

# Video Compression Solution

Advanced Video, Streaming and Photo Compression Solution



**VNL in partnership with its principals from Canada offers an Advanced Video, Streaming, and Photo Compression solution that can maintain the quality of video & images while reducing bandwidth and storage requirements, resulting in significant cost savings. In addition, this system also removes fine noise & grain generated under low illumination, further improving video & photo quality.**

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The intelligent system automatically determines what portion of the video or image is essential, such as moving objects and people's faces. Thus, the quality of the unimportant sections of the video & image is reduced without compromising the quality of the critical section of the Video & pictures. The solution is preferred by international organizations like the FBI & CBI.

On top of integrating the VNL's smart compression algorithm, the video stream without latency & images from any IP EO/Camera can be compressed, resulting in drastically reducing the storage and bandwidth of the data centre & communication system.

## BENEFITS

- Huge reduction in bandwidth usage and storage
- Cost saving in long term investment
- Scalable
- Work with existing infrastructure
- No latency
- Easy to integrate with facial recognition system

## HIGHLIGHTS

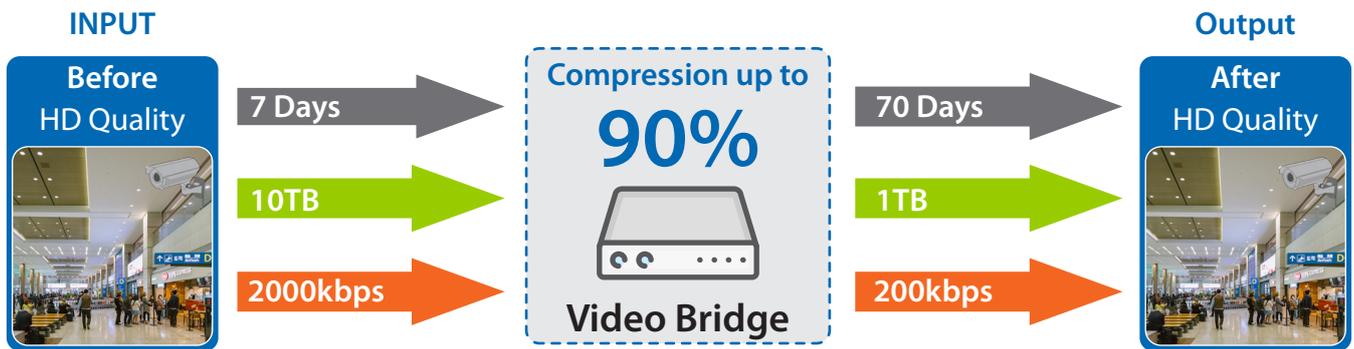
- Compress video, audio, and Recordings
- Up to 90% compression per stream
- Lightweight, portable, compatible
- Reliable video over unstable networks
- Integration with your favourite VMS
- Adaptive technology for low bandwidth
- Centralized model, easy to deploy

## APPLICATION

1. Remote area surveillance
2. Smart city surveillance
3. Large Factories/Establishment
4. Offices infra surveillances
5. Warehouses
6. Critical Infrastructure
7. Homeland security & Surveillances
8. Fleet surveillances

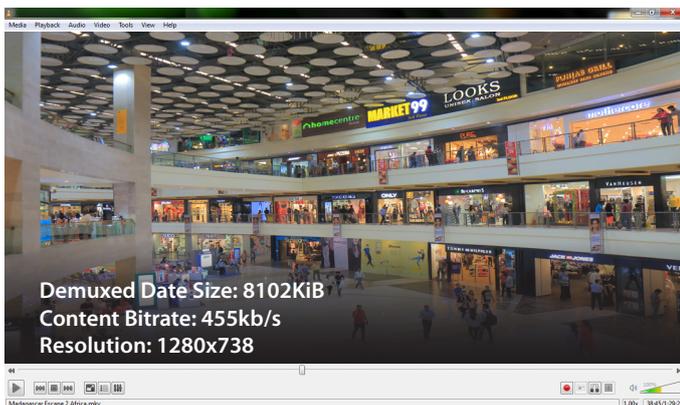
## FEATURES

1. Bandwidth optimisation & cost saving
2. NAS/SAN storage reduction significantly
3. Remote connectivity where bandwidth is limited

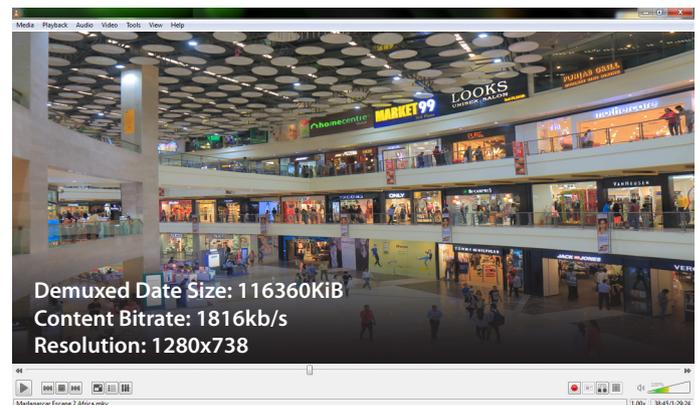


The above example illustrates compression up to 90%, extending **7 days** of recording to **70 days** with only **1TB** of storage capacity needed, compare to **10TB** without compression. The bandwidth required also tremendously reduced from **2000kbps** to **200kbps** due to the unique compression technique.

## COMPARISON - COMPRESSED Vs ORIGINAL



VNL Video & Image Compression Solution reduces bandwidth consumption by up to 90% for live video streams and huge saving in storage capacity.



VNL Video & Image Compression Solution supports most brands of cameras and video formats such as 4K (UHDTV), 1080p (HDTV), MJPEG, H.264, H.265

For further information visit our website [www.vnl.in](http://www.vnl.in)



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