Welcome

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Today’s Speaker

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Leadership Challenges in Building Digital Trust

Overview
- Understand the challenges emerging technology presents to police leaders
- Explore the concepts of data ethics, digital ethics, and digital trust
- Identify guiding principles to help engage the community stakeholders and build digital trust
Risks of Emerging Technology

- Costs versus benefits
- Implementation effects
- Technology moves fast
- Unintended consequences
The Challenge: Finding the Balance

Professional Opinions
- Public Safety
- Reduce Crime

Community Demands
- Privacy
- Increase Trust
Police Technology Today

- MDCs connected to multiple databases providing information, intelligence, mapping, and analytic tools
- Sensors—individual bios, environmental sensors, facial recognition
- Real-time visuals—BWC, CCTV, ALPR, drones
- Social media—analysis to combat crime and sense community sentiments
- All under the watchful eyes of COMMAND
Technology Trends

- Driverless cars
- Exoskeletons/robots
- Wearables
- Cloaking
- Cloud/big data
- IoT and SMART everything
- Artificial intelligence
- Augmented reality

The Future Started Yesterday and We Are Already Late
—John Legend
21st Century Policing

Where are we heading?
Near Future of Policing

Smart Car | The NYPD plans to introduce more high-tech cruisers, like this prototype, into its fleet.

Main console: contains a feed from the video cameras, a printer for summonses and reports, and a barcode scanner for drivers' licenses.

Surveillance camera: can send live video of crime scenes to officials at NYPD headquarters.

Infrared monitors: attached to the trunk, they scan license plate.

Power supply: the modern and other computer circuitry are.

In the near future, policing will become more advanced with technologies such as Google Glass, body cameras, graphene, and exoskeletons. These advancements aim to enhance public safety and improve police efficiency.
Digital Trust

Data Ethics

✓ Data integrity
✓ Device security
✓ Application security
✓ Infrastructure security
✓ Identity management
✓ Cyber defense
✓ Governance and compliance

Digital Ethics

✓ Code of digital ethics
✓ Ethical decisions in use
✓ Ethical algorithms
✓ Transparency
✓ Data sharing governance
✓ Privacy
✓ Implications for harm
Guiding Principles

- Effective and Efficient
- Regulated and Monitored
- Bring Police and Community Together
- Be and Seem Fair
- Reduce Coercive Force
Next Steps

“Now more than ever, it is critical that we bring together the best in technology and science to create a new generation of tools that are accurate, transparent, and community-informed”

—Charles Ramsey and Anne Milgram (2017)
Questions
Contact/Resources

- Resources


- Digital Trust Toolkit: https://www.nationalpublicsafetypartnership.org/Clearinghouse/Toolkit/c51fb
- http://bjaleader.org/pdfs/029FutureHereAlreadyLate.pdf

- Contact information
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Thank You!

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