BOSCH
Invented for life

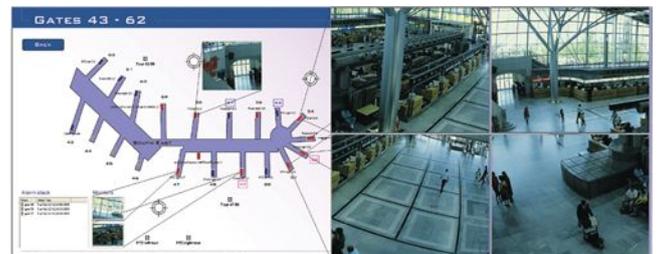# VIDOS Video Management System

- ▶ All-in-one video management centre solution
- ▶ Site-map based user interface
- ▶ CCTV virtual matrix management
- ▶ Analog monitor support
- ▶ Database-driven system management
- ▶ Extensive alarm handling
- ▶ Sophisticated playback features including trick replay functions
- ▶ Automated guard tours
- ▶ VIDOS-NVR compatible
- ▶ Automation interface for VIDOS management from control systems

VIDOS Installation Package

This installation provides a powerful and fully customizable video management system. It installs VIDOS, the VIDOS Archive Player & Exporter, the Configuration Manager and the necessary software environment as a 30-day trial version. The installation can then be licensed according to the application's requirements and configured to run as a stand-alone workstation or to work as a client for VIDOS Server. Exporter in VIDOS Archive Player, VIDOS Automation Interface and VIDOS Intuikey Integration require separate licenses.

Together with the other powerful components in the VIDOS Pro Software Suite including VIDOS Lite Viewer and VIDOS Monitor Wall applications, this installation package with VIDOS, VIDOS Archive Player & Exporter and the Configuration Manager is ideally suited to CCTV applications of any scale. Built-in scripting and application programmer's interfaces (APIs), like the Automation Interface to remotely control VIDOS, allow for easy integration with, or the enhancement of existing security solutions.

VIDOS

VIDOS is a unique and powerful video surveillance and alarm management software product that enables security and surveillance professionals to perform sophisticated tasks with ease. Based on the intuitive graphical concept of site-maps, VIDOS puts the operator firmly in control of the world around him.

VIDOS is fully customizable, allowing you to run your CCTV system the way you want to and keeping training down to a minimum. Additionally, CCTV keyboard integration enables the operator to control all devices, alarms and even sitemaps in the same way as controlling a conventional system.
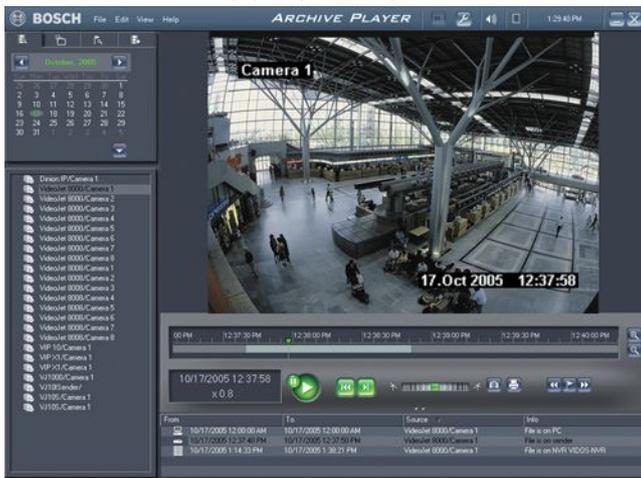
VIDOS integrates with all existing peripheral equipment like dome cameras and analog monitors. With its sophisticated touring and patrolling functions, automatic recording tasks and comprehensive archive

features VIDOS offers functionality and performance unprecedented in CCTV applications.

As part of the VIDOS Pro Software Suite, VIDOS may act as a client in combination with VIDOS Server enabling centralized management and control. This enables an administrator to set different authorization levels for groups of users , which in turn controls VIDOS client privileges for live viewing, PTZ, recording and retrieval. In smaller applications, where only a few users, authorisation levels, privileges and priorities are required, it may act as a full-blown video management system solution in itself, controlling an unlimited number of cameras.

VIDOS is available as software only, supporting 16, 32, 64 or an unlimited number of cameras and monitors. There is also a choice of two pre-configured hardware solutions for easiest and fastest integration.

