



# vugarde

The **digital** video solution that delivers  
**powerful** yet **straightforward** surveillance

## TDSi Solutions

TDSi protects people, assets and information by providing high quality, cost effective and well supported integrated access control systems.

Our range of integrated security solutions has been developed and backed by nearly 30 years experience and is proven in applications throughout the world. From stand alone door controllers to fully integrated, advanced security management software, we continually develop our product portfolio to meet the ever changing needs of architects, designers, installers and building managers across both public and private sectors.

Our systems are of the highest quality but they are also extremely cost-effective. At a price that delivers outstanding value for money, each system delivers the perfect combination of great functionality and high reliability together with ease of use and simple installation. As specialists focused on the design, manufacture and support of these systems, we also provide unrivalled technical knowledge and outstanding support services.

VUgarde adds a powerful, fully featured and intelligent IP video product to our portfolio. Designed to fully complement our long-established access management products, VUgarde provides you with a complete video management suite that can either be used on its own or fully integrated with our access control software.

## Customer Support

Our pre and post-sales technical support is driven by our commitment to provide you with the very best service. Independent surveys give us high scores in customer support and give you the confidence you have chosen a supplier that can be trusted.

Offering UK-based telephone support and on-site technical engineering service, we are available to support our customers during the design, installation, commissioning and use of our full range of products.

For those customers wishing to expand their knowledge of the TDSi product portfolio, we also offer **FREE training** days which are held in our fully equipped and comfortable training suite at our Poole headquarters. For dates, please contact us or visit the Customer Service area of our website and go to the Product Training pages. This free of charge service is available to all installation companies.

## The worldwide reach of TDSi

With over 20,000 installations across 30 countries, in excess of 1 million users benefit from TDSi's systems every day.



### Market sectors include

- Government
- Education
- Finance
- Healthcare
- Utilities
- Commercial
- Industrial

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# vugarde

## The full power of true client-server architecture

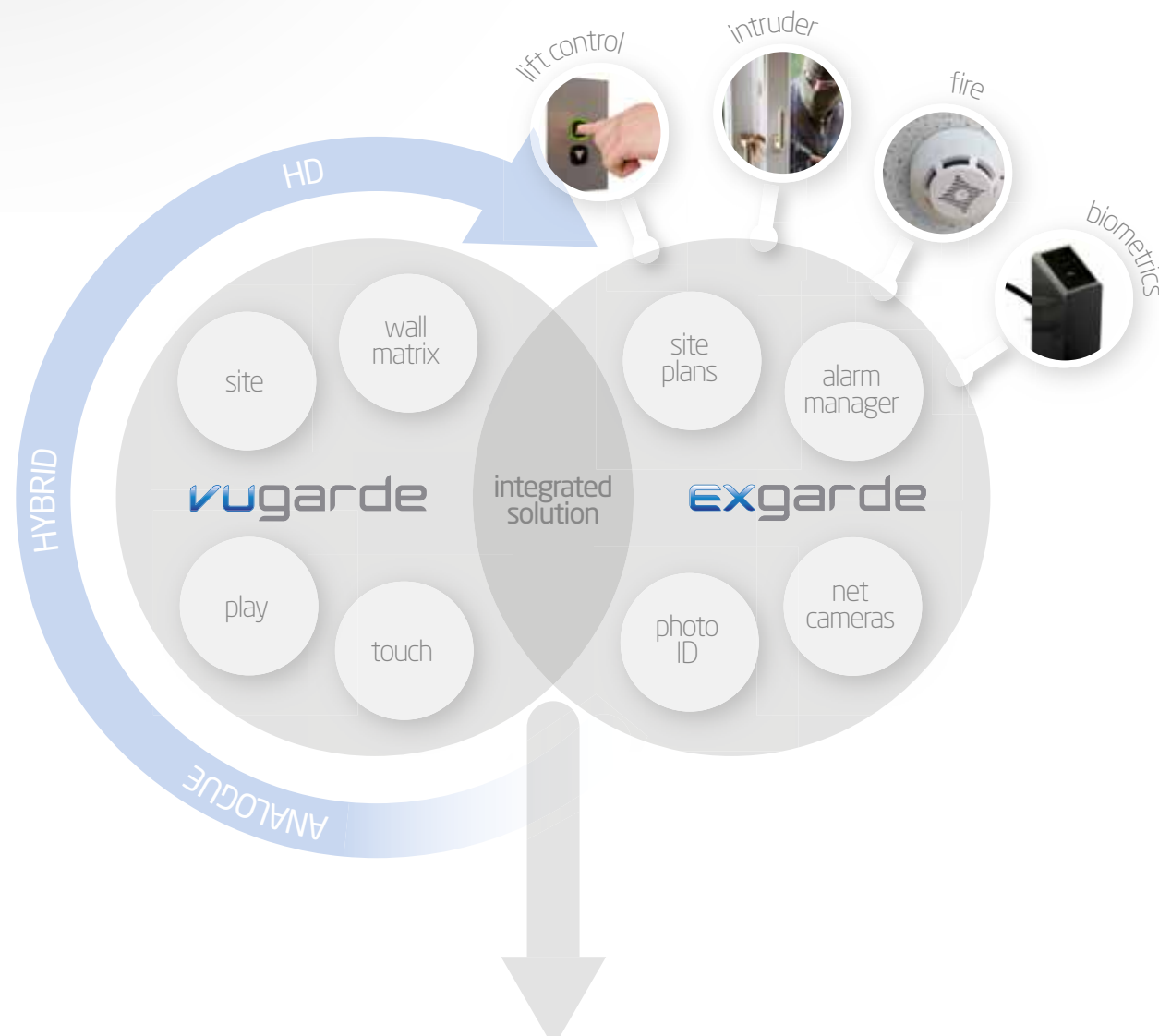
- Continuous system operation with multi-layer failover capability
- Application load balancing through the ability to connect any client to any server
- Multicast support vastly reduces network loads and required bandwidth and increased direct client to camera accessibility





