

- ▶ Julio Martinez | Information Security Officer
- ▶ @ TBAE over 12yrs
- ▶ @ Private sector over 10yrs





Mission

- ▶ The Information Security department will use its resources efficiently, collaboratively and effectively to create a risk-aware culture that places high value on protecting information entrusted to the BOARD, and to form a protected and resilient information security environment
- ▶ To assure the confidentiality, integrity and availability of the agency's information resources (CIA Triad)
- ▶ To secure the agency's information systems against internal and external information security threats

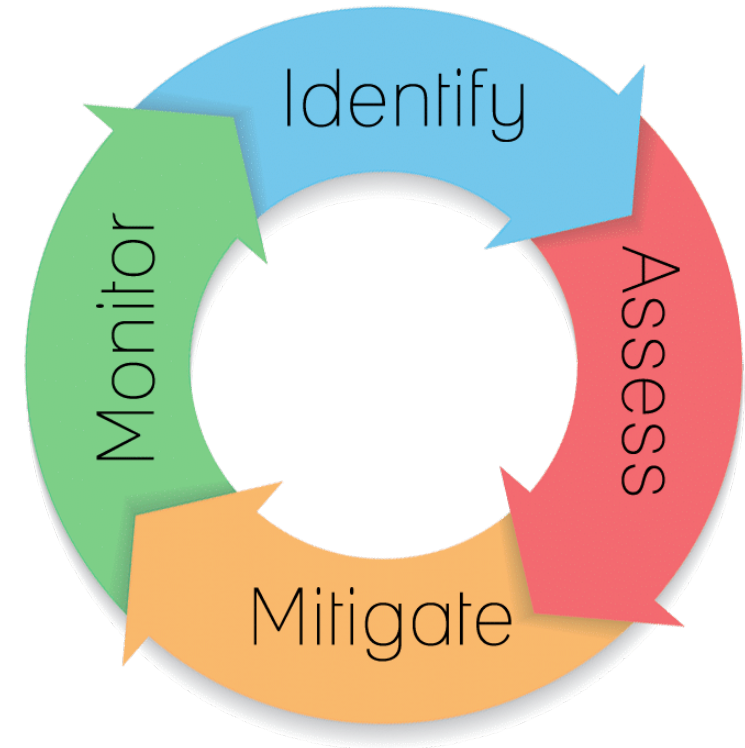
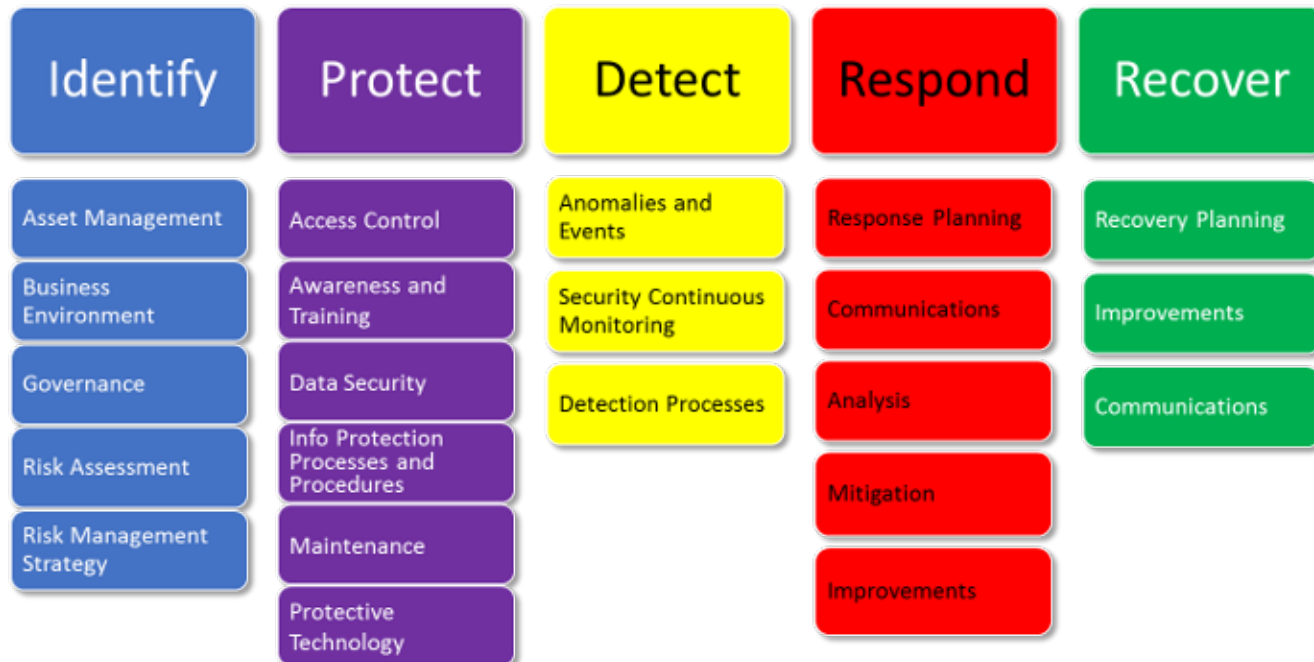


Policies/Standards

- ▶ The Information Security department implements policies and standards in accordance with [Texas Administrative Code 202](#)
- ▶ The Information Security department uses the [NIST SP 800-53](#) Cybersecurity Framework standard to build the information security program



NIST Cyber Security Framework



Framework

Information Security is a cycle

Controlling the Eco System

- ▶ Information Security involves securing information across three areas of control: technical (digital), administrative (policies, procedures & guidelines), and physical (locks, guards, man-traps)



**TECHNICAL
CONTROLS**



**ADMINISTRATIVE
CONTROLS**



**PHYSICAL
CONTROLS**

StaySafeOnline

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SANS
SECURITY
AWARENESS

Service

- ▶ Advises on information security best practices and standards to all departments
- ▶ The I.S. and I.T. department collaborate to implement cybersecurity on technical information systems
- ▶ The I.S. and all TBAE department heads collaborate to implement information security across information systems
- ▶ Promote Cyber-awareness through continuous training and information campaigns