Asset  
Management  
& Archiving



Recording &  
Monitoring



Encoding & Decoding  
H.264 / HEVC



IPTV



Ultra Low Latency  
Streaming



Mobile Multi Screen  
Streaming & OTT



### Live Video Distribution & IPTV

- Industrial IPTV
- Military / Tactical IPTV
- Broadcast Payout
- Multi-View Applications
- VOD
- NVR



### Video Sources

- Portable Encoding Devices
- Broadcast Cameras
- Military/Tactical Cameras
- Security Cameras



### Encoding & Decoding

- Encoding Boards
- Decoding Boards
- MGW Portable Encoder
- SD MPEG2
- HD MPEG2
- HD H.264
- HEVC/H.265



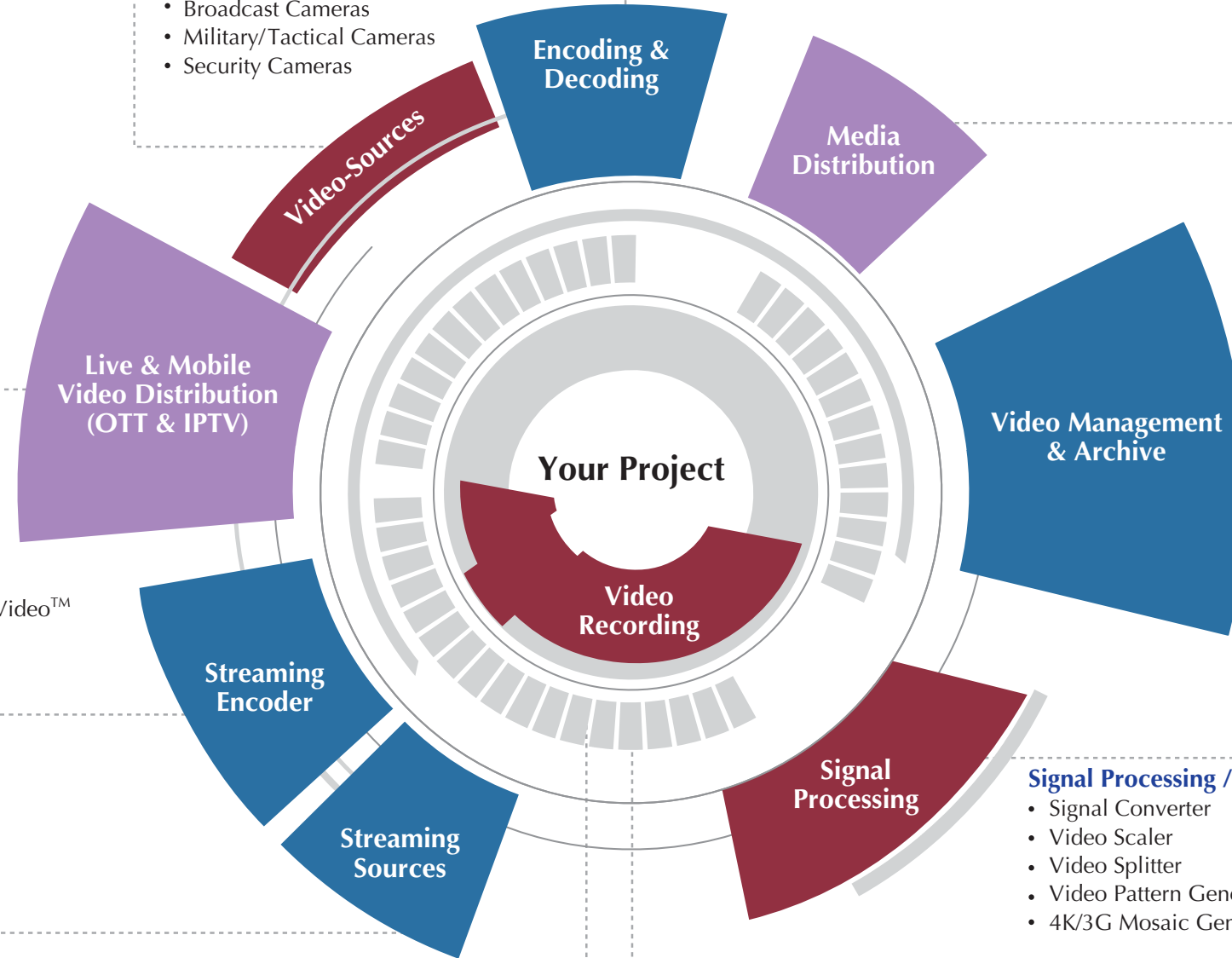
### Media Distribution

- Video on Demand (VOD)
- Video Streaming & IP/Web-TV
- Cloud Distribution
- Website Integration
- Digital Signage
- Multi-View Applications
- Direct DVD/Blu-ray production



