



Integration Solutions

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Seeing the world through your eyes.

Welcome

The Security market has, for a long time, been known for its advances in technology and integrated solutions. Now two leading manufacturers of CCTV products, BBV and Dedicated Micros, have combined to produce an innovative digital matrix solution.

BBV have built a strong reputation in integrated CCTV solutions, whilst Dedicated Micros are known worldwide for their innovation and product quality. BBV's manufacture of video matrix and telemetry control systems and Dedicated Micros expertise in the DVR market have ensured that they both remain at the leading edge of CCTV technology.

With an established track record for individual success, Dedicated Micros and BBV have together created the Pick-a-Point integrated CCTV solution, blending the key CCTV components of the control room environment. This solution allows dedicated multiple site control for medium and large scale CCTV deployments that retains a traditional user interface.

BBV's Pick-a-Point system, together with Dedicated Micros 'NetVu Connected' building blocks, provide seamless control of multiple sites and allow you to view any camera, from any moment in time, anywhere in the world.

Advancing Technology. Delivering CCTV Solutions.





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Digital Matrix

Pick-a-Point is able to replicate the simplicity of operation associated with a traditional analogue matrix by allowing control of multiple video servers without the need for thousands of metres of cabling. It also offers the potential to build a traditional composite video wall displaying cameras from a number of monitored sites delivering control over any camera in the system, while retaining all important keyboard and joystick functionality.

From the start Pick-a-Point has been designed to be intuitive for operators, providing an environment they are already familiar with, which greatly simplifies and speeds up image retrieval. After initial bespoke commissioning by BBV, operators can simply pick and click cameras using Pick-a-Point's GUI (Graphical User Interface) from a site's database to view the images they require - without having to know which digital video recorder the camera is linked to.

Also, unlike many virtual matrix solutions, dependent on a PC to record, view or playback video, Pick-a-Point is a standalone hardware based workstation which eliminates reliability and training issues associated with PC based systems.



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Workstation

The Pick-a-Point workstation is a dedicated standalone digital matrix solution, combining BBV and Dedicated Micros products with the power of NetVu Connected technology, placing them at the heart of medium and large scale CCTV systems.

CUSTOM BUILT TO SUIT APPLICATION

BBV work closely with the CCTV installer and end user to deliver bespoke turnkey solutions which meet exact operational requirements.

FULL CONTROL OF ALL COMPONENTS

Pick-a-Point has control over all servers, DVR's, domes and cameras on the system.

INTEGRATION WITH ANALOGUE SYSTEMS

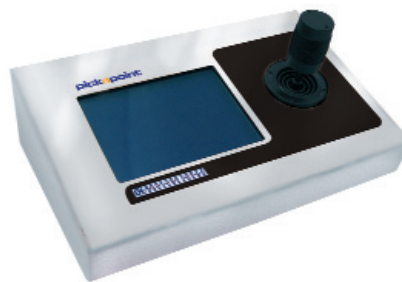
Seamless integration with existing analogue systems on site can be achieved.

MULTI-LEVEL MAPPING

Bespoke site maps to provide a graphical representation of camera positions allowing the operator to easily track events from camera to camera throughout the system.

MULTI-SITE VIEWING

Seamless control of multiple sites through a single user interface



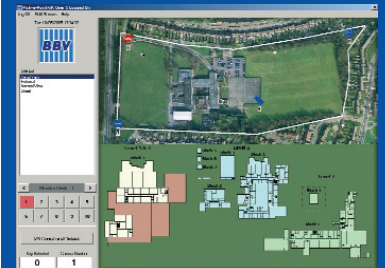
INTEGRATED TOUCHSCREEN KEYBOARD

The unique BBV Pick-a-Point keyboard provides intuitive easy to use camera selection and joystick telemetry control without the need for a PC "qwerty" keyboard.



UNIQUE EMBEDDED CONTROL SYSTEM

Pick-a-Point is a dedicated standalone hardware based workstation, which eliminates reliability and training issues associated with PC based systems.



Bespoke, intuitive multi-level site maps

FULL ON-SITE COMMISSIONING

To ensure smooth installation and hand over of the system to the end user.

