



# OBSERVATION ROOMS | USABILITY LABS

Record and review user interaction and training scenarios

## THE CHALLENGE

Usability labs, training rooms and observations suites are now widely used for consumer product testing, psychological analysis and education. They enable students, supervisors and analysts to monitor responses in real-time, even down to facial reactions and subtle body language.

With high quality, unobstrusive equipment, multiple cameras can be remotely and efficiently operated by one person, allowing the team to capture every angle. Broadcast standard, they operate in all lighting levels to give detail and to provide a reliable and faithful recording.

Observation room systems need to offer supervisors the ability to review all cameras instantly (typically in an adjoining room or securely over the Internet), control camera positions in real-time and to record each camera for post-session analysis.

Finally, the captured files should be in a format that can be easily edited, annotated, archived and shared. From camera to recording, sharing and editing, it's important to work with a partner that understands digital media workflows.

## THE SOLUTION

Observation rooms are often operated by subject experts, rather than technical or media specialists. Equipment must therefore be selected that is easy to install, maintain, manage and operate.



Lumens PTZ cameras can easily adjust their shooting angle and zoom



Panasonic PTZ cameras can be upgraded for facial tracking



Datavideo BC-50 is a discreet HD camera with great picture quality



Datavideo NVS-40 records, streams and previews 4 cameras

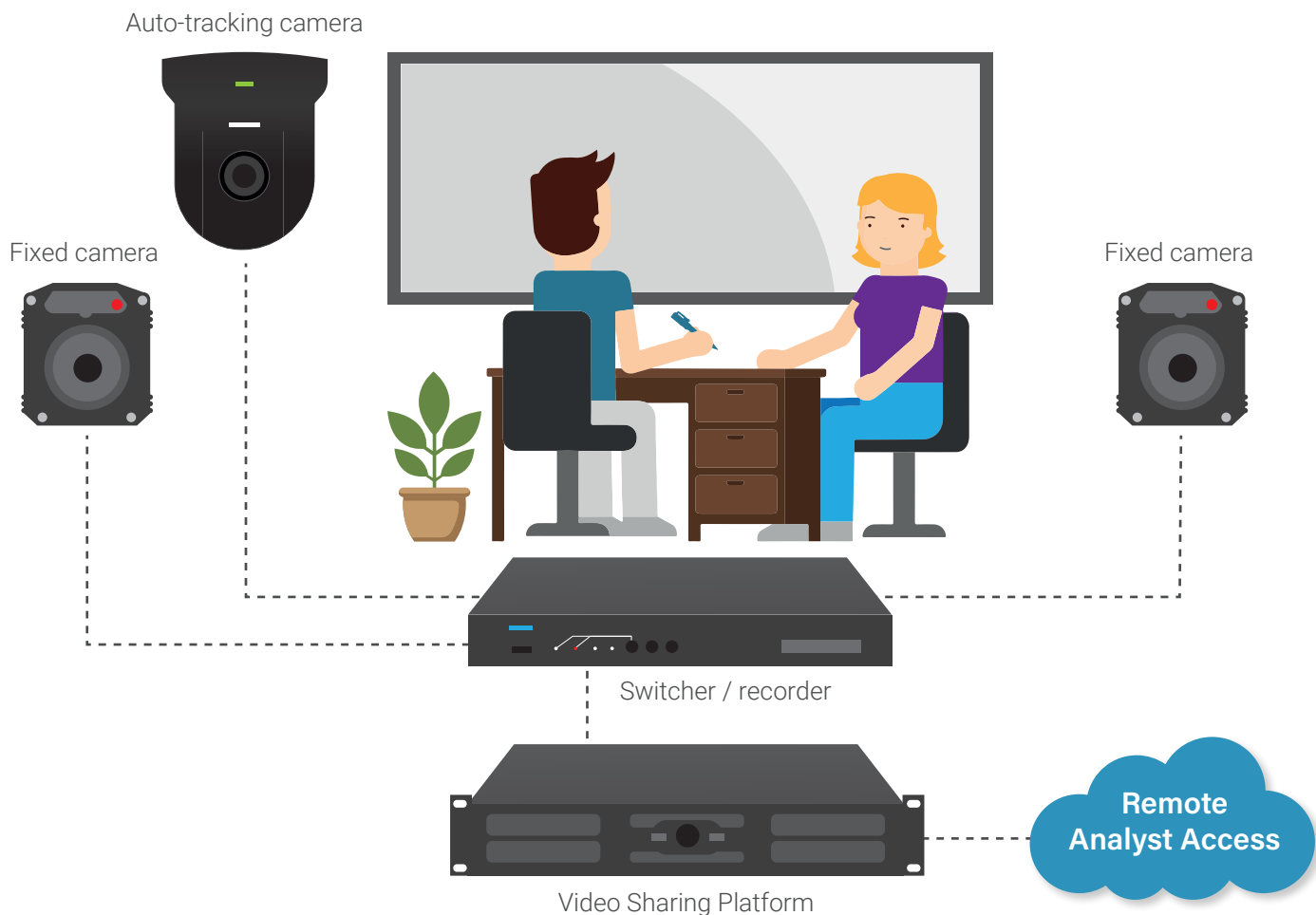


Record and stream many cameras simultaneously with Datavideo's DVS-200 solution



Epiphan Pearl 2 is a 6-input recorder and streamer with a touchscreen interface

## THE WORKFLOW



## THE INSTALLATION

Most spaces used for observation and usability labs are built within existing facilities or buildings. Because of this, the disruption of running cables around and between rooms can be a sensitive issue. We work with resellers and integrators to specify technology that can run on dedicated AV cabling, or 'piggy-back' existing network infrastructures.

Recommended cameras are designed to blend into rooms in order to avoid influencing user interactions. Despite this, they are capable of delivering excellent images.

## THE OUTCOME

The key to a successful installation is the near invisibility of the cameras and the absence of intimidating AV equipment from the test suite itself. Secondly, the recording, monitoring and streaming technology must be suitable for all levels of operators.

A successful installation puts the participants at ease and gives the operator the confidence to manage multiple camera inputs, whatever their level of training. With high quality equipment, analysts will be able to observe, monitor and track every user response, however nuanced.



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