SALIENT SYSTEMS

OVERVIEW

- Enterprise Level Multi Server System
- Unlimited Users
- Unlimited System-wide Cameras
- Active Directory/LDAP support
- Royalty Free API
- Available as software only or on a variety of PC hardware platforms

SINGLE SEAT ADMINISTRATION

- Administer all servers from a central administration application
- Push updates to any/all servers simultaneously
- Copy or move cameras between servers
- Move licenses between servers
- Replicate server configuration
- Configure users & groups

VIDEO CLIENT

- Customize unlimited viewing layouts
- Simultaneous record, playback, live view and export
- Display up to 64 cameras per monitor for live view simultaneously
- Adjust display size of each camera individually
- Full screen mode
- Multi monitor/video wall support
- Change view layouts by dragging and dropping cameras available from any server
- 4x3 and 16x9 monitor aspect ratio support
- Limit access to cameras based on login
- Adjust frame rate individually for each camera
- Motion, event and recording status color indicators display on camera title
- Event notification by email
- Control Pan Tilt and Zoom (PTZ) cameras
    - on screen buttons, virtual joystick or USB attached joystick
- Control PTZ speed
- Enable/disable preset position tours
- Control : Iris, Focus Auto Iris and Auto Focus manually
- Automated Attendant
- Access preset positions
- Quick review buffers video from all cameras for instant replay (30 second to 10 minutes)

SINGLE CAMERA PLAYBACK

- Playback clips from any camera/any server
- Search by date/time & smart search
- Clips are color coded to indicate motion, event or scheduled recording
- Playback controls include, play, pause, rewind, fast-forward, frame advance, frame reverse, next clip, previous clip
- Playback adjustment up to 400% of original speed

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SINGLE CAMERA PLAYBACK *CONTINUED…*

- Export to CD/DVD directly from client
- Take a snapshot, digitally zoom, save, print etc.
- Export to file
- Exported video is marked with an electronic watermark for tamper evident video export
- AVI with executable player verifies no tampering has occurred

MULTI CAMERA PLAYBACK

- Playback video from up to four cameras simultaneously/any server
- Cameras can be selected from any server
- Color coded motion histogram shows when and what type of recordings are available from each camera
- Playback controls include, play, pause, rewind, fast-forward, frame advance, frame reverse, next clip, previous clip
- Playback speed adjustment up to 400% of original speed
- Export to CD/DVD directly from client
- Take a snapshot, digitally zoom, save, print etc.
- Export to file
- Exported video is marked with an electronic watermark for tamper evident video export
- AVI with executable player verifies no tampering has occurred

SMART SEARCH

- Search for motion in defined area
- Define multiple motion zones for searching
- Set low, medium or high level of motion
- Specify date/time range
- Matching video clips become instantly available to view while search is ongoing

MAPPING CLIENT

- Import unlimited maps
- Maps can be hyperlinked. Hyperlink maps to unlimited levels
- Multiple Monitor Support
- Import any JPEG or Bitmap file as a map
- Drag and drop cameras on the map to position them for the operators view
- On mouseover when placing cameras on the map a snapshot from the camera displays immediately for easy camera placement
- Draw a field-of-view cone to represent the cameras field of view
- On mouseover of a camera icon, live view from camera displays (doubleclick for a full resolution pop-up window)
- Control PTZ cameras:
    - PTZ buttons, Joystick control, access to presets, focus & iris controls

WEB CLIENT *CONTINUED…*

MAPPING CLIENT *CONTINUED…*

- Right click on camera for Quick Review , Live View or Search Video
- Field-of-view cones change color to indicate camera status
- Navigate maps, by clicking map icons in the current map or navigate in the tree view
- Map controls include zoom in, zoom out, show/hide camera labels & scale to fit
- Add cameras to the map which are connected to any server in the system

WEB CLIENT

- Complete HTTP based web client for live view and playback of recorded video
- Configure live view layouts up to 16 cameras
- Drag and drop cameras from tree view to populate layout
- Up to 4 separately configured layouts from 1 camera to a 4x4 layout
- Dynamically scale image size
- Adjust frame rate on the fly
- Playback recorded video.
- Playback clips from any camera/any server
- Search by date/time
- Clips are color coded to indicate motion, event or scheduled recording
- Playback controls include, play, pause, rewind, fast-forward, frame advance, frame reverse, next clip, previous clip
- Playback speed adjustment up to 400% of original speed
- Take a snapshot

ALARM CLIENT

- Cameras only display on motion or alarm/event
- Add unlimited cameras from any or multiple servers in the system
- Schedule cameras to show in the alarm client
- Schedule only motion events, only alarm events, both or none
- Event history list for quick review and playback
- Full camera control available for live video including PTZ control

VIDEO EXPORT QUEUE

- Add unlimited clips to the Queue for export
- Add a clip to the Queue then change screen/cameras to continue an investigation without losing track of the clip
- Burn clips directly to CD/DVD from client application, without 3rd party software
- AVI with executable player verifies no tampering has occurred

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DYNAMIC RESOLUTION SCALING

- In the normal view layout the client application pulls a resolution closest to the video display size, so network bandwidth consumption is kept to a minimum (does not affect recording resolution)
- Double click on any camera for full screen display at highest available camera resolution

RECORDING

- Unlimited recording capability (limited only by available storage)
- Record each camera in the system to the same or separate volumes
- Supports JBOD, RAID, UNC path, iSCSI, SAN & NAS
- Mark volumes as read only for archiving
- Works with many standard backup program for archiving of video data (use existing IT approved backup software)
- Built-in archiving capable of archiving video on a administrator defined schedule. Archiving of specific recording types is configuration (Motion, Schedule recording or Alarm recordings)

RECORDING *CONTINUED…*

- Record to MJPEG, Microsoft MPEG4, ISO MPEG4, H.264
- Record native camera format or transcode video to any supported format
- Record resolutions up to 11 mega pixel per camera
- 4x3 and 16x9 aspect ratio support
- Record based on event, motion or schedule
- Set separate schedules on a per camera basis
- Separate event/motion setting per camera
- Motion detection can be configured with variable levels of sensitivity
- Motion detection can be configured with multiple detection windows in the field of view