

## Case Study

# Rhondda Cynon Taf

Rhondda Cynon Taf, like many other boroughs, experiences anti-social behaviour and criminal activity in specific trouble hot spot areas. These areas are often out of range for conventional CCTV systems and the problems tend to shift between areas. The Community Safety Partnership aims to continuously engage the community and reassure them that action is being taken where it is most needed.



### The Challenge:

Rhondda Cynon Taf's Community Safety Partnership already has an extensive high-tech fixed CCTV system that allows users to monitor activity taking place at hundreds of locations across the Borough. However, in order to pro-actively tackle anti-social behaviour and criminal activity, officers at the Borough needed cameras which can be installed within a matter of hours and which can be monitored and operated remotely from any location by an operator or police officer.



**Rhondda Cynon Taf's main objective is to be able to quickly and efficiently tackle anti-social behaviour and criminal activity in specific trouble hot spots.**

### The Solution:

In order to effectively tackle anti-social behaviour across varying locations and reduce criminal damage, Rhondda Cynon Taf's Community Safety partnership opted to deploy WCCTV 3G Wireless Domes. These can be viewed and operated from a car, a control room or even from the side of the road.

According to Phil Bevan, who heads the Community Safety Partnership, *"The technology is incredible and I hope it serves as reassurance to our residents that we are committed to investing in innovative measures to tackle crime and disorder."*

The **WCCTV 3G Dome** provides the user with complete flexibility and portability. The system can be deployed in any location and is ideal for rapid installation and temporary surveillance applications. The Dome system integrates a camera, an internal hard drive and a wireless high-speed 3G transmission unit. Users can remotely access live and recorded digital evidential quality footage. The camera itself can be controlled remotely with full pan, tilt and zoom functionality and has 360 degree field of vision.



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Rhondda Cynon Taf's Community Safety Partnership, which oversees and harnesses the efforts of all local agencies playing a role in the fight against crime, has opted for WCCTV 3G Dome cameras and associated technology

This state-of-the-art solution is now used in the fight against crime and disorder across Rhondda Cynon Taf in the form of CCTV cameras that can be viewed and adjusted from a car, a control room or even from the side of the road. Designed to be installed in locations at short notice and for any length of time, the cameras can be monitored and operated from the partnership's main CCTV suite in Pontypridd. The same functions can also be carried out via hand-held palmtop computers and laptops allowing partners to view and monitor activity at any time and from any location.

The Wireless CCTV Dome Camera System contains high-speed **3G mobile technology**, plus an additional transmission medium to maximise flexibility and portability. This unique approach provides the ability to transmit fluid, high-resolution images wirelessly without geographical restrictions.

Each WCCTV system can also utilise **broadband technology**, which offers high-speed, fixed-cost transmission networks for live 24/7 monitoring. Broadband technology is ideal where there is access to a telephone line with broadband connection.

The Wireless Dome system has **Wi-Fi technology** built in as standard, which enables cost-free, high speed downloads up to 100m away from a Wi-Fi enabled laptop.



### The Results:

"We have had activity on a street in Aberaman monitored by a police officer in a patrol car in Aberdare and also by an officer in a command centre in Pontypridd. The technology is incredible and I hope it serves as reassurance to our residents that we are committed to investing in innovative measures to tackle crime and disorder" says Phil Bevan, Head of Community Safety for Rhondda Cynon Taf.

*"The new cameras are invaluable to us as they allow us to respond in real time to the issues impacting on our communities."*

**Chief Inspector Richard Erskine,**  
Head of Community Safety across Rhondda Cynon Taf for South Wales Police

### Main Features and Benefits of the WCCTV 3G Dome:

- Compact 'all-in-one' solution with space saving camera mounting
- Weather-proof housing
- 360 degree field of vision
- Remote control with full pan, tilt and zoom
- Remote access to live and recorded digital footage
- Rapid 'plug and play' installation
- Multiple transmission options including 3G (HSUPA), Wi-Fi and broadband.
- Ability to redeploy system
- Free unlicensed Single View Software



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