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The complete integrated system



## The Benefits

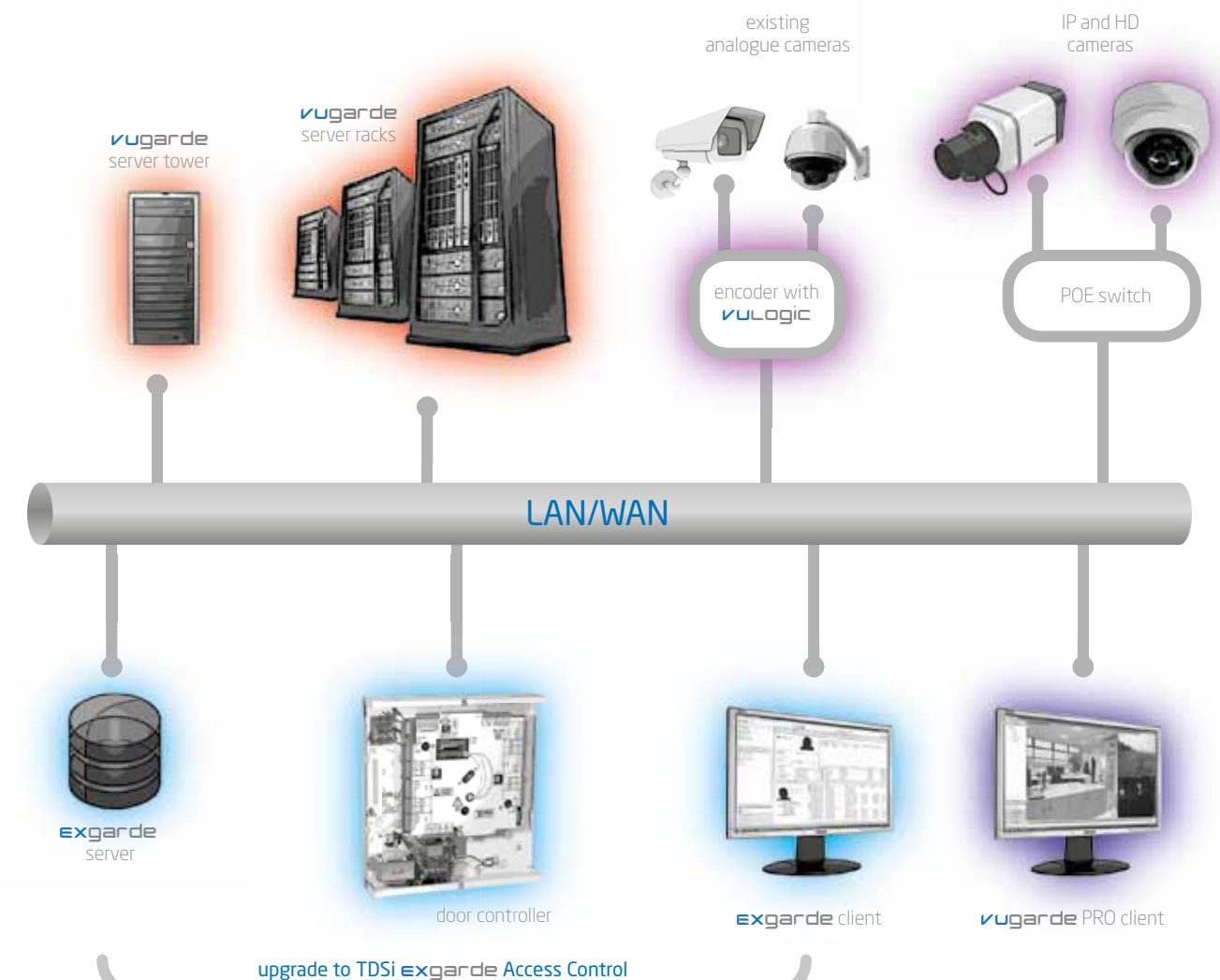
- Tag video footage with specific access control information - allows you to relate footage to access control events for faster retrieval of relevant information
- Include cameras from the VUgarde system on the site plan within the access control software.
- Display live feed from cameras within the EXgarde software
- Track nominated personnel through specific doors and instantly replay the recording associated with that individual
- Trigger and display live feeds on the occurrence of any nominated access control event - providing you with instant visual verification of a situation
- Perform text and time-based searches on VUgarde recordings with full play back, pause, forward and rewind control with EXgarde