### Mobile Distribution & Streaming

- Over-the-Top (OTT) Streaming
- Mobile IPTV Services
- Broadband TV to multiple screens
- Terrestrial and Mobile TV
- Mobile Video on Demand
- iPad & Android App



### Video Management & Archive

### Video/Media Management & Archive

- Video Archiving
- NLE Project Archiving (Project Parking)
- Video Workflow Integration
- HSM / LTO Storage Solution
- Cloud Connectivity
- Broadcast Payout
- Medical Format Support



### Streaming-Encoder

- Blade Encoder
- Mobile / Mini Encoder
- Military / Rugged Encoder
- Ultra Low Latency Encoder: TurboVideo™
- Multi-Channel Encoder
- MPEG-2 / H.264
- HEVC / H.265



### Streaming Sources

- IP Gateways
- Network Security Cameras



### Portable Recorders

- H.264 Proxy Recorders
- Field Decks
- Video on Demand (ENG)
- Video on Demand (EFP)
- 50Mbps MPEG HD422
- XDCAM HD/EX



### Video Recording & Monitoring

- 24/7 Media Logging
- Video / Broadcast Recording
- Interview / Legal Recording
- Conference / Training
- Legal Monitoring
- Stream Recording
- Mobile Recording
- Video Surveillance



### Signal Processing / Conversion

- Signal Converter
- Video Scaler
- Video Splitter
- Video Pattern Generator
- 4K/3G Mosaic Generator

# VIDEO SOLUTIONS FOR YOUR PROJECT!



VITEC offers expert consulting, products, systems, and support for your video installation projects and your customer's video requirements. We specialize in Media Management, Over-the-Top (OTT), Video over IP solutions, Video Streaming, Recording and Monitoring, and support the complete video technology workflow for educational institutions, government agencies, military, transportation, telecommunication, medical, broadcast, sports and entertainment business sectors. Benefit from our 24 years of experience and successful worldwide implementations of VITEC systems. We offer full consultation and assistance during project proposal and planning processes and even develop customized solutions to meet your project needs and your customer's requirements.

## Key Industries



### Broadcast

- Video On Demand
- Media Asset Management
- Video Monitoring



### Medical

- Operating Rooms
- Training / Seminars



### Military

- Situational Awareness
- ISR
- UAV



### Sports & Entertainment

- Hospitality
- Digital Signage
- Video Walls



### Education

- E-Learning
- Auditorium



### Enterprise & Government

- InHouse TV
- Conference Room
- Video Monitoring



### Telco

- IPTV
- OTT



### Custom Design

- Custom Development of Systems & Appliances

# Highlighted VITEC Appliances



## **MGW Sprint - The world's fastest H.264 codec**

The MGW Sprint revolutionizes the video encoding/decoding with less than 1 frame delay of "glass to glass" in Full HD video streaming; made possible by TurboVideo2™ technology: 4 milliseconds for encoding and decoding. The MGW Sprint provides 3G, HD-SDI, DVI and HDMI inputs in a robust, portable enclosure without moving parts.



## **VITEC's Professional Series of Portable H.264 Encoding and Streaming Appliances**

Faster, denser and more cost-efficient - VITEC's diverse offering of portable, industrial-grade, H.264 streaming appliances offers all popular video and audio inputs, encoding and streaming options for any real-time video application. Designed for stationary and portable applications, the MGW Premium, MGW Nano and MGW Pico encode and stream video streams from any source - anytime, anywhere.



