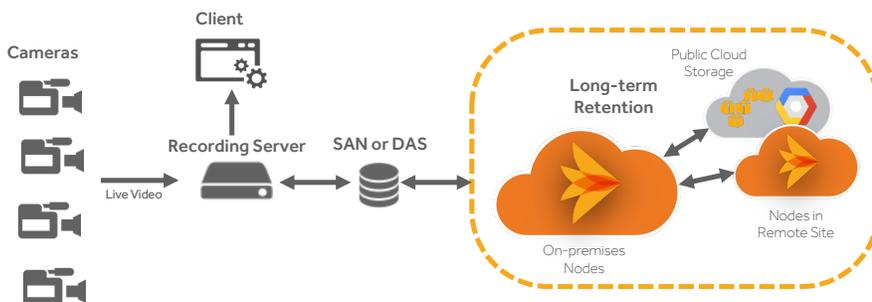**SwiftStack**

Surveillance Data Repository

Multi-region scale-out storage for long term retention surveillance data

The use of video surveillance for security and analytics is growly significantly and rapidly in businesses across the world. Cameras that are being deployed by businesses today have higher resolution and support higher frame rates. This means that each camera will be sending ever increasing amount of data to be recorded. In addition, as the importance of video surveillance increase for security, analytics or other reasons, businesses are deploying more cameras than before, and have requirements to increase their retention period of their video surveillance data.

The increased resolution, frame rates, and retention time is putting tremendous pressure organizations storage capabilities. Their current conventional storage systems are no longer able to meet

HIGHLIGHTS

- **VMS data repository:** SwiftStack provides a scalable SMB archive target for Milestone XProtect VMS using File Access

- **Scalable :** SwiftStack can support 65-70 cameras per SMB share at an average resolution of 1280x720 and 30 frames per sec.

- **Throughput:** Sustained write throughput of 60-70 MBps for achieved video data to a single SMB share.

- **Multi-Region:** SwiftStack clusters can span multiple data centers in different regions eliminating the need for costly replication or tape

- **High Durability:** Offers data durability surpassing ten 9's

- **Multi-Cloud:** Optionally replicate the data from on-premises to public cloud

- **Flexible and Cost effective:** Runs on industry standard x86 servers

SUPPORTED VERSIONS

- **SwiftStack 6.0 or later**

- **Milestone XProtect Corporate VMS 2017 R3**

SwiftStack addresses these challenges by enabling organizations to build a long term repository for video surveillance data. SwiftStack allows an organization to eliminate silos and seamlessly scale out their capacity, all in a single namespace. In addition, the single namespace can span multiple regions / data centers, creating a offsite copy to ensure durability and availability in the event of any unforeseen outages to the primary location. This eliminates the need to use tape or complex replication. If a remote site is not available, data can also be replicated by policy to Amazon Web Services or Google Cloud Platform. Finally, Swiftstack is software defined storage that runs on standard x86 hardware creating a cost-effective storage cluster.

SwiftStack enables organizations to retain surveillance data long term on-premises or across data centers in the most modern, scalable, and cost-efficient way, while driving out significant capital and operating costs