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**Cyber Security with NIST Framework to Adhere to Compliances**



Lower Colorado River Authority is a non-profit public utility, which functions as part of a US state legislature, and is actively engaged in water stewardship, energy and community service.



* Evaluate various business entities operated by the client using the NIST Cybersecurity Framework
* Update and improve their cyber security protocols
* Prepare process documents on the implementation of security controls for these entities both for the present and for reaching the desired levels of implementation in the near future



* Meticulously maintained and operated a variety of cyber security measures and software that enhanced multiple security functions such as access control, monitoring and vulnerability assessment.
* Ensured up-to-date protection from malicious software and cyber threats, by implementing tests and measures that remediated and mitigated risk at different tiers within the client’s cyber security system.
* Recommended and established best practices that enhanced system security across the grid for all of the client’s business entities.
* Provided valuable insights to the client in order to ensure compliance with the latest security regulations, standards and laws.
* Created and delivered security training materials and classes for multiple stakeholders involved, thereby developing a robust cybersecurity ecosystem based on a holistic and growth-oriented approach.

**Framework**



* Improved client’s technical understanding of cyber security threats
* Implemented and ensured technical security compliance solutions for NERC, PCI, FBI CJIS, HIPAA and other regulatory requirements.
* Improved client’s threat detection, threat intelligence and incident reporting, while also reducing its vulnerability significantly
* Collaborative efforts in mentorship, compliance and quality control helped elevate the client’s cyber security framework to an advanced level.