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The flexible and modular approach

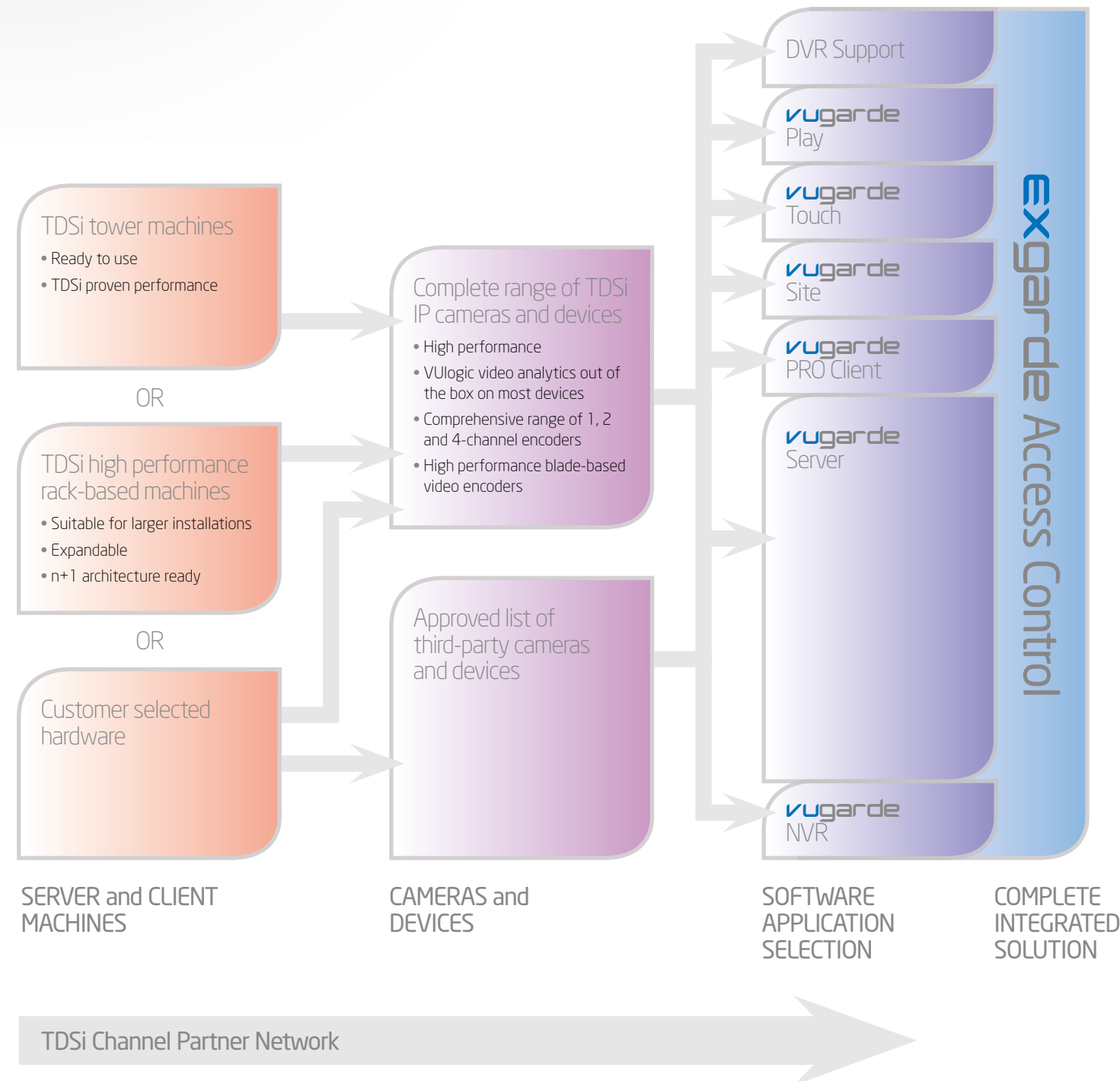
Building your VUgarde system couldn't be easier:

