



Case Study



Tackling ASB with Nottinghamshire Police's CCTV Vehicle

To combat rising incidents of anti-social behaviour (ASB), Nottinghamshire Police required a fully equipped, mobile CCTV solution that could be rapidly deployed to high-risk areas. Woodway delivered a full vehicle conversion, equipping the van with a Night Owl vehicle-mounted mast system, integrated 360 Vision camera technology, and secure Veracity video transmission solutions. This advanced surveillance vehicle now enables Nottinghamshire Police to monitor, assess, and intervene in real time, reinforcing their ability to tackle ASB effectively.

The Requirements

ASB, including vandalism, disorderly conduct, and public disturbances, presents a significant challenge to community safety in Nottinghamshire. A proactive, visible surveillance approach was essential to deter crime, gather intelligence, and assist in evidence collection.

A static camera or standard vehicle were insufficient - a bespoke conversion was required, integrating high-spec thermal camera, lighting, power, and communications technology into a fully functional surveillance hub.

- ➔ **Deploy rapidly** to ASB hotspots identified through intelligence-led policing.
- ➔ Provide full **360-degree coverage** for situational awareness and evidence capture.
- ➔ **Stream and store** high-quality video footage securely for review and operational use.
- ➔ **Operate independently**, powered entirely by the vehicle's electrical system.

The Solution

Woodway carried out a comprehensive vehicle conversion, integrating specialist surveillance and operational technology - all tailored to Nottinghamshire Police's requirements. Key features include:

- ✔ **Night Owl Mast**
A telescopic mast extending up to 3m, providing rapid deployment and full 360-degree coverage.
- ✔ **360 Vision Predator Camera**
Full HD, Thermal, 40x optical zoom, and day/night functionality, ensuring clear surveillance footage.
- ✔ **Veracity Secure Transmission**
Live-streaming capability, enabling remote real-time monitoring - both from within the vehicle, and remotely.
- ✔ **Self-Contained Power System**
Operates independently from the vehicle's battery system, requiring no external power source.
- ✔ **Blues and Twos**
Exterior emergency Whelen lighting and sirens to ensure maximum visibility and public safety.
- ✔ **Bespoke Interior Fit-Out**
Including air conditioning, electrical sockets and enclosure, monitors, desk and chair, panelling and interior lighting.



"We love working on new projects, and this one was particularly interesting. Notts Police needed to monitor and respond to incidents quickly, so we designed this vehicle to be a fully self-sufficient surveillance unit. We're confident it will prove to be really valuable for the force and the community."

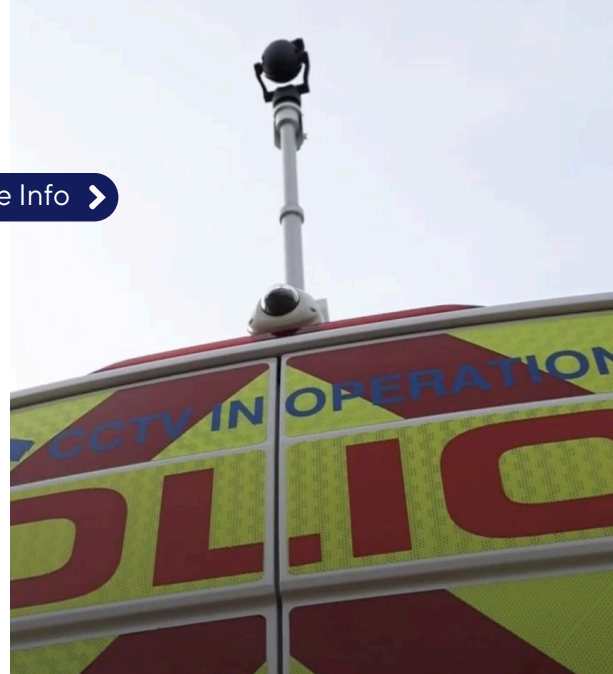
Paul Watkins
Installation Manager, Woodway Engineering

The Product

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The Night Owl Predator is a highly versatile and cost-effective mobile surveillance solution, designed for dynamic policing environments. Its pneumatic telescopic mast extends up to 3m, providing elevated visibility for surveillance in high-risk areas. The mast is fully integrated into the vehicle, with an automatic park function that ensures secure stowage when not in use. A compact in-vehicle control panel with backlit switches makes operation straightforward, even in low-light conditions.

This system is completely self-sufficient, running entirely from the vehicle's dedicated battery system. This eliminates the need for an external power source, allowing for continuous operation during long deployments. The robust build quality ensures reliable performance in all weather conditions, making it a dependable solution for policing and security applications.



A key advantage of the Night Owl Predator system is its adaptability. Designed with minimal vehicle modification in mind, it can be transferred between fleet vehicles with ease, ensuring long-term value. Combining the high-performance Predator Camera from 360 Vision with the secure transmission solutions from Veracity, this system delivers clear, high-definition surveillance with remote live-streaming capabilities.

“The Night Owl Predator system provides Nottinghamshire Police with a powerful, mobile surveillance solution that can be quickly deployed wherever it’s needed most. Bringing together the high quality of the Predator Camera from 360 Vision, with the essential transmission requirements from Veracity - we’ve been able to provide the ultimate solution that perfectly addresses the force’s requirements for this project.”

Paul Henson
Sales Director, Woodway Engineering

Woodway



The Outcome

Now ready for deployment, this mobile CCTV van will undoubtedly become a valuable asset in Nottinghamshire Police's efforts to tackle ASB. Positioned at hotspot locations, the vehicle will enable real-time intelligence gathering, helping officers prevent and respond to incidents effectively. The integrated live-streaming capability is ensuring command teams have instant access to footage, improving situational awareness and operational coordination.

By combining high-quality surveillance technology with a fully tailored vehicle conversion, Woodway has delivered a solution that supports efficient, intelligence-led policing, ensuring safer communities across Nottinghamshire.

"One of the biggest concerns for our residents is anti-social behaviour. This brand-new vehicle will help us capture this behaviour in real-time and will ensure those who wish to cause these problems are dealt with immediately. With this new piece of equipment, there will be no place to hide. By focusing resources where they are needed most, including hotspot patrols and innovative solutions like the new CCTV van, we are already seeing positive results."

Inspector Paul Ferguson
Nottinghamshire Police

'There will be no place to hide' - New CCTV van to tackle anti-social behaviour in our city neighbourhoods.

www.nottinghamshire.police.uk



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