

# The “Going Dark” Problem

- General concept
  - Law enforcement (LE) is increasingly concerned that widespread use of encryption for protecting data-at-rest and data-in-motion will hamper their ability to gather evidence and conduct investigations.
- Why is this a cybersecurity problem?
  - Encryption is a fundamental technology for ensuring the security of data-at-rest and data-in-transit.
- What
  - When LE seizes a device or wiretaps a real-time communication, LE wants unfettered access to the data stored on the device and the full contents of the communication.

# “Going Dark”

- How
  - LE isn't requiring any specific technical solution, although key escrow schemes are one frequently-sited option.
- Challenge
  - Weakening cryptographic systems in any way for LE makes the encrypted data more vulnerable to attack by lots of parties.
- Related areas
  - Crypto import/export controls, domestic vs. foreign LE, LE vs. national security
- Suggestions for specific people
  - ???