## **Focus FS-T2001 Mobile SxS Field Recorder / Player**

The next generation Focus FS-T2001 professional media recorder and portable field deck is ideal for both Electronic News Gathering (ENG) and Electronic Field Production (EFP). Focus FS-T2001 makes managing video content and distributing it via networks or physical media a snap. Focus FS-T2001 supports Sony 50mbps MPEG HD422 as well as XDCAM HD/EX professional recording formats.



## **Focus FS-H50/60/70 Portable H.264 Recorder**

Our ultra mobile FS-H series records video signals directly from the Composite, HDMI or SDI signal (depending on the model) of the camera and saves them in H.264 format (MOV, MP4 and AVC HD) on default SD(HC) cards. The VITEC Wi-Fi adapter even allows the preview of the live video signal, VOD and the operation out of a mobile end device.



## **Extensor Mini Converters**

Extensor Mini Converter provide first-class quality for stable and reliable video signal conversion. There are products for each analog to SDI/ SDI to analog and HDMI to SDI/SDI to HDMI available.



## **Extensor HD Scaler Universal Scaler and Converter**

Extensor HD Scaler is a powerful scaler and universal video converter. Extensor HD Scaler is ideal as Front-End for video editing spaces and capture systems or as video conversion tool for live and postproduction, especially with mixed video - for the connection of SD and HD world. Our Extensor Series now also offers a Video Pattern Generator (VPG-70) and Advanced 4K/3G Mosaic Generator (SDI4Mosaic)



## **VMC-7440 Encoding Card**

By hardware encoding the VMC-7440 card provides very high HD H.264 / AVC quality (up to 1080p60), whereupon multi encoding of multiple channels in a PC is possible. It was designed for sophisticated professional video applications (in the complete solution as well as Monisys Capture solution).



## **HDM850+ Decoding Card**

VITEC's HDM850+ is the latest addition to the Stradis decoder product line, it supports HEVC decode over 3G-SDI (from SD to 1080p60). Featuring unique frame accurate playback and compatible with HEVC, H.264 and MPEG-2 video standards (HD/SD), HDM850+ is the most advanced and versatile decoder card available on the market.



**Proxsys TC Archiver** VITEC's Proxsys PA with the TC Archiver add-on is a robust single turn-key solution that supports both network and disk exchange to manage and archive NewTek TriCaster media files or sessions. The combination of the browser based user interface, integrated preview generation and player and a powerful database enables an easy and effective workflow and user experience.

# Highlighted VITEC Systems



## **EZ TV: IPTV Video Distribution & OTT**

The EZ TV IPTV system is an advanced complete solution which enables organizations to securely, reliably and reasonable distribute live video, on demand content and video recordings via their networks. EZ TV is the world's most widely used H.264 Enterprise IPTV solution and is used f.e. for TV via IP, corporate communications, video monitoring or replacement for analog cable networks.



## **Monisys ML: 24/7 Media Logging**

Monisys ML series is designed for 24/7 or targeted TV programming for monitoring and recording. The TV program is either transformed by an IP gateway (DVB-T, DVB-C or DVB-S2 reception) or by a streaming encoder into IP video streams, which are then securely stored. A single server records up to 10 SD and 4 HD streams and is easily scalable since all servers are controlled by a single database and user interface (UI).



## **Monisys MR: Video Stream Recorder**

Typical applications are video recordings for training purposes, medical / psychological sessions or the fulfillment of juridical recording/video logging demands. The streams are either generated by IP streaming cameras or by external streaming encoder (f.e. MGW Nano or MGW Premium), while the Android tablet user interface (optional Rich Client Desktop application) offers preview of live or recorded content and Live-PTZ (Pan / Tilt / Zoom) functionality.



## **Proxsys PX: Media Asset Management / Video Archiving**

Proxsys is a system for centralized management and usage of video, audio, graphic and data files via a clear, web based user interface. With the PX series you obtain full access to your most important data from everywhere and always - with maximum data security through comprehensive rights management. Through new product development or integration in existing systems through open interfaces, Proxsys can be precisely adapted to your individual requirements. In addition, Proxsys provides innovations like mobile Apps, mobile VOD or cloud connectivity and distribution.



## **Individual Development**

VITEC places a strong focus on research and development of new, practicable and affordable technology. Therefore VITEC supports you, also as partner for individual development of special solutions - from simple add-on to a complete system. Based on your specifications, or those of your customers, we develop a successful product.



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