Texas Department of Information Resources

Office of the Chief Information Security Officer

THE STATE OF TEXAS GUIDE TO

Cybersecurity Resources

Basic cyber hygiene

- Manage your IT and risk.
- Know your systems, where your data is, and who has access.
- Harden your systems – CIS benchmark (https://www.cisecurity.org/cis-benchmarks/) is one way.
- Keep your systems updated – patch, keep your anti-virus up to date, and use vendor supported versions.
- Monitor your systems for strange behavior.
- Applications – Open Web Application Security Project (OWASP) and public scan with a tool such as SSL Labs (https://www.ssllabs.com/ssltest/).

Adopt a framework

There are many that exist. Texas state agencies use the Texas Cybersecurity Framework (https://bit.ly/2Ni4Pod) or choose another that works better for you such as NIST CSF, CMMI, and CCSMM.

Get a cybersecurity assessment

An assessment will let you know how you are doing and can be the basis for modernization, investment, and planning.

There are numerous sources that offer assessments and can even be done at no cost. DIR, the Department of Homeland Security (DHS), or various third parties provide assessments as well.

Have an incident response plan

There are many sample plans on the Internet. The plan should be used in conjunction with Business Continuity planning. DIR offers a template as well: (https://bit.ly/32hjUe8).

Join MS-ISAC

- The DHS Multi-State Information Sharing and Analysis Center (MS-ISAC) offers many services.
- Learn more from this free resource: https://learn.cisecurity.org/ms-isac-registration
- Complete the Nationwide Cybersecurity Review (NCSR) to identify areas to improve.

current as of January 2020

Join the Texas ISAO

Stay tuned for Texas' own Information and Sharing Analysis Organization (ISAO) coming soon.

CISA/DHS services and resources

- https://www.us-cert.gov/resources/ncats
- https://www.cisa.gov/cyber-essentials

DIR resources

- DIR Security Services: https://dir.texas.gov/View-About-DIR/Information-Security/Pages/Content.aspx?id=142
- Managed Security Services: https://bit.ly/2Nl1GUU
- Complete a Managed Security Services (MSS) Contract through DIR. This is a no-cost option that keeps MSS on retainer and at the ready if needed.

Fraud resource

FraudSupport.org powered by: cybercrime SUPPORT NETWORK https://fraudsupport.org/

Train

- https://www.preparingtexas.org/TrainingCatalog.aspx (keyword "Cyber")
- https://cyberready.org/training/
- Federal Virtual Training Environment (free for SLTT): https://fedvte.usalearning.gov

Work with your designated emergency management personnel to optimize resources and minimize the impact of an incident.

HELP

IF YOU NEED ASSISTANCE

Contact your Emergency Management Coordinator or Texas Division of Emergency Management (TDEM) District Coordinator https://tdem.texas.gov/field-response/.
Or, contact DIR Office of the CISO at 1-877-DIR-CISO (1-877-347-2476) or by email at DIRSecurity@dir.texas.gov.