

## Self Check Answers Chapter 15

### 15.1 Self Check

1. Why does law enforcement need new technology more than ever?  
Because of increasingly sophisticated and anonymous crimes and criminals, law enforcement needs new technology to detect and stop them.
2. What is holistic crime proofing?  
Holistic crime proofing involves designing cities, towns, and environments that deter crimes.

### 15.2 Self Check

1. What is CompStat?  
CompStat is an integrative GIS system that was developed by the New York Police Department in 1994. CompStat, which stands for 'computerized statistics,' is a process by which the information from crime maps is integrated with an exchange of information between a department's leaders.
2. Define interoperability.  
Interoperability is the ability to transfer information between different agencies and across jurisdictional lines.

### 15.3 Self Check

1. What are the benefits of innovation?  
Five of the most important benefits are
  1. New technology offers police better efficiency and accuracy in collecting and documenting evidence.
  2. The use of biometric technology will assist officers in correctly identifying wanted persons.
  3. Technology such as GIS will assist the public and law enforcement agencies in establishing accountability.
  4. New information-management technology will permit a more decentralized decision-making process.
  5. Interoperability between different agencies will increase.
2. What are the social costs of innovation?  
The social costs include
  - New science and technology may allow police to intrude on citizens' privacy.
  - The expense of new technology can be cumbersome for many jurisdictions.
  - New technology requires more training.

### 15.4 Self Check

1. What are the characteristics of a successful vision?  
Successful visions share these characteristics:
  - They are leader initiated.
  - They are shared and supported by all.
  - They are comprehensive and detailed, which means that they address the what, when, how, and why of a problem.
  - They are genuinely positive and inspiring.
2. How can a police supervisor or chief play the role of a paradigm pioneer?  
As the leader of all officers in his or her department, the police chief can play the role of paradigm pioneer in several ways: by introducing new ideas to officers, by encouraging discussion of new ideas, and finally by leading them in implementing new ideas that will be for the benefit of the department.