

# AVfusion Recording System

## Specification Sheet

### AVFUSION DESCRIPTION

AVfusion is a network based solution that easily supports multiple interview rooms recording at the same time. It is extremely easy to use and users can start and stop recordings with the push of a button or a click of a mouse. It records and provides synchronized high definition audio/video using high quality IP cameras.

It is designed to easily monitor live interviews or search recorded sessions using robust search features. These search features include leveraging the easy bookmarking and event annotation features provide by AVfusion. These bookmarking features significantly improve video cataloging and reduce search time. This is accomplished by AVfusion's ability to easily insert and label key events. The workstation software can be used locally or anywhere an appropriate connection is available.

The user interface makes it easy to select a room, enter the session details such as case number, subject and interviewer and start recording. Recordings can also be started by pressing the button on a switch mounted outside the interview room or at the workstation.

Sessions notes can be added as needed and video bookmarks make searches even faster and more convenient. These bookmarks can also be added by either a hand-held fob or at the workstation.

Bookmarks created during the interview using the hand-held fob can have notes easily added post-interview.



Archived videos can be easily searched and located by:

- Date/Room/Keywords
- Case number
- Primary Interviewer
- Secondary Interviewer
- Subject/Interviewee
- Description of Interview

Once a video has been found, additional notes or bookmarks can added as needed. Videos can then be burned to DVD or exported as MP4 files. The exported video typically provides the synchronized view of all the video cameras in the interview room.

### SPECIFICATIONS

#### General Information

Bundled solution, integrated and tested.	Yes
Includes AVfusion server	Yes - selection based on number of rooms and storage requirements.
Number of interview rooms supported	*Unlimited
View live and recorded videos from anywhere with secure network access	Yes
Record multiple rooms simultaneously	Yes
Robust Network Options	Yes - Including Dual NIC Server for Local Network, WAN and Remote Access

Install into existing network      Yes - or add network components as options.

#### Workstations

Option to use existing PCs?	*Yes- or optionally add to your bundle as needed
Licensing cost included on the bundle?	Yes
Secure Access	Yes -Uses network authentication
Remote Options	Yes - Using appropriate LAN/WAN connection
Secure Video and Audio authentication?	Yes - Secure Hash Algorithm (SHA1) applied to video and audio for authentication
Full screen view mode for each camera view	Yes

\*Based on using the appropriate PC, server and networking hardware.

## SPECIFICATIONS

### Interview Room

Supports multiple synchronized HD cameras?	Yes
Supports covert and overt cameras options	Yes
Includes Start/Stop recording wall mounted button?	Yes
Includes wireless key fob	Yes
Includes two HD cameras for each room	Yes
Includes ceiling microphone with preamp	Yes
Includes stereo audio cables	Yes

### Interview Room Cameras

True HD?	Yes
Video resolution quality	1280 x 720 & 1920 x 1080
Camera views recorded at equal resolution	Yes
Camera Options	Fixed dome or PTZ
Camera Options	Covert or overt

### Interview Room Audio

Audio sampling	32kHz/64kHz, 16 bits per sample
Recording initiated with one button (wall mounted or remote PC client)	Yes

### Video Recordings

Camera views recorded at equal resolution	Yes
Date & time numbers shown on all videos	Yes
Secure Hash Algorithm (SHA-1) applied to video and audio for authentication	Yes
Recording initiated with one button (wall mounted or remote PC client)	Yes
Video tagged with session details (Case number/incident, interviewer, subject name, etc.)	Yes
Video Bookmarks via wireless key fob	Yes
Record multiple rooms simultaneously	Yes

### Video Retrieval

Secure access permissions are policy based.	Yes - Authenticated and
Search by room	Yes
Search by interviewer	Yes
Search by date range	Yes
Search by subject	Yes
Search by notes or comments	Yes
Insert new bookmarks and notes post-interview	Yes
Search for videos based on tagged criteria	Yes
Full screen view mode for each camera view	Yes
Date & time numbers shown on all videos	Yes
Media export as MP4	Yes
Export to DVD	Yes
Media export as MP4	Yes
Export to DVD	Yes

### AVfusion Storage Estimates

The table below provides estimates on the storage requirements for a few typical system configurations. All the Edge bundles include RAID and a higher performance server than the Pro versions.

As a general guideline, 4TB of storage can hold approximately 750 hours of HD video.

AVfusion Bundle	Configuration	NAS Support	Estimated Storage Hours
Pro 1	1 Room, 4 TB	Option	750
Pro 2	2 Room, 8 TB	Option	1500
Pro 3	3 Room, 12 TB	Option	2000
Edge 1	1 Room, 4TB,RAID1	Included	750
Edge 2	2 Room, 8TB,RAID1	Included	1500
Edge 3	3 Room, 12TB,RAID1	Included	2000



#### ZETRON AMERICAS

PO Box 97004, Redmond, WA USA 98073-9704

(P) +1 425 820 6363

(F) +1 425 820 7031

(E) zetron@zetron.com

#### ZETRON EMEA

27-29 Campbell Court, Bramley, Hampshire RG26 5EG, United Kingdom

(P) +44 1256 880663

(F) +44 1256 880491

(E) uk@zetron.com

#### ZETRON AUSTRALASIA

PO Box 3045, Stafford Mail Centre, Stafford QLD 4053, Australia

(P) +61 7 3856 4888

(F) +61 7 3356 6877

(E) au@zetron.com

©Zetron, Inc. All rights reserved. Zetron® and Zetron and Design® are registered trademarks of Zetron, Inc. All other trademarks are properties of their respective owners.

See Zetron price list for option pricing. Specifications subject to change without notice.

www.zetron.com

005-1458A November 2015