1. Select your hardware. Select from tower servers right through to rack-mounted units with RAID 5 arrays.
2. Choose from protecting your existing analogue investment, enhance with a wide range of IP cameras and include the latest HD cameras for maximum detail and clarity of critical scenarios.
3. Build the software solution that meets your needs - adding 16 and 32-channel NVRs as you so wish.



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Powerful licensing schema that offers unrivalled value for money



# vugarde PRO

An extremely easy-to-use client application to effectively manage your IP surveillance system

The VUGARDE client interface is extremely straightforward to operate. Using drag and drop functionality throughout, displaying multiple live and recorded video streams couldn't be easier.



## The Benefits

VUGARDE PRO delivers many user benefits:

- Fast detection of potential threats or emergencies
- User-friendly and flexible - developed with ease of use to the fore
- Easy to install and configure
- Provides all levels of security personnel with intuitive and reliable control
- Easy to use - training time is kept to a minimum
- High return on investment from existing equipment. Work with your preferred hardware to build the most suitable security solution tailored precisely to your needs
- Easily extendable - integrate VUGARDE PRO with other applications - VUGARDE WALL and EXGARDE access management software to realise additional functionality

## Complete Camera Control

Take control of your cameras using the VUGARDE interface. Where supported by the camera, VUGARDE will allow you to change PTZ camera positioning, activate wash wipe functions etc.

VUGARDE supports a large number of established PTZ protocols such as Pelco-P, together with emerging IP protocols such as BiCom IP and Pelco IP.

Providing a truly hybrid PTZ control facility, VUGARDE allows you to operate IP and analogue PTZ control side-by-side.

## Choice of Screen Layouts

A wide range of industry standard display panes are available with single, 2 x 2 up to 16 simultaneous panes, including spot with cameos. Additionally the client can support multiple display heads providing even greater flexibility.

## Group Management

The system provides great flexibility, and each operator within VUGARDE PRO is assigned their own log-in credentials and can be a member of a User Group. Groups are configured to have access to defined cameras, complex alarms, PTZ control and assigned Map Sets. Furthermore restrictions can be applied to limit the number of screens that individuals can access and to the screen layouts that they can utilise.

## Intuitive Map Feature

VUGARDE features a comprehensive map feature that allows cameras to be represented in their real-life location. This allows you to easily pinpoint the camera of interest and with a single click view the video feed from that camera.



