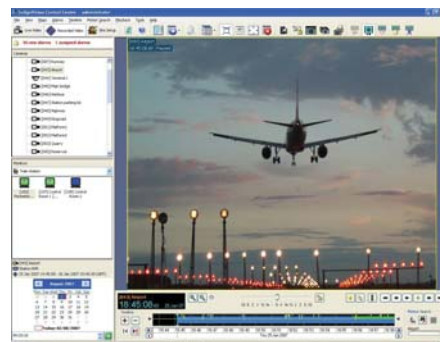


Windows Network Video Recorder

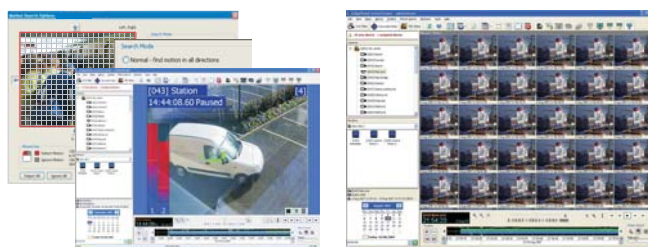
Powerful and integrated recording and playback system for video and audio from transmitters and receivers.

IndigoVision offers a suite of Network Video Recorders (NVRs) to suit your requirements. Our Windows Network Video Recorder is a Windows service that runs on a PC and records and manages live video recordings. In conjunction with Control Center, IndigoVision's CCTV management application, it provides a powerful and integrated recording and playback system for video and audio from IndigoVision's range of IP Cameras and Transmitters.

IndigoVision NVRs can be located at any point on a network allowing recording and playback across multiple sites regardless of location. A system can deploy as many NVRs as required.



Control Center provides a set of powerful tools for reviewing recorded footage from IndigoVision Windows NVRs and for quickly identifying vital evidence.



As well as recording full frame rate, full resolution video and audio, Windows NVRs allow Control Center to perform high speed post-recording analysis such as motion search, thumbnail displays, alarm logging and bookmark logging.

- Record and playback MPEG-4 and H.264 video and audio streams
- Full frame rate recording of up to 200 cameras with simultaneous playback of up to 25 streams
- Supports local disk, RAID Array, SCSI, iSCSI, Fibre Channel and NAS storage
- Automatically manages all recorded data

Specifications

Features

| | |
|------------------------------|---|
| Supported Operating Systems | Windows Server 2003 x64, Windows Server 2003, Windows XP Professional |
| Video | Simultaneously record and playback full frame rate, full resolution video streams from any IndigoVision H.264, MPEG-4 or H.261 IP Camera or Transmitter |
| Audio | Lip-synchronised recording and playback of MPEG-4 audio |
| Thumbnails | Indexed recordings for rapid display of time, alarm or motion based thumbnails |
| Alarms | Recording and logging of alarms in association with recordings |
| Bookmarks | Recording and logging of bookmarks in association with recordings |
| Analytics | Recording and playback of motion analysis data optionally produced by IndigoVision transmitters |
| Storage Systems Supported | Local disk, RAID Array, NAS, SAN, iSCSI, SCSI |
| Licensing | License dongles available from 1 to 200 recording streams per Windows NVR instance |
| Redundancy and Failover | Supports sophisticated failover and mirroring strategies amongst multiple NVRs for increased resilience |
| Automatic Storage Management | Policy based management options to control space and/or time based reaping of old recordings |
| Security | Recordings can be protected to prevent deletion and exported including secure watermark to prevent evidence tampering |
| Performance | Simultaneous record up to 200 video streams plus playback of up to 25 streams |

NVR PC Hardware Requirements

Your NVR PC should conform to the following hardware specifications, depending on the number of streams you intend to record:

| Number of 1Mbps recording streams | Network Card | Hard Disk Type | CPU Power Required | OS |
|-----------------------------------|--------------|-------------------------|---------------------------|-------------------------|
| 16 | 100Base-T | SATA (Min 1 disk) | Intel Pentium 4 1.4Ghz | Windows XP Professional |
| 32 | 1000Base-T | SATA RAID (Min 4 disks) | Intel Pentium 4 1.4Ghz | Windows Server 2003 |
| 100 | 1000Base-T | SATA RAID (Min 4 disks) | Intel Xeon 5140 Dual Core | Windows Server 2003 x64 |
| 200 | 1000Base-T | SATA RAID (Min 8 disks) | Intel Xeon 5140 Dual Core | Windows Server 2003 x64 |

The NVR PC should be a server class machine with a minimum of 512MB DDR2-400/533 RAM and 40GB local system disk space.