



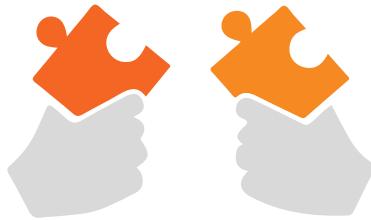
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A/V CAPTURE FOR SIMULATION

Critical considerations when selecting video observation and recording systems for implementation in simulation suites, labs, and training programs.

SIMULATION SPECIFIC VS ENTERPRISE WIDE

When designing new or updating existing AV systems for simulation capture, there are no shortage of vendors and manufacturers to evaluate. Given the immense amount of technology and options that go into these facilities many video vendors market solutions solely to this vertical. That narrow focus can cause potential problems. Solutions designed specifically as an enterprise wide platform can solve many of those problems.



PROBLEMS + RISKS

Simulation specific vendor may lack enterprise-friendly features or cost synergies

Total Cost of Ownership

Simulation specific solutions are backed by high cost annual maintenance and support contracts. Software license agreements often feature subscription models or recurring costs that can increase year over year or grow with the number of users or clients needing access to system. It is critical to calculate TCO over the entire system life cycle.

Disparate Infrastructure

Many vendors require proprietary capture hardware or dedicated PC's for every room or camera. This technology will not conform to existing IT standards and introduce additional points of failure. This can drastically increase support costs and security vulnerabilities.

Short Life Cycles

Consumer grade and proprietary hardware often needs replacing faster than centralized solutions designed specifically for enterprise wide deployment. As the technology footprint increases more dollars need to be allocated for hardware upgrades over the entire life of the solution.

POTENTIAL SELECTION CRITERIA



Support

Isolated, propriety systems can be difficult and costly to support – often requiring a full time employee to administrator.



Latency and Delivery

Does the vendor rely on antiquated/outgoing video delivery engines (flash) or require dedicated client software that must be installed on every workstation? Either can increase latency (video delay from live) and costs.



User Authentication

Can the system integrate easily and without additional cost to existing user management and authentication systems (LDAP or SSO).



User Management + Security

Does the application feature robust role-based permissions to secure and segment features and assets?



Ease of Use

The user interface must be intuitive allowing for quick adoption with minimal training.



Scale

If the same platform can be leveraged to deliver video capture and observation to multiple departments, considerable cost savings and organizational synergies are created.

VALT

VIDEO AUDIO LEARNING TOOL



VALT from Intelligent Video Solutions can help simulation programs avoid potential issues, risks, and increasing costs while providing an easy to use but powerful video platform to an unlimited number of departments and users in the organization.



A Versatile Video Platform

VALT can be deployed in any organization looking to improve training, education, and research with video. Simple enough for a one room system. Powerful enough to manage cameras in every building on an entire campus. Yet, secure enough to deliver a unique experience across many customized applications and different programs on a single platform.

WHY VALT?

VALT can centrally manage the highest number of cameras with less hardware at the lowest TCO in the industry.

Standardized Hardware

VALT leverages industry standard IP cameras, audio capture and open architecture video appliances. While supporting 50 cameras per appliance, audio is terminated at the camera making adds/moves/changes very simple and cost effective.

Lower Total Costs of Ownership

With VALT, departments can leverage shared infrastructure and licensing agreements which reduces acquisition and ongoing support and maintenance costs over the solution lifecycle.

Multi-layer Security for Best Practice Implementations

VALT provides numerous technologies to help secure critical data. These technologies include: full encryption of video, LDAP Integration, extensive user permissions which restrict users access to content and application features, access control, containers which isolate and separate departments/schools, and a robust audit tracking log.

Proven Video Observation and Recording Success

VALT has been deployed globally in many different AV recording use cases. VALT development and feature roadmap has been driven by user feedback and requests. Whatever your application might be, there are success stories and satisfied end users that can be referenced.



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