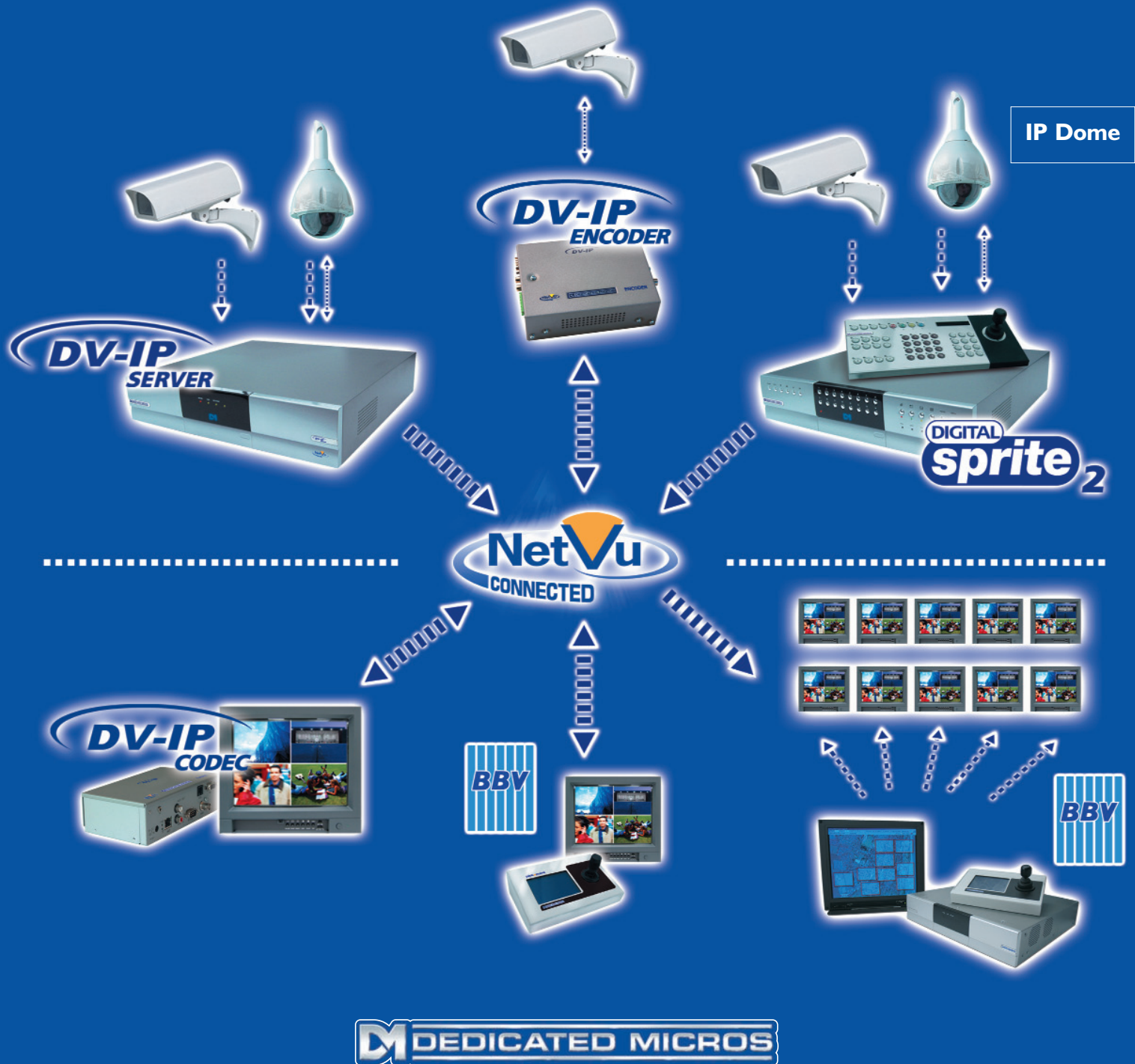
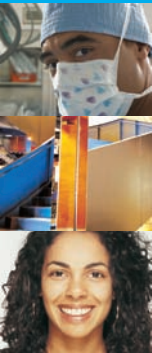
PICK-A-POINT VIEWSTATION

The BBV Pick-a-Point Viewstation is a dedicated IP keyboard solution with traditional joystick control, which provides either additional control points on a Pick-a-Point system, or operates standalone to provide composite viewing and control of any Dedicated Micros NetVu Connected Server, DVR or IP camera.

The Dedicated Micros NetVu Connected portfolio offers users incredible flexibility and choice.

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NetVu Connected products through their common technology core, provide a new level of interoperability, deep integration and reduced installation times, allowing seamless scalability and control through a common user interface.



DEDICATED MICROS



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Firm Foundations for CCTV

Pennine Housing 2000 (PH2K) which is responsible for the management of close to 12,000 social housing properties in Calderdale, West Yorkshire is now operating the most advanced IP-enabled CCTV monitoring solution of any housing association in the UK. This is the culmination of an ambitious project which saw close cooperation between Pennine, consultants Faber Maunsell – who came up with the initial concept - integrators BBV and IP CCTV Solution providers Dedicated Micros.

This development for Pennine was 18 months in the making and stemmed from a desire by the housing association to be able to have a central control room at one location – Mixenden – which would have the capability of controlling and monitoring the security of several remote sites.

To achieve the desired result the consultants proposed that an IP solution based around a wireless network would be the most effective and economical solution.

to control the layout of monitor walls, Dedicated Micros DV-IP Servers in each of the tower blocks and DV-IP Decoders in the central control room at Mixenden, all brought together through the Pick-a-Point digital matrix from integrators BBV.

