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Security versus Data Privacy

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What is Security ?

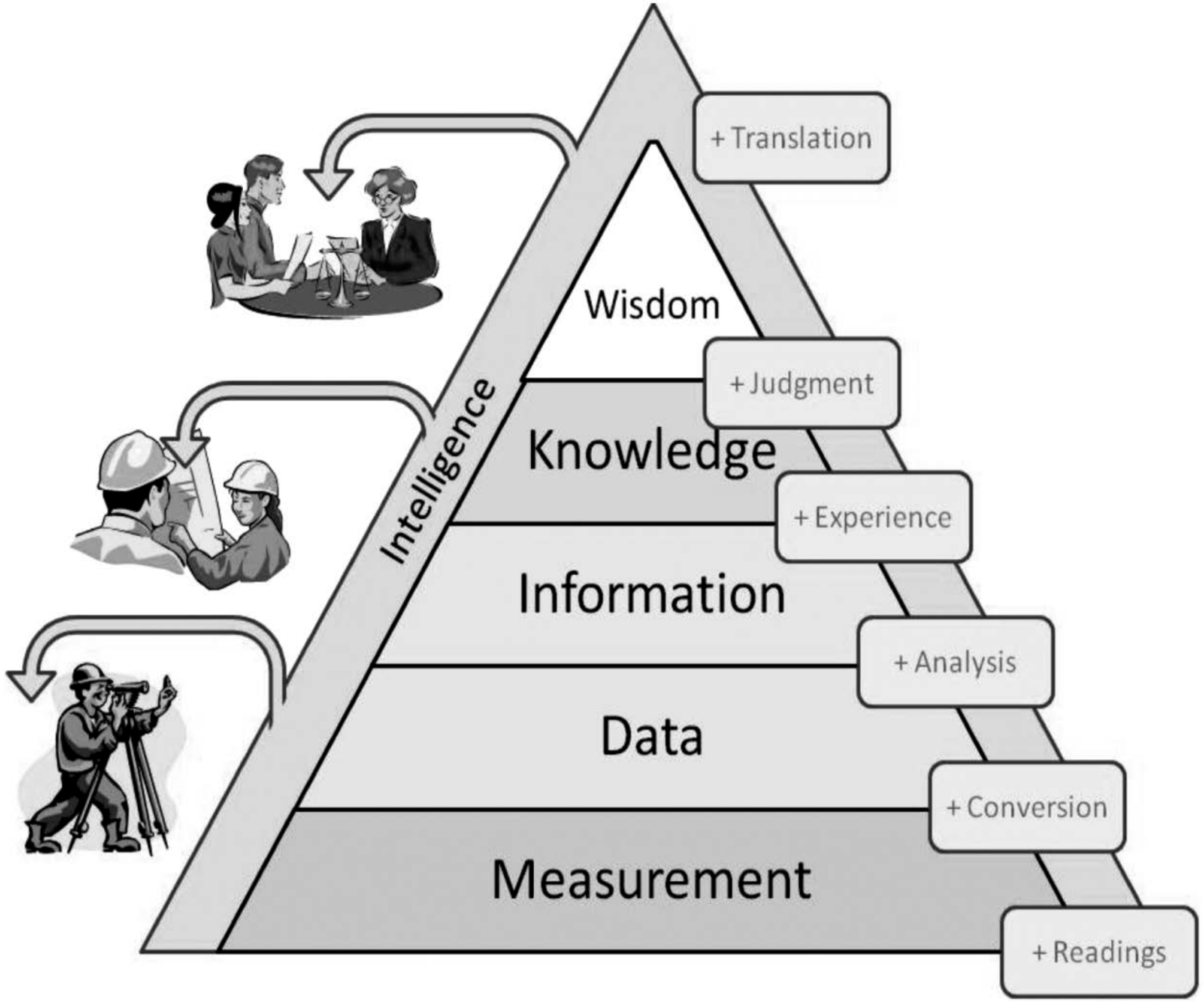
The state of being free from danger or threat.

What is the difference between privacy and information security ?

- Privacy is not security and security is not privacy, even if these words are interchanged all the time. Let me try to lay out the differences between the two.
- Privacy is concerned with the collection and use of personal data. Security is concerned with protection of that personal data from unwanted intruders

What is “Information”

Information (shortened as **info**) is that which informs. In other words, it is the answer to a **question** of some kind. It is thus related to **data** and **knowledge**, as data represents values attributed to parameters, and knowledge signifies understanding of real things or abstract concept



Information Security (infosec)

Information security (infosec) is a set of strategies for managing the processes, tools and policies necessary to prevent, detect, document and counter threats to digital and non-digital information. Infosec responsibilities include establishing a set of business processes that will protect information assets regardless of how the information is formatted or whether it is in transit, is being processed or is at rest in storage

Privacy is personal

It is the understanding between a customer and a company about what information will be collected and how it will be used. We give up personal data in exchange for services we want. For example, if I want to buy a book online, I understand that I have to provide the vendor my name, address, and credit card information so I can receive that book. I entrust my personal information with the understanding that the bookseller will not use my information for any other reason. It will maintain the privacy of my personal data.

