

Can your network handle today's public safety technologies?



Public safety today is as much about having access to the right tools and technologies as it is about understanding effective investigation and safety techniques.

The use of body-worn cameras (BWCs) and other technologies can improve public trust and support officer accounts of events. Yet, these technologies can also generate tremendous amounts of data that can be a challenge for departments to manage without a reliable, high-performing network for capturing and transmitting information reliably.

Improving public trust and safety

Beyond evidence collection, the presence of IoT technologies such as BWCs can support transparency and accountability during field activities, dispel accusations against officers, contribute to de-escalation and increase compliance during dangerous situations.¹

Studies show that when officers use BWCs, departments see a:



decrease in the use of force.²



drop in complaints against officers.³



Supporting massive data growth

Today's law enforcement networks support applications and devices across more locations than ever before — producing a massive pipeline of data that can be complex and costly for IT to manage. Departments that are already stretched thin can face ever-growing backlogs of video footage in need of processing.

7TB of video data is captured by the Oakland Police Department per month.⁴

5+ YEARS of data storage is needed for the Oakland Police Department's critical video footage.⁵



Enhancing IT operations

High-capacity networking and connectivity solutions can support automation for video and information uploads to the cloud, labeling and management of that data. This increases efficiency and improves total cost of ownership by reducing time previously spent on manual processes.

An analysis by the University of Chicago Crime Lab and the Council on Criminal Justice's Task Force on Policing showed **the benefits of technologies such as BWCs outweigh their costs by a factor of 5-to-1.**⁶

Connecting technologies for public safety to the cloud across a high-performing network leads to a:



Securing the network

Information captured in the field can provide critical evidence of events that have transpired, but only if departments can prove that it has been securely transmitted to prevent tampering. This can be achieved through a secure, high-capacity private network or using a direct, private connection to a trusted cloud service provider.

324 DAYS is the average time to detect and contain a data breach caused by a malicious attack on the public sector.⁹

\$2M was the average cost for organizations to recover from a ransomware attack in 2021.¹⁰

56% of state IT leaders are not very confident in the cybersecurity practices at state and local government organizations.¹¹

42% of state chief information security officers report inadequate staffing is a top barrier to cybersecurity.¹²

Partner with a trusted provider

Working with a single partner for secure managed networking and connectivity solutions can help public safety agencies meet high standards for efficiency and reliability, freeing up IT staff to focus on other mission-critical projects.

Spectrum Enterprise has over 20 years of experience working with government organizations to modernize, manage and secure network infrastructure. We can serve as an extension of your IT team, offering 99.99 percent service availability and 24/7/365 U.S.-based support.

Contact us to learn more.

[Learn more](#)

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 3. "7 Quick Stats About Police Body Cameras," 10-8 Video Systems, 2021.
 4. Shridar Subramanian, "To Protect and Store: Body Cameras Place New Demands on Police," Evidence Technology Magazine, accessed Oct. 22, 2021.
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 7. "Axon Manufacturing Case Study," Axon, May 3, 2021.
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