

Supplementary Products

SVPROXY 2 (SVProxy + SVDistributor)

SVProxy is an intermediary server that is sometimes required to relay video and other data between SerVision video gateways and SerVision client applications running on computers or mobile devices. SVProxy is required for remote viewing and downloading of video in special circumstances where direct network connections between video gateways and clients cannot be established. Normally, this occurs when a router or other firewall prevents clients from connecting to the video gateway. This typically happens when the video gateway connects to the internet via cellular modem, and the cellular carrier does not permit direct external access to the system's cellular modem. It may also be the case when the video gateway is located in a private network.

SVDistributor, housed in the same chassis as the SVProxy, is an intermediary server that reduces networking bottlenecks caused by too many simultaneous stream requests from several clients to one gateway, and/or insufficient bandwidth resources. SVDistributor enables up to 200 high-quality live video streams (actual number depends on configuration and other variables) from a single

SerVision video gateway simultaneously, even when the video gateway transmits the video via cellular modem. SVDistributor may be required when multiple users want to remotely view video from a gateway at the same time without adversely affecting the quality of the other users' video stream.



SVNVR

SVNVR is a powerful system that provides automated backup, storage, and playback of video recorded by SerVision video gateways. It connects to video gateways at fixed intervals, downloads all the video that was recorded by the video gateways since the previous download, and stores it on its large-capacity local disks (3TB standard disk capacity).

SVNVR includes support for wireless networking. In mobile environments, this versatile feature can be used to activate downloading of new video recordings in a WiFi zone whenever a gateway comes within range of the SVNVR unit. For example, if a fleet of buses is outfitted with SerVision MVG gateways, and an SVNVR is set up in the bus yard's WiFi zone, recorded video can automatically be downloaded from the buses whenever they enter the yard.

Advanced SVBackup software offers synchronized playback of downloaded video from multiple cameras connected to a single video gateway. Playback can be initiated either by selecting a start time or by selecting an event from among those that were detected by the system.

