# Manage wireless communication security (MP5).

How close to home is wireless security?

Most small business/home business network installations include one or more wireless access points. This means that a person with a wireless device, such as a laptop, can access the Internet and shared network resources, such as files and printers, from anywhere they choose to work or play. Essentially, they join the network that is connected to the wireless access point as a trusted member.
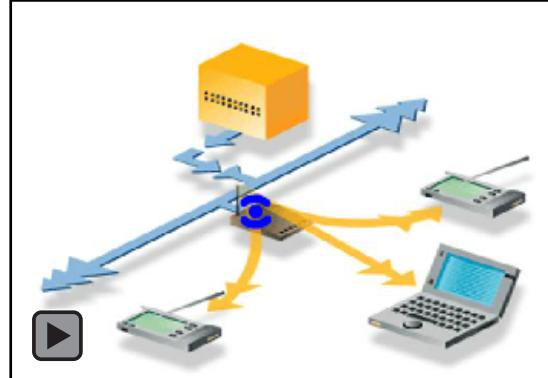
Wireless networks are prime targets for an attack!

If a wireless access point allows unauthorized access, this could create a vulnerability that could lead to an attack on your network and the computers within it. In many cases, unauthorized access can happen very easily; as easy as walking into an unlocked door. Fortunately, wireless defenses are also easy to implement.
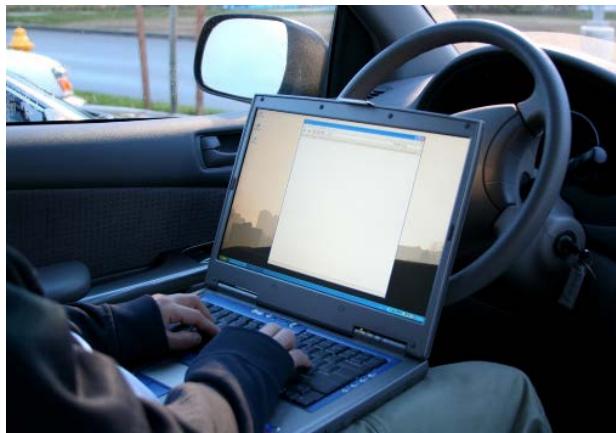
After completion of this mission plan, you should be able to:

- Explain what a network is and the different types of networks.
- List the different attacks that can be launched against a wireless network.
- Give the steps necessary to secure a wireless network.

To access the tutorial for each of these mission objectives, click on the images in the title bars below.

How networks work

Attacks on wireless networks

Wireless network defenses