Security is impersonal

Security is not concerned with what is collected or how it is used. Rather, security guards the personal data I provide to a vendor from those who shouldn’t see it and ensures that when that data needs to be seen, it’s in the right format and is accessible. More simply, security is a wall around the castle, and just as there can be many different walls around a castle, there can also be many different walls of security around my personal data. Security walls can include network protection, encryption, and authentication, to name just a few, and companies spend a lot of money on these walls.

Areas of security

- Physical security
- Operations security
- Network security
- Personal security
- Information security
- Communications security

Personal Security

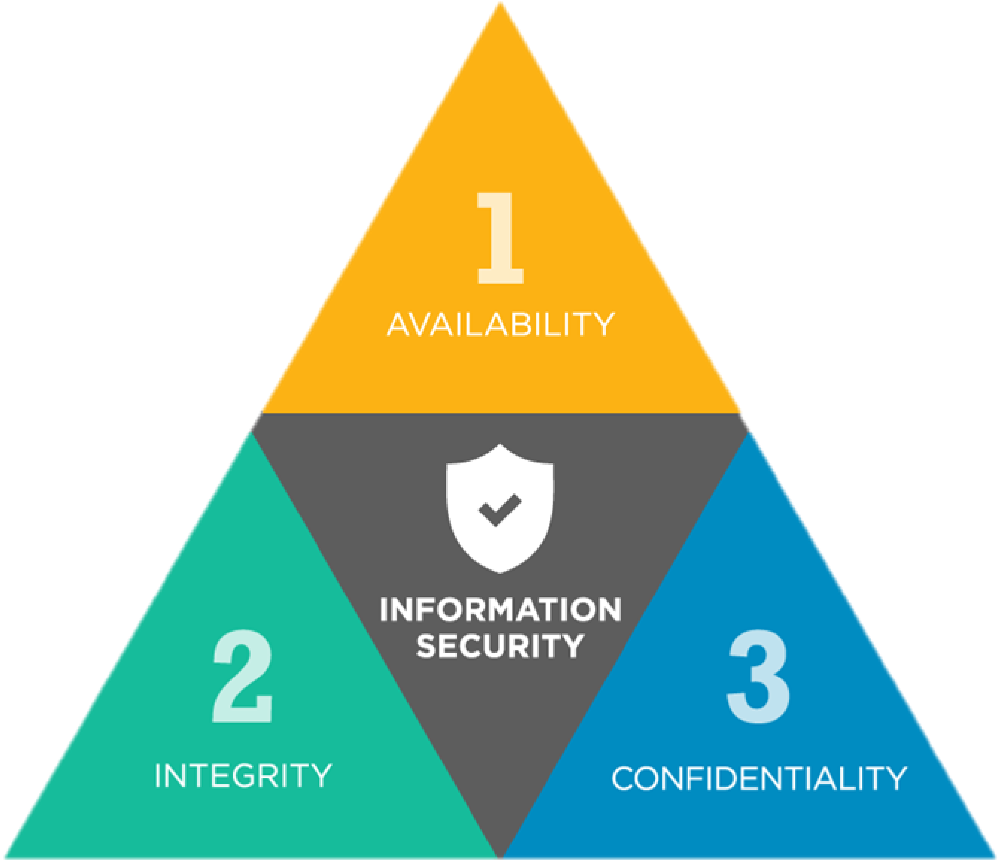
Overlaps with physical security in the protection of the people within the organization

Who should care about security?

Information security is the responsibility of every member of an organization, but managers play a critical role

Data Security

Data security is commonly referred to as the confidentiality, availability, and integrity of data. In other words, it is all of the practices and processes that are in place to ensure data isn't being used or accessed by unauthorized individuals or parties. Data security ensures that the data is accurate and reliable and is available when those with authorized access need it. A data security plan includes facets such as collecting only the required information, keeping it safe, and destroying any information that is no longer needed. These steps will help any business meet the legal obligations of possessing sensitive data.



