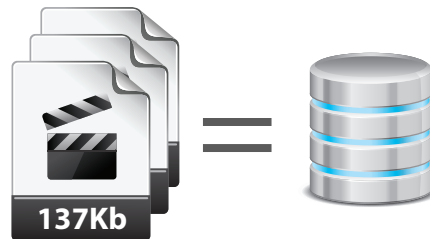# Substream Motion Detection

Hard drive storage has become a premium as video storage requirements constantly increase due to PCI requirements and the transition from analog to multi-megapixel IP cameras. 3xLOGIC has been at the forefront of storage and bandwidth management for over 15 years, continuing to innovate with leading edge technology such as Substream Motion Detection (SMD). This new advanced video processing module can be unlocked in VIGIL 9.0 and greater, allowing VIGIL users to store more days of video on the same amount of hard drive space using our new advanced capture technology. A licensed feature, SMD users can experience the full, file size reducing capabilities of variable GOP size technologies such as Zipstream and H.264+. Smaller file sizes translate into more than just reduced hard drive storage requirements. With SMD, investigators can more quickly review cases remotely with shorter video transfer times, and decrease network bandwidth by moving smaller files.

Features

- **Decreased storage requirements** – future proof your investment against new, multi-megapixel cameras and new PCI requirements.

- **Camera agnostic** – Record more video with the same amount of storage, no matter the camera manufacturer.

- **Decreased bandwidth requirements** – Ease network demand by transferring smaller files.

- **Increased review efficiency** – Remotely view video faster due to smaller file sizes.

- **No impact to video quality** – Video quality is untouched.

Without Substream Motion Detection

137Kb

With Substream Motion Detection
More Video, Smaller Size, Unchanged Quality, No compression

37Kb   37Kb
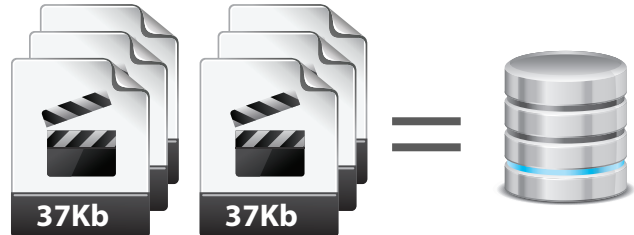
Minimum System Requirements

VIGIL Server:	9.0 or Greater

Part Number

VS-SMD:	Substream Motion Detection License