


HOW RUGGED MOBILE DEVICES IMPROVE POLICE OFFICER PERFORMANCE

The right technology can enhance officer productivity by giving them the ability to gather information and prepare reports quickly and accurately, improve situational awareness, and reduce trips back to the station. Panasonic TOUGHBOOK® mobile solutions provide the rugged mobile interface to access and share the data officers need to improve performance and stay vigilant.


98%

of officers say their department needs to adopt technologies that improve the quality of reporting, officer safety and community visibility.¹


WHY LAW ENFORCEMENT NEEDS MOBILE TECH TO STREAMLINE REPORTING




3+ HOURS A DAY WRITING REPORTS
More than half of police officers spend three or more hours per shift writing reports.
Compliance with mandates such as National Incident-Based Reporting System (NIBRS) create the need for greater detail and specifics in incident reporting, which increases the time it takes to complete reports.¹



81% SAY REPORT WRITING LEADS TO BURNOUT
Reporting demands have increased over the years.
Inefficient reporting processes combined with the burden of paperwork can have negative impacts on police officers, including creating productivity drains and officer safety concerns.¹



94% CONCERNED WITH FILING COMPLETE AND TIMELY REPORTS
Manual and disconnected reporting processes harm report quality and timeliness.
Report inaccuracies and incompleteness can require officers to revisit those reports during the judicial process.¹



86% WORRY ABOUT SAFETY OF IN-CAR DOCUMENTATION
Most police officers spend more than an hour in patrol vehicles working on reports in less-than-ideal situations.
More in-car time spent documenting and working on reports can increase the risk and danger for police officers.¹

HOW OFFICERS ARE WORKING FASTER AND SMARTER

Some of the most commonly used mobile technology tools for law enforcement include the following:



- **Voice recognition reporting**
Enables officers to speak a report instead of writing it.
- **E-ticketing**
Speeds up ticket issuing by scanning driver's license barcodes.
- **Automated license-plate recognition (ALPR)**
High-speed cameras help officers identify license plates.
- **Computer-aided dispatch (CAD)**
Facilitates and enriches dispatch communications with historical data on calls, people and locations.
- **Mobile digital video systems**
Enhance crime investigation capabilities with body-worn and in-car camera systems.
- **AI, analytics, facial recognition and biometrics**
Aid in the collection and analysis of data to help identify crime areas and persons of interest.
- **Reconnaissance drones and robots**
Collect information, perform surveillance and investigate threats from a safe distance.

84%

OF AGENCIES HAVE MOBILE COMPUTERS INSTALLED IN PATROL VEHICLES²

36%

OF AGENCIES EQUIP OFFICERS WITH TABLETS WHILE ON PATROL²

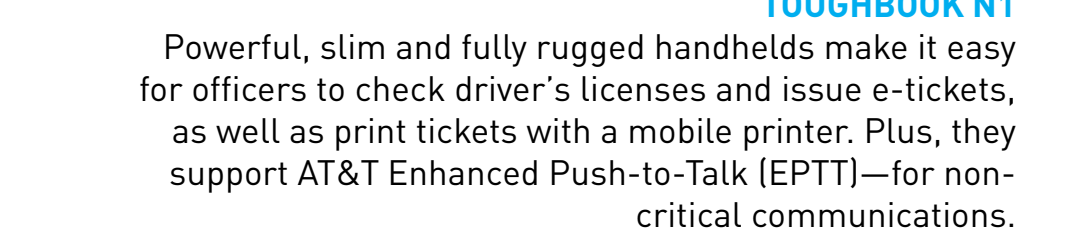
WHY RUGGED MOBILE DEVICES ARE THE SMART CHOICE


Sacrificing the durability of rugged laptops and tablets for consumer-grade devices can cost more in the long run. Tested to meet MIL-STD-810G military standards, rugged Panasonic TOUGHBOOK mobile devices are built to handle the extreme conditions of everyday police work.

**TOUGHBOOK 55**
Semi-rugged laptops are ideal for keeping physical evidence and files organized. They include an innovative modular design for switching out tools like optical drives, authentication readers and dedicated graphics. Built with four microphones, crisp and powerful 92 dB speakers to cut through road noise, color-selectable backlit keyboard and a Night mode to reduce eye strain and help preserve night vision.

**TOUGHBOOK 33**
Fully rugged 2-in-1 computers give officers powerful computing for heavy-duty data access and data entry, plus a detachable portable tablet they can take out of their vehicles to the scene. Includes 3:2 display for better viewing of business apps, optional quick-release SSD, rubber keyboard and CAC smartcard, barcode and fingerprint readers.

**TOUGHBOOK A3**
Thin, yet powerful rugged tablet allows officers to access databases, quickly issue tickets, dispatch assignments, and capture and document images with clarity. Outdoor-viewable display has rain and glove-touch functionality.

**TOUGHBOOK N1**
Powerful, slim and fully rugged handhelds make it easy for officers to check driver's licenses and issue e-tickets, as well as print tickets with a mobile printer. Plus, they support AT&T Enhanced Push-to-Talk (EPTT)—for non-critical communications.



LEARN MORE ABOUT MOBILE PRODUCTIVITY SOLUTIONS FOR LAW ENFORCEMENT. [READ THE WHITE PAPER](#) ▶

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1. "2019 Role of Technology in Law Enforcement Paperwork annual report," Dragon Law Enforcement, 2019. https://www.nuance.com/content/dam/nuance/en_us/collateral/dragon/brochure/br-die-paperwork-burden-in-policing-en-us.pdf. Accessed November 20, 2020.

2. David Griffith, "POLICE Survey: Law Enforcement and Technology," POLICE magazine, October 18, 2019. <https://www.policemag.com/528262/police-survey-law-enforcement-and-technology>. Accessed November 20, 2020.