



©Image courtesy of Thames Valley Police

X-Net[®] helps protect the Royal Wedding

Vehicle stopping technology part of Police's security plans

Executive summary

In May 2018, the Royal Wedding of Prince Harry and Meghan Markle took place in St George's Chapel in Windsor in the UK. With the rise of vehicle related terror attacks, Thames Valley Police – who were responsible for security for the event – used QinetiQ's vehicle stopping X-Net[®] technology as part of wider security plans to protect those involved, including a large number of spectators in the surrounding areas.

The brief

Thames Valley Police is made up of more than 7,000 police officers and staff who are responsible for policing one of the largest areas in England, covering 2,200 square miles and a population of more than 2 million, including Windsor. The police required a solution as part of wider security plans to help protect the spectators of the 2018 Royal Wedding between Prince Harry and Meghan Markle at St George's Chapel at Windsor Castle. A specific solution was required that would reduce the risk of a vehicle being used in an attack on the public.

“ Since July 2016 there have been at least 10 widely-reported cases of vehicles being used in terror attacks on crowds, killing over 120 people and injuring many more. X-Net offers an easily deployed, adaptable and trusted solution to help combat this threat. ”

Mike Brown, QinetiQ



©Image courtesy of Thames Valley Police

Our solution

Our X-Net® vehicle arresting system helps to combat the risk of vehicles being used in terror attacks. X-Net® is a portable and non-lethal solution, capable of stopping vehicles ranging from small cars through to 10-tonne lorries. Having been extensively and independently tested, the system is currently deployed with military, police and security forces around the world.

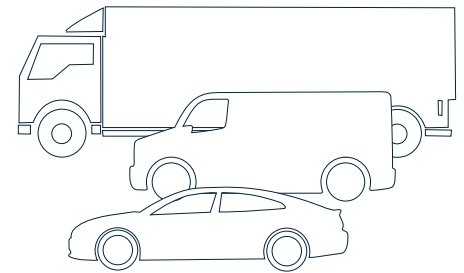
X-Net® uses a unique 'spiked' design that, unlike other systems, brings the target vehicle to a complete stop under control, irrespective of the type of tyre. By wrapping around the wheels and axle of the vehicle whilst puncturing the tyres, X-Net® prevents any further manoeuvring of the threatening vehicle.

Outcomes and benefits

Whilst the system, fortunately, did not need to be activated at the wedding, Thames Valley Police had the technology readily deployed at various locations around Windsor to ensure the safety of all of those involved in the wedding celebrations.

Benefits of deploying X-Net® include:

- Crowds of an estimated 110,000 people were protected from potential vehicle attacks
- Manually deployed in under 20 seconds, making it quick for Thames Valley Police to set up
- The system is portable and non-lethal so was able to be deployed widely across Windsor
- Stopping force is less than 1g meaning occupants of a vehicle stopped by X-Net® would have a lower chance of being hurt.



X-Net® is a portable and non-lethal solution capable of stopping vehicles ranging from small cars through to 10-tonne lorries

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QinetiQ is always on your side, protecting, improving and advancing your vital interests

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