Pick-a-Point has been able to effectively replicate the simplicity of operation associated with a traditional analogue matrix by allowing control of multiple video servers without the need for thousands of metres of expensive cabling.



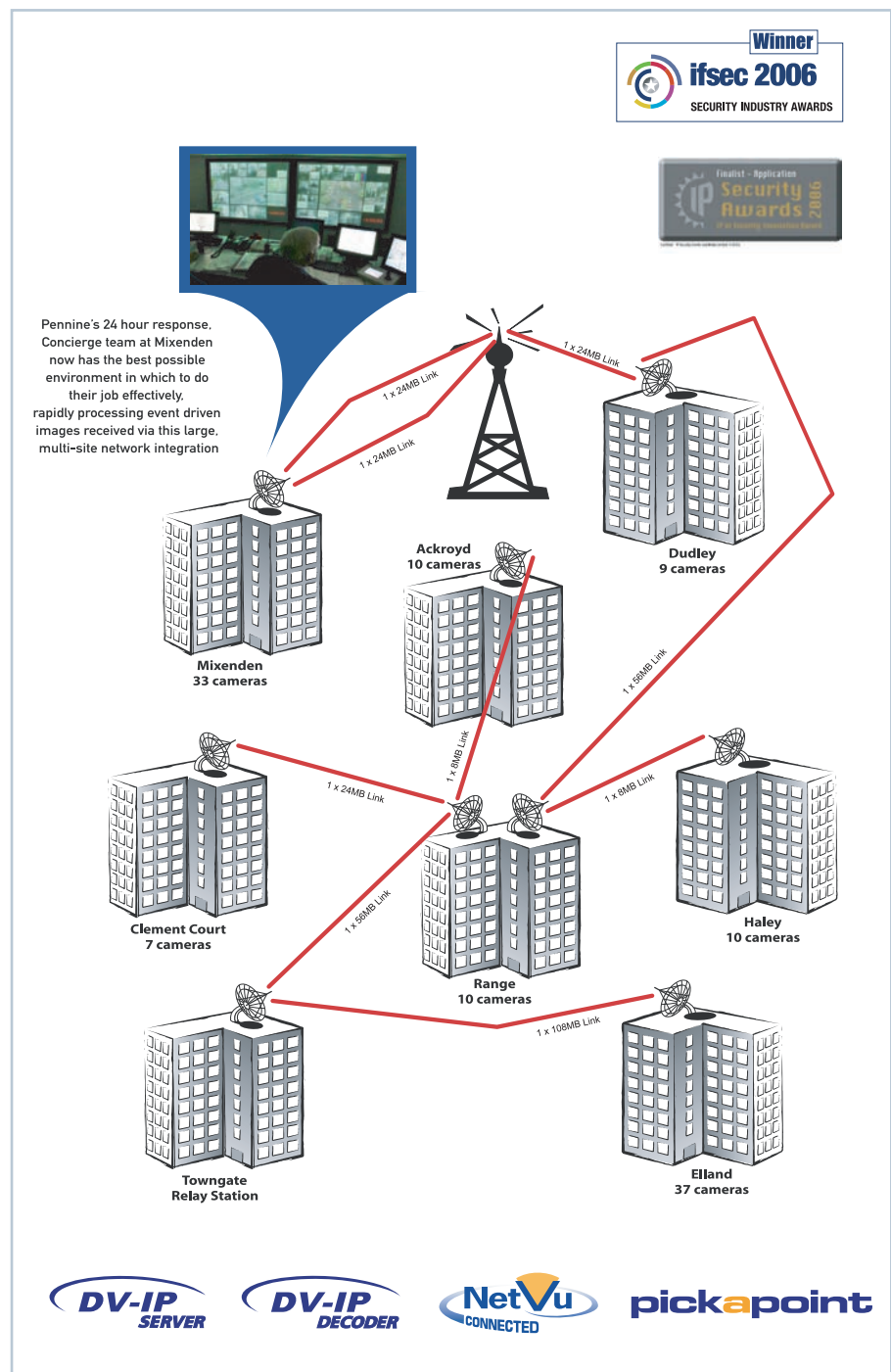
Featuring point-to-point-wireless connection between Pennine's new dedicated control centre and over 780 dwellings in various high, medium and low rise units across Calderdale this state-of-the-art project required the integration of a large number of elements including 130 plus existing CCTV cameras, a new large scale 82" front projection system, with the ability

The Pick-a-Point solution provides an intuitive environment allowing the display of cameras from a number of monitored sites and delivering control over any camera in the system, while retaining all important keyboard and joystick functionality.



This development for Pennine Housing 2000 based in the UK was 18 months in the making. Faber-Maunsell engaged DM, utilising their Pick-a-Point GUI, DV-IP Server and Decoders to produce a powerful digital matrix, operating over a wireless network.

The installation has been designed very much with the future in mind. There is tremendous scope with the virtual matrix and wireless transmission to bring in more remote blocks, add cameras or even drop in another control room.



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