

Login Control

Simple user login process

With quick cam and audio upload configuration functions.

Immediate inclusion into a meeting All users immediately enter a meeting and can see attendee avatars.

Flexible resolution controls for users User settings control the resolution of video broadcasts: HD video quality to 160x120 for low bandwidth users.

All users (attendees) appear as live video avatars. The user can toggle audio or video feeds to control broadcasting and bandwidth.

System Managed Connectivity The audio-video servers maintain user connection during bandwidth fluctuations through bandwidth and quality algorithms.

Intuitive Host Control

Drag and Drop functionality:

- Host actions propagate to all users
- Multi-Video live casting
- Audio only live casting
- White boards
- Screencasting (sharing)
- Stored video playback
- File sharing and display

Attendee video avatars refresh sequentially

The Host simply *drags avatars* to video/audio drop zones for continuous live feed.

Hands Up

Users can put their hands up for contribution to a meeting.

Interactive Chat

For quiet-collaboration

Variable Meeting Type

Enterprise-wide solution

- Variable meeting size
- Multiple Private meetings
- Retrieval and playback
- Searchable meeting content
- HD and lower bandwidth resolutions

Cross industry use

- Corporate meetings
- Classrooms & Training
- Legal discoveries
- Telemedicine
- Medical consults
- University and College
- Conventions and Events
- ESL
- Distance education
- Media events

The Pentagon

- For internal High Definition Video Conferencing

The Globe Configuration

- Emphasis on resolutions suitable for Internet users

Multiple Simultaneous Meetings

The Pentagon and the Globe solution can be used for simultaneous multiple independent meetings. For example, a company or school can run up to 20 or 30 meetings with large groups, simultaneously.

The Break Out Session

Meeting participants can break out into separate & private sub-meetings. The meeting host may create unlimited sub meetings.

Archiving, search and playback

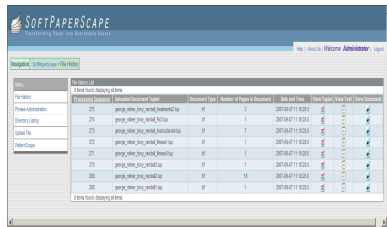
Search and retrieve large archives of video meetings and related documents. Create storage repositories for every department and user group. Playback precise moments within a meeting by using search and snippet replay.

Video/audio conversion with search

The system converts voice channels and dictations into searchable documents with original voice and video file playback. A long voice or video file can be played in small snippets based on precise location searching.

Professional analysis and lookup

The KS family of products stores information regardless of record format. KS technology transforms existing paper, voice, and video files into searchable assets.



SoftPaperScape with voice and video transcription

- Browser access of recent and long term archives
- Search system for finding text documents, audio records and video snippets
- "for your eyes only" restricted search features.



Multiple Indicators, simultaneously searched

Users can search for multiple indicators in the content of documents and video files, resulting in precise information and video finds.

Search details

PatternScope is a pattern profiling search technology in which information is mapped and clustered according to indicators.

Search results are clustered, and are easy to navigate regardless of the complexity and volume of documents and videos being searched.

Technology: system requirements for VideoShape and KS products, and its users:

Users: Conventional web browsers and personal systems

VideoShape servers and users:

- **Data Centers and Servers:**
 1. Linux with quad core processors
 2. 32 Gigabyte ram
 3. 3 Terabyte Raid hard drives
 4. 10 - 100 Mbps Internet connectivity
 5. CDN connectivity for multicast enhancement
- **Meeting Host and Lecturer:**
 1. Preference on quad core laptops (systems)
 2. Quality web cam
 3. 4-8 Gigabyte ram
 4. 200 Gigabyte hard drives
 5. Reliable broad band Internet connectivity (up/down: 1-3Mbps/3Mbps minimum)
- **Internet Globe Users:**
 1. Preference on dual core laptops (systems)
 2. Quality web cam
 3. Minimum 2.4 GHz single core processors
 4. 1-2 Gigabyte ram
 5. Reliable broad band Internet connectivity (up/down: 1Mbps /3Mbps)
- **Pentagon Users:**
 1. Quad core work stations or laptops
 2. Web cam or HD camera
 3. 8 Gigabyte ram
 4. 500 Gigabyte hard drives
 5. 1Gbps Intranet connectivity
 6. High-speed intranet switches and routers.

KnowledgeShape Archiving & Search Systems:

- **Core Host Servers:**
 1. Linux quad core processors
 2. 16-32 Gigabyte DDR ram
 3. 3 Terabyte Raid hard drives
 4. 2 - 10 Mbps Internet connectivity
- **Users:**
 5. Single core laptops (systems)
 6. 1 Gigabyte ram
 7. 200 Gigabyte hard drives
 8. Reliable broad band Internet connectivity (up/down: 1Mbps/3Mbps)

KnowledgeShape and VideoShape Portals

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