

SUPERIOR VIDEO COMPRESSION

Vision4ce (pronounced Vision Force!) Proudly introduces the DCX Video Compression and Storage Solution. This highly customizable solution offers a unique, video compression technology that combines two encoding methodologies—Wavelet Compression and Differential Compression, into a powerful bandwidth optimization tool.

Unprecedented Performance = Lower Costs

The results speak for themselves! DCX offers improved digital performance for video coding inputs that include analog, USB, JPEG, MPEG-4, H264 and H265 video compression standards. This proprietary compression system delivers a measurable advantage over standard codecs. The chart below indicates the value added, nominal reduction percentages attained by applying the DCX video compression system to the most popular video data transfer protocols.

Table 1: Video Size Reductions Using DCX for Different Digital Formats

Source	Initial File Size	After Compression	Nominal Reduction
Analog	6 Mbps	120-150 Kbps	98%
USB	250-300 Kbps	20-60 Kbps	80%
JPEG/MPEG-4	600 Kbps	120-150 Kbps	60%
H265	300 Kbps	64-28 Kbps	40%

DCX Algorithm Security Protection

By integrating the latest privacy network technologies with a unique, proprietary AES-based encryption protocol, DCX ensures that the transmittal and video storage procedures protect the integrity and security of transmitted data. This 'Chain of Custody' security has been granted a US Patent for data integrity.

High Level Compression Connectivity

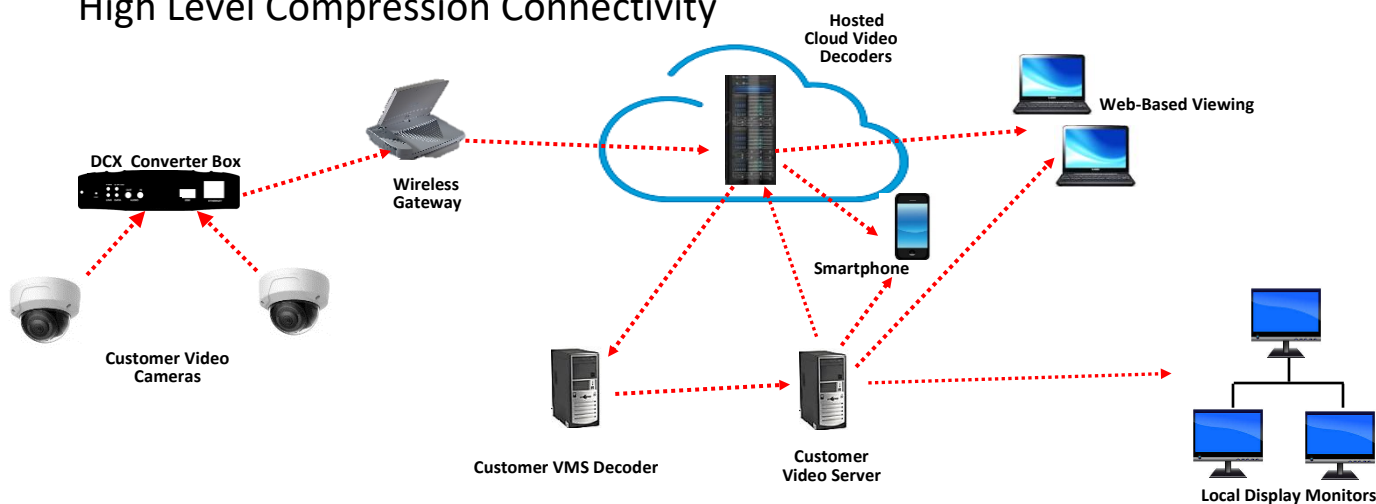


Figure 1: DCX Compression System

SOFTWARE HIGHLIGHTS

- **Video compression ratio:** Supports image sizes from 80 x 60 to 4024 x 4024;
Up to 750 to 1 (lossy); up to 350 to 1 (lossless)
- **Frame rates:** from 1 to 60 fps; up to 256 grayscale support
- **Real-time de-interlacing:** 640 x 480 video
- **Format support:** ISO headers support and user-defined encryption metadata;
Major audio compression all formats
- **Compression ratio control:** Precise with variable rate compression for low bandwidth
or 3G transmission protocols
- **Inline Conversion:** includes dual streaming capability
- **Average frame size:** less than 0.8kb at 30 fps and 320 x 240 pixel

TAKE ADVANTAGE OF THESE PROVEN BENEFITS

- Ease of installation in hosted or private networks
 - Simple integration into popular VMS solutions
- Immediate ROI for cellular and satellite applications
 - Continued ROI in storage costs
- Data Security & Patented 'Chain of Custody' modules included

*SEE HOW THIS EVOLUTIONARY SYSTEM
CAN BENEFIT YOU.*

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