

Learning objective

At the end of this activity you should be able to:

- describe the challenges and benefits of new technology for law enforcement and investigation.

Using the link below, complete questions 1 to 15 that follow.

<https://www.policeone.com/police-products/investigation/computer-digital-forensics/articles/471631006-On-the-horizon-Tech-trends-impacting-law-enforcement-investigations/>

1. Why does the advent of new technology present a challenge for law enforcement and investigation?
2. Briefly describe how the release of Apple iOS 11 software has affected law enforcement.
3. What is the problem with manually reviewing phones?
4. How did investigators examine devices before iOS 11?
5. What did the Virginia Circuit Courts rule in 2014?
6. How can investigators overcome the problems of obtaining passcodes for phones?
7. Briefly outline the five recommendations made to case investigators.
8. What are the advantages and disadvantages of analysis products available to analyse data from mobile devices?
9. What happens to the digital forensic report in most cases?
10. What would be the advantage of using a central location for digital evidence?
11. What is meant by the 'internet of things'?
12. How are smart watches a problem for investigators?
13. What other devices might assist offenders and disadvantage investigators?
14. What digital evidence might be available from vehicles?
15. Despite all the problems of digital forensics for investigators, how might technology assist investigators?