Data Privacy

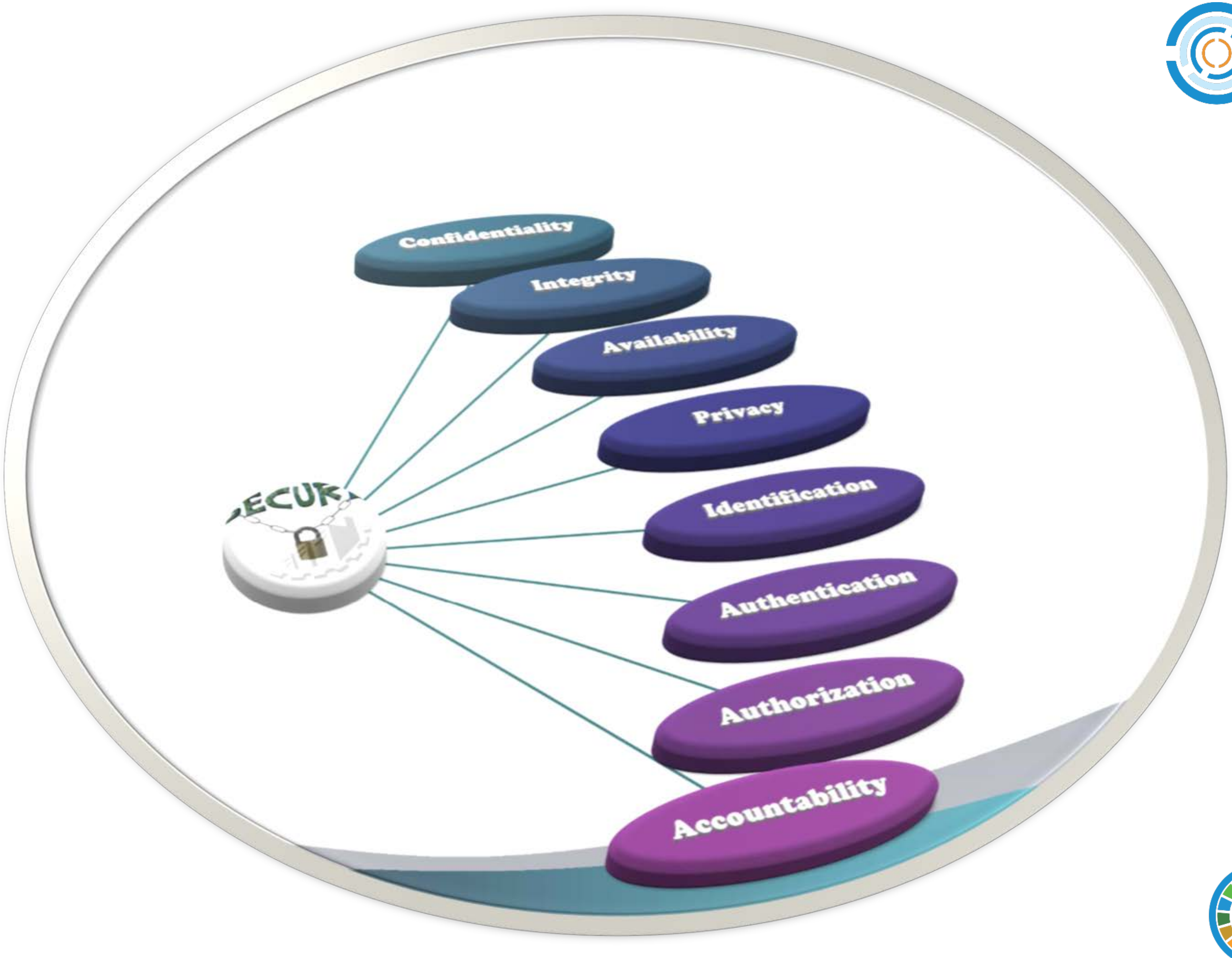
Data privacy is suitably defined as the appropriate use of data. When companies and merchants use data or information that is provided or entrusted to them, the data should be used according to the agreed purposes. The Federal Trade Commission enforces penalties against companies that have negated to ensure the privacy of a customer's data. In some cases, companies have sold, disclosed, or rented volumes of the consumer information that was entrusted to them to other parties without getting prior approval.

The Relationship Between Data Security and Data Privacy

Companies need to enact a data security policy for the sole purpose of ensuring data privacy or the privacy of their consumers' information. More so, companies must ensure data privacy because the information is an asset to the company. A data security policy is simply the means to the desired end, which is data privacy. However, no data security policy can overcome the willing sell or soliciting of the consumer data that was entrusted to an organization.

How Companies Ensure Data Privacy Through a Data Security Policy

Making sure all company data is private and being used properly can be a near-impossible task that involves multiple layers of security. Fortunately, with the right people, process and technology, you can support your company's data security policy through continual monitoring and visibility into every access point. EIQ Networks provides managed security services that can extend your team's capabilities and help keep data privacy in tact for your company.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Confidentiality
Integrity
Availability
Privacy
Identification
Authentication
Authorization
Accountability

Thank You