VIDOS Archive Player & Exporter

VIDOS Archive Player & Exporter, part of the VIDOS Pro Video Management Software Suite, allows operators to very easily search and playback pre-recorded video and events and export them for subsequent use. The software allows operators to replay from any VideoJet, NVR or local hard disc, search for video sequences and bookmarks and simply export sequences
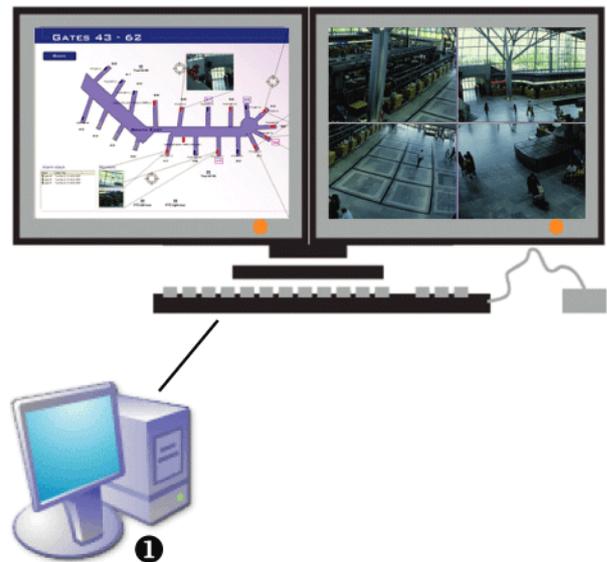

VIDOS Archive Player & Exporter presents a quick and easy to use interface that is designed to accelerate the process of browsing available recordings and uses intuitive time and calendar features to home in on specific events and bookmarks. By instantaneously switching between replay and export screens the search time is further minimized. All search results are tracked in concise lists that can easily be processed for export to other storage media. With the integrated Direct-Burn function, the export files can be directly written to CD (assuming a CD-RW drive is attached).

As part of the VIDOS Pro Software Suite, VIDOS Archive Player & Exporter can be used in combination with VIDOS Server which offers centralized management and control. This enables an administrator to set user privileges, and their right to access cameras and recordings via VIDOS Archive Player & Exporter.

VIDOS Automation Interface

The VIDOS Automation Interface provides remote control and supervision via a socket interface. It resembles a „programmer's style" ASCII string command interface for video and audio switching, to control digital I/O and alarms, to control workspace and for event subscription and delivery. The VIDOS Automation Interface provides two basic mechanisms: one for issuing synchronous commands and one for receiving event information. To ensure authenticity the external controller needs to login with username and password.

Access to the automation interface must be explicitly enabled and is password protectable.
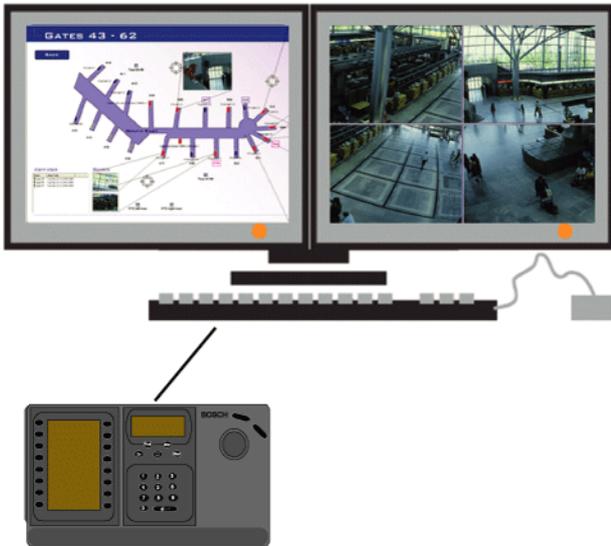

1   External controller

VIDOS IntuiKey Integration

Use the ergonomic advances of the Bosch IntuiKey CCTV keyboard for full control of networked surveillance. Almost all VIDOS functions are accessible without the need for mouse or PC keyboard access of the operator, bringing the traditional matrix input device to a new level of experience.

Ease the migration from the analogue to the digital world by switching cameras and monitors via the keypad. Control the pan, tilt and zoom positions via the

joystick and use the camera menu for accessing all auxiliary AutoDome functions. Direct keys are available for recalling camera presets and acknowledging alarms. Four direct menu keys provide quick access to functions for user authentication, recording and snapshots, sitemap navigation, camera menus and replay control.

The Bosch IntuiKey unique custom programmable softkey feature enables up to six fully programmable softkeys per sitemap for guided map navigation and device control.

Technical Specifications

Minimum System Requirements

Hardware	Personal Computer
CPU	Pentium IV, 3.0 GHz or better
Hard Disk Interface	IDE or better
RAM	256 MB
OS	Windows XP Home/XP Professional
Graphic Card	NVIDIA GeForce 6600 NVIDIA Quadro FX 1400 ATI RADEON X600/X800 or better
Ethernet Card	100 Mb
Sound Card	Recommended
Software	DirectX 9.0c
Free Memory (Installation)	120 MB (.NET environment, VIDOS, VIDOS Archive Player, Configuration Manager)

