What Is Info Security?

City of Phoenix
Information Security and Privacy Office
You Do Not Need to Understand Technology to Integrate Security
Definition – Info Security

• Protecting info and information systems from unauthorized
  – Access
  – Use
  – Disclosure
  – Disruption
  – Modification, or
  – Destruction
Confidentiality

- Confidentiality prevents the unauthorized accidental or malicious use or disclosure of information.
Integrity

- Integrity safeguards the accuracy and completeness of information
Availability

• Availability ensures that authorized users have reliable and timely access to information and computer systems when required.
Hazard of Poor Web Site Security

Security vs. Privacy

• Privacy: The state of being free from unsanctioned intrusion
  – The right to be “left alone”

• \textbf{You must implement security to ensure privacy}
  – You must use security to obtain privacy

• Security is technical … privacy is business
• Security is a process … privacy is a consequence

• Security is the sealed envelope … privacy is the successful delivery of the message inside the envelope
Security Is All About You!

In this corner, we have firewalls, encryption, antivirus software, etc. And in this corner, we have Dave!!
Password Humor

A recent password audit found an employee using the following password:

MickeyMinniePlutoHueyDeweyLouieDonaldGoofyPhoenix
Password Humor

Why so long?
It has to be at least 8 characters long and include at least one capital
Thanks!

Questions? Contact
ispo@phoenix.gov