

Keri Systems Video Integration Whitepaper

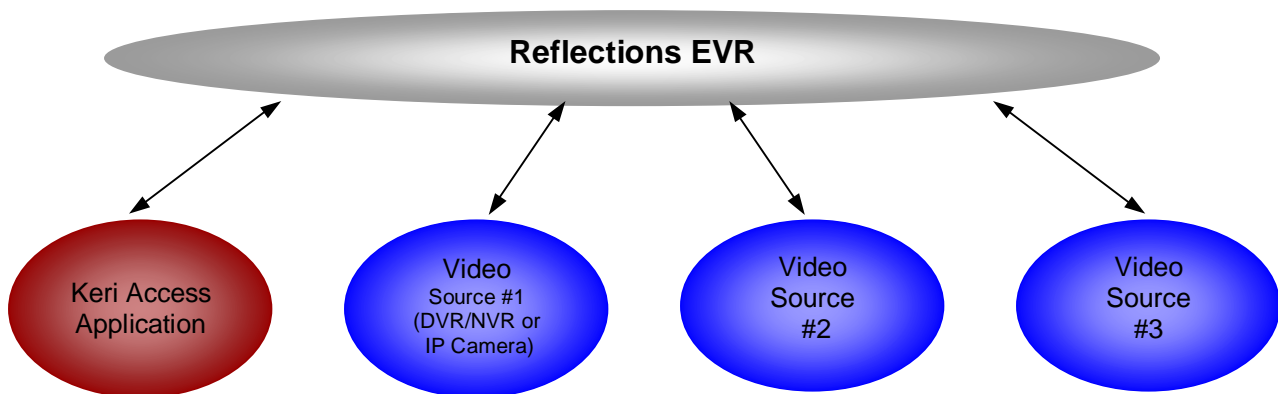
Overview

Most access control providers perform only two functions when integrating video and access:

- 1) Matching historical video clips to access control events, which assumes the time clocks for the access and video systems are in synch
- 2) View live video feeds from cameras

Keri's approach differs in that we have created a separate Client that tightly integrates multiple video sources and/or vendors together with Keri's access control platform into one real time application called **Reflections™ EVR** Event Video Recorder (*patents pending*). Reflections acts as an overlay to both Keri's access and one or more supported video applications or direct sources, integrating data in real time, receiving simultaneous messaging from the access and video platforms, and most importantly for the user, provides a single user interface for both. The system is so flexible; it can even take inputs directly from IP cameras without the need for an NVR or DVR. Reflections provides unmatched performance and features in access + video integration and flexibility.

Architecture



Features (beyond standard viewing and recording mentioned in overview above)

- Ø Record and view live video from multiple video sources with a single uniform user interface even when using solutions from different video vendors
- Ø Drag and drop access control hardware support from within the Reflections Video Software Client
- Ø View door or input status and control doors or outputs from within the individual camera frames in live view mode
- Ø Direct IP camera support (view, record and control) without the need for an NVR or DVR
- Ø Email a snapshot burst notification of designated video events or send an SMS
- Ø Up to 4 monitor live viewing support - single, 2X2, 3X3, 4X4 or 5x5 frame support
- Ø Play video history from within Reflections or the access control Client, even if the DVR/NVR has overwritten them.
- Ø No reliance on time syncing between access and video systems, as Keri links both the access and video data at the time the event transpires using a unique database identifier
- Ø Cardholder photos can pop up on the fly within the video screen on card presentation
- Ø Observation Video allows the user to trigger video recording or snapshot bursts on command

Currently Supported Platforms

Aimetis
Milestone
Panasonic
Axis IP Cameras

In Process Integrations

Arecont Vision
Vivotek
EverFocus
OpenEye
Toshiba
Hikvision
Onssi