## Versatile Alarms

Complex alarms can be created so that the operator's attention is drawn immediately to a critical situation. Combinations of camera triggers such as input active, video analytics (where supported by the camera) and schedules may be used to build up the alarm condition to your own specifications.

The alarm may also be configured to raise an alert on screen and if required, automatically trigger video playback from a nominated camera.

## Comprehensive Recording Management

VUGARDE allows the viewing of live and recorded video simultaneously. Full control over the recorded video is provided including pause, go to start or end, go to position, fast forward and rewind..

Synchronised playback of recordings to provide an overall view of the scene from different perspectives allowing you to fully assess the situation.

Navigate recordings simply by moving through a time line. Zoom on the timeline to increase the resolution and provide increased control over the recording.



Export all or part of the recording in multiple formats - including native format containing a watermark to prove that the recording has not been tampered with in any way.

Manage your CCTV through an extremely intuitive user interface



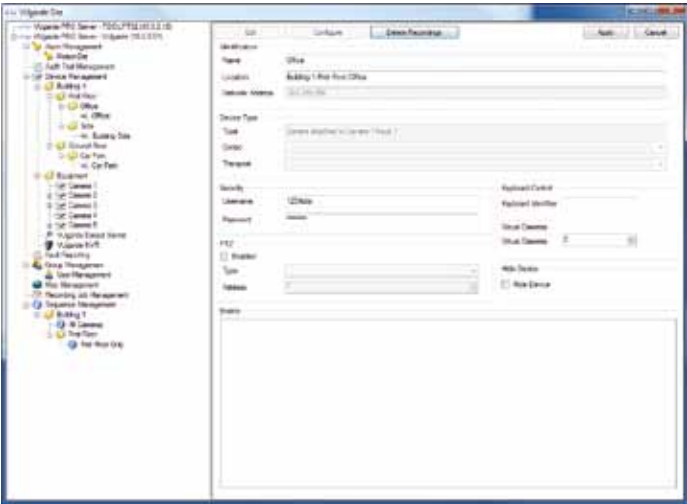
Vugarde SITE provides everything that you need to configure and program your VUgarde PRO video management system through a highly visual user interface.

The Benefits

- Effective configuration management tool for the VUgarde PRO server
- Easy to understand layout using conventional representation of system components
- Configure servers and copy configuration between them
- Find devices on the network easily and quickly using the auto discovery feature
- Full compatibility with VUgarde PRO, Server and NVR applications
- Set up users, user groups, devices, alarms, triggers and recording jobs from a single user interface
- Define video storage parameters
- Upload maps to the server to enable the site to be visualised and controlled from a full graphical interface
- Audit trail provides a full record of user and system activity

Setting up your Network Devices

This couldn't be simpler. Add and configure devices manually or for greater convenience, use VUgarde SITE to find them automatically.

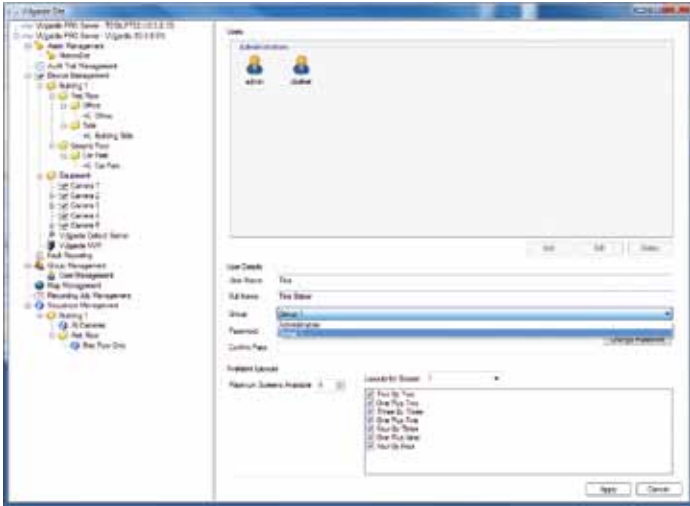


Be Informed

The audit trail feature of VUgarde SITE records all manner of transactions and system events providing you with a full record of activity. Typical transactions that are recorded include when alarms were acknowledged or closed, when users have been created, modified or deleted, when devices have been created or disconnected and the status of the recording medium.

