



# Data Security

C1-C2

Module 4

Here's What  
We Will Be  
Learning:



# Summary

- ❑ Introduction.
- ❑ Why Data security?
- ❑ Cybertheft.
- ❑ Data security technologies.
- ❑ Software versus Hardware-based mechanisms.
- ❑ Prevention.
- ❑ Exercises.

# VOCABULARY

**Obscuring:** masking.

**Firewall:** protect (a network or system) from unauthorized access with a firewall.

**Incident:** an instance of something happening; an event or occurrence.

**Breach:** an act of breaking or failing to observe a law, agreement, or code of conduct.

**Biometric verification:** Biometric verification is any means by which a person can be uniquely identified by evaluating one or more distinguishing biological traits like fingerprints, retina and iris patterns, voice waves, DNA, etc.

**Malicious code:** any code that is intentionally included in software or hardware for an unauthorized purpose.

**Encrypt:** convert (information or data) into a code, especially to prevent unauthorized access.