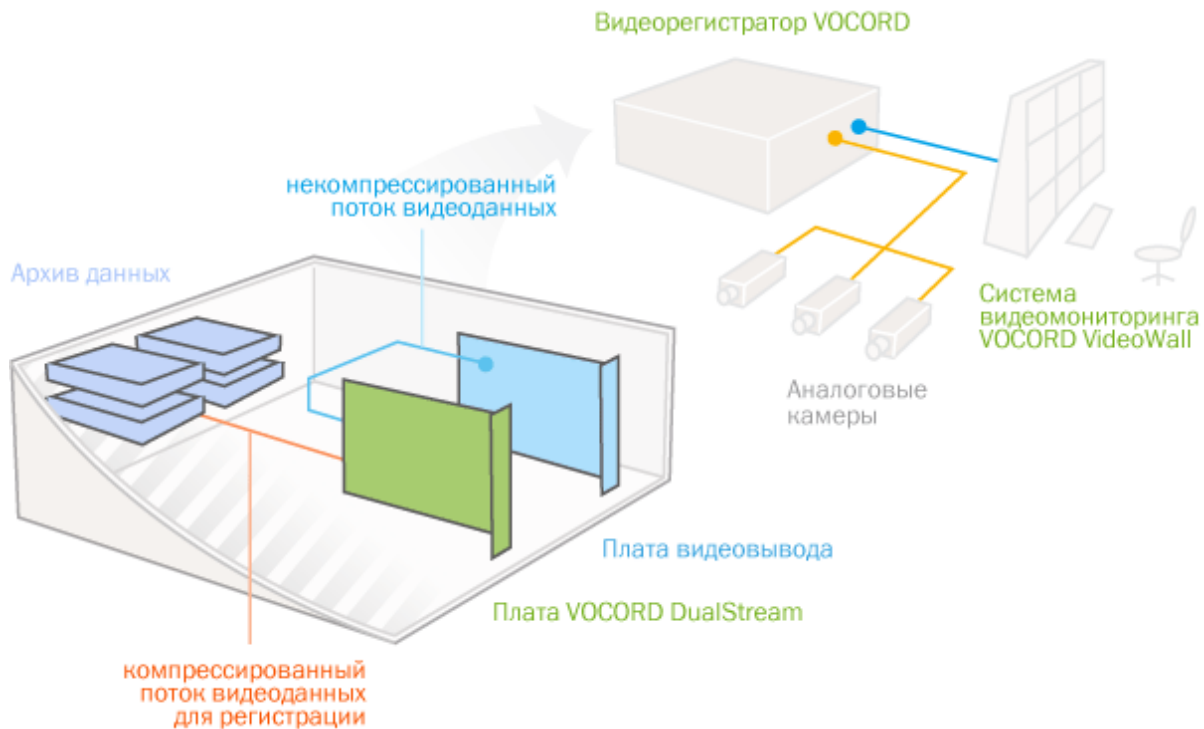


## DualStream

The technology for paralleling video streams from multiple channels

Using uncompressed video streams for monitoring and analysis improves quality of video surveillance systems.

Implementation of intelligent data analysis is critical for digital security systems. Video compression generates image artifacts and additional noise. To ensure high-quality work of identification and video analysis modules in real time, an uncompressed video data stream is required.



The DualStream technology by Vocord allows sending both compressed and uncompressed data streams from each input channel to video processing boards. These video streams are used in the following ways:

1. The uncompressed stream is intended for video analysis, which includes automatic identification of faces and vehicle registration numbers, use of motion and appearing/disappearing object detectors, and so on. It is also used for viewing video in real time.
2. The compressed stream is used for recording data to the archive and for sending data through the network.

A video surveillance system based on VOCORD DualStream boards features perfect image quality suitable for intelligent video processing and high performance achieved by hardware video compression.