Stay in Control

VUgarde Site allows the creation of system users and provides you with full control as to what features of VUgarde they have access to. Provide them with log-in credentials and allow them to configure screen layouts that only they need to see. Assign users to a group and define which devices and map sets they can access.



Create and Tailor Alarms to Suit your Requirements

Alarm conditions can be designed so that any combination of events based on camera triggers, video analytics etc. can be used to raise an alert. These can also be linked to a schedule providing you with maximum flexibility.

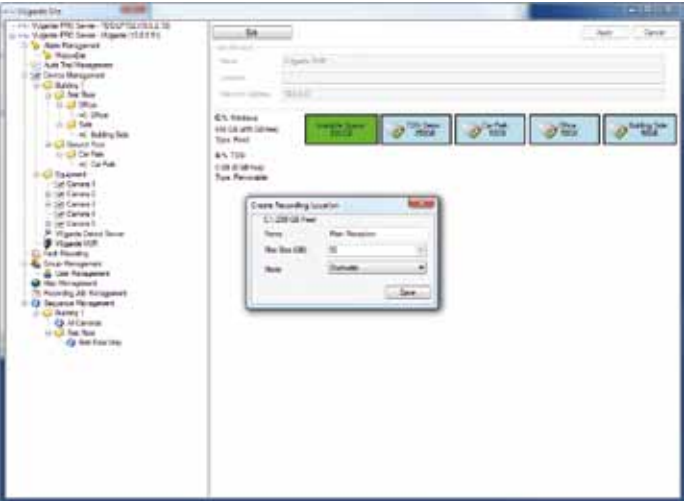
A Microsoft .NET framework-based service, VUgarde NVR is a high-end enterprise level Networked Video Recorder application that is capable of handling up to 32 streams of IP video.

The Benefits

- Record and play up to 32 video streams simultaneously per NVR
- Expand your system by adding further NVRs. Allows the system to grow with your requirements and business needs
- Add further recording capability to your VUgarde PRO surveillance system
- Record video feeds from sources such as IP cameras and encoders
- Specify continuous, time-scheduled or alarm-based recording with configurable pre and post-alarm values

Exporting your Recording

- Export all or part of the recording in multiple formats including native format containing a watermark to prove that the recording has not been tampered with in any way
- Export transcoded recordings to other formats such as MPEG-4, ASF or FLV for easy viewing on standard video players such as QuickTime, Windows Media Player and Flash Video Player



VUgarde WALL provides the ideal surveillance solution for your central monitoring and control room applications. Featuring a virtual matrix, VUgarde WALL can display multiple streams of video per module.



The Benefits

- Support for IP video streams from a wide range of camera manufacturers
- Choice of video pane layouts
- Automated motion-event driven display mode

Maximum Flexibility

A simple user interface allows easy navigation of this powerful application VUgarde WALL can also be configured to automatically display video based on motion driven events so you are presented with video that is of interest - static scenes are hidden. VUgarde WALL supports a vast range of devices from leading manufacturers such as ACTI, Axis, Pelco, Bosch, Mobotix, Ganz, Arecont and Vivitek giving you the freedom to mix-and-match the cameras that are most suitable for your specific project.

Regular viewing clients are usually only compatible with standard video codecs such as MPEG4 and H264. However IP camera manufacturers are now more often using modified codecs, which cannot be read using these standard viewing clients.

VUgarde PLAY has been developed with this in mind and as a result this Real Time Streaming Protocol (RTSP) client can be used to view video streams from the VUgarde suite of products and also any RTSP compliant stream. In addition, VUgarde PLAY can be used to play back video that has been exported from VUgarde.

The VUgarde PLAY application can be easily exported together with the recording providing a convenient package that contains everything you need to view the recording; this is provided as part of VUgarde PRO.



VUgarde Surveillance Hardware

To complete your system, we offer a complete range of hardware including a wide range of IP cameras suitable for all applications.

All devices feature supplied VULOGIC BASE Video Content Analysis as standard.