Software Features

VIDOS

Tree View	User configurable, Explorer style resource tree
Display	Drag and drop connection control
	User definable video windows
	Built-in electronic zoom function
	Simultaneous viewing of several video streams
	Full screen mode viewing
	On-screen or in picture PTZ camera control
	Multiple, user definable workspaces
	Window snap organizer
	Addition of multiple external monitors
	JPEG snapshot overview of all connected devices
Scan Network	Autoscan function over the complete network
	JPEG snapshot overview of all devices
	Remote upload of devices via LAN/WAN
	Scan result copy to a clipboard by one mouse click
Site Map	Built-in site map editor
	Background bitmap graphics
	User definable symbols with programmable functions, e.g. Hyperlinks
	Fully scalable and movable software monitors
	External hardware monitor support
	Automatic camera activation on alarm
Configuration	User groups and privileges
	Device properties
	Device COMs for remote camera control
	Preset camera sequences (Salvos)
Trigger and Alarm	Logical trigger creation
	Scheduler
	Alarm stack log

	Programmable alarm triggered jobs
	Integrated alarm testing
	Action plans for alarm handling
Recording	Recording configuration in encoders
	Simultaneous recording of video, audio and transparent data
	Scheduled and alarm recording
	Ring recording function per camera
	Synchronous playback of multiple cameras
	JPEG snapshot
NVR (option)	Full Network Video Recording functionality and advanced recording features by implementation of VIDOS-NVR modules (see respective data sheet)

VIDOS Archive Player

Tree View	User configurable resource tree
Replay	From VIP/VideoJet devices, NVR and local hard disc
	Calendar and time range search function
	Bookmark setting and search function
	Built-in digital zoom function
	Dynamic timeline
	Trick mode replay
	Full screen mode
	JPEG snapshot with direct print function
Export (option)	Simultaneous export of video and audio of multiple recordings
	Direct burn on CD
Configuration	Through Configuration Manager

Ordering Information

Model | Description

VIDOSPRODEMO VIDOS Pro Demo Package
    VIDOS Pro Trial versions inclusive printed documentation and CD

VIDOS16CH VIDOS 16 Channels
    VIDOS stand-alone license for 16 channels

VIDOS32CH VIDOS 32 channels
    VIDOS stand-alone license for 32 channels

VIDOS64CH VIDOS 64 channels
    VIDOS stand-alone license for 64 channels

VIDOSUNLIM VIDOS unlimited channels
    VIDOS stand-alone license for unlimited no. of channels

VIDOS16CH-5P VIDOS 16 chan. 5-pack
    VIDOS stand-alone license for 16 channels

VIDOS32CH-5P VIDOS 32 chan. 5-pack
    VIDOS stand-alone license for 32 channels

VIDOS64CH-5P VIDOS 64 chan. 5-pack
    VIDOS stand-alone license for 64 channels

VIDOSUNLIM-5P VIDOS unlimited 5-pack
    VIDOS stand-alone license for unlimited no. of channels

Ordering Information

Model | Description

VIDOS16CH-10P VIDOS 16 chan. 10-pack
    VIDOS stand-alone for 16 channels

VIDOS32CH-10P VIDOS 32 chan. 10-pack
    VIDOS stand-alone license for 32 channels

VIDOS64CH-10P VIDOS 64 chan. 10-pack
    VIDOS stand-alone license for 64 channels

VIDOSUNLIM-10P VIDOS unlimited 10-pack
    VIDOS stand-alone license for unlimited no. of channels

VIDOSCL VIDOS Client License
    VIDOS Client License per PC w/o cameras

VIDOSCL-5P VIDOS Client 5-pack
    VIDOS Client License per PC w/o cameras 5-pack

VIDOSCL-10P VIDOS Client 10-pack
    VIDOS Client License per PC w/o cameras 10-pack

VIDOSCL-20P VIDOS Client 20-pack
    VIDOS Client License per PC w/o cameras 20-pack

VIDOSCL-50P VIDOS Client 50-pack
    VIDOS Client License per PC w/o cameras 50-pack

VIDOSAPEXPT VIDOS AP Export Tool
    VIDOS Archive Player License for Export Tool per PC

VIDOSAPEXPT-5P VIDOS AP Export 5-pack
    VIDOS Archive Player License for Export Tool per PC 5-pack

VIDOSAPEXPT-10P VIDOS AP Export 10-pack
    VIDOS Archive Player License for Export Tool per PC 10-pack

VIDOSKBD VIDOS Keyboard License
    VIDOS IntuiKey Keyboard License per keyboard

VIDOSKBD-5P VIDOS KBD License 5-pack
    VIDOS IntuiKey Keyboard License per keyboard 5-pack

VIDOSKBD-10P VIDOS KBD License 10pack
    VIDOS IntuiKey Keyboard License per keyboard 10-pack

VIDOSAUTO VIDOS Automation IF
    VIDOS Automation Interface License per VIDOS PC

VIDOSAUTO-5P VIDOS Autom. IF 5-pack
    VIDOS Automation Interface License per VIDOS PC 5-pack

VIDOSAUTO-10P VIDOS Autom. IF 10-pack
    VIDOS Automation Interface License per VIDOS PC 10-pack