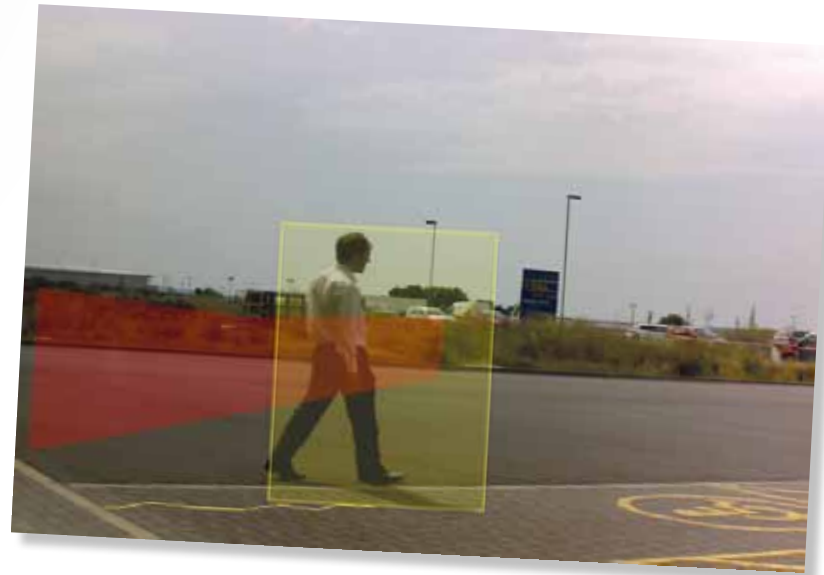
- To complete your system, we offer a complete range of hardware including pre-built fully configured servers and a wide range of IP cameras suitable for all applications.
- You will find everything that you need to get the most out of the powerful feature set that VUgarde offers.
- Machines pre-configured with VUgarde in a variety of formats. Maximum convenience and minimal installation time
  - Indoor and Outdoor dome cameras including vandal resistant versions
  - CS mount cameras
  - Choose from MPEG-4 and H.264 including a Megapixel option for maximum detail
  - Single and dual channel encoders allow you to use your existing analogue cameras with VUgarde





Powerful Video Content Analysis allows automatic alarm event notification in an unmonitored system.

Available in three levels, VUlogic complements your system perfectly.



As VUlogic PLUS add:

- People and vehicle counting



As VUlogic BASE add:

- Entry and exit detection
- Object appear and disappear detection
- Stopping detection
- Loiter detection
- Directional detection
- Abandoned object detection
- Removed object detection
- Tailgate detection
- Object classification
- Speed filter
- Video stabilisation



- Intruder and perimeter detection
- Camera shake cancellation
- Camera tamper detection

## TDSi Channel Partner Programme

The TDSi Channel Partner Programme helps our channel partners **capitalise** on the growing market for access control and integrated security systems.

Excellent channel partnerships are the key to our success and we sell exclusively through an indirect model, delivering our products through **certified channels** that have the expertise and resources to meet customers' needs.

This programme gives you piece of mind in that you can rely on our expertise through all stages of your project.



## Become a TDSi Channel Partner

The TDSi Channel Partner Programme welcomes value-added resellers, installers, system integrators and solution providers who recognise the commercial opportunities in selling TDSi's market-leading products. There are three tiers, each offering incremental benefits.



### Authorised Partner

This entry level is for any company wishing to sell TDSi access control products. For Authorised Partners the requirements are minimal. We offer a number of basic benefits to support the success and growth of our Authorised Partners.

### Gold Partner

Gold Partner status is ideal for value added resellers offering access control and integrated security solutions, which include onsite installation and first level support. To qualify for Gold status partners must receive certification from TDSi, through attendance of our technical and sales training programmes, and generate a strong level of sales from across the product range.

### Platinum Partner

Our highest level partner is certified on all TDSi products (including the top of the range VUgarde and Enterprise integrated systems, providing easy CCTV integration). Platinum Partners will have successfully completed the second level of training and can demonstrate outstanding sales success in large scale and demanding projects.

Discover how joining the TDSi Channel Partner Programme can benefit your business:

- Direct contact with TDSi (as a Platinum or Gold Partner)
- Demonstrable credentials with TDSi certification
- Sales and marketing resources to support and grow sales
- Access to specialist technical support

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