

# INCSC

# INDIANA CYBERSECURITY SERVICES CENTER

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# INDIANA CENTRALIZED OFFICE OF TECHNOLOGY

- The Indiana Office of Technology (IOT) encompasses all technological services for state agencies in the state, striving to provide cost-effective, secure, and reliable technology services.
- Indiana Code, Article 13.1 established IOT as a state agency in July of 2005 to:
  - Establish standards for the technology infrastructure of the state.
  - Lower costs of providing information technology services.
  - Bring the most appropriate technology solutions to.
  - Improve and expand government services provided electronically.

# THE NEED FOR INCSC

- Local governments, K-12 schools, and small/medium sized businesses are VULNERABLE
- Indiana lacks a centralized entity to create, update, and identify areas of improvement on cyber-related policies to all the agencies in the state.
- Currently, each Indiana agency, K-12 school has the authority to comply or not with those security recommendations.
- Indiana has a good number of large and medium industries as well as businesses that are targeted by attackers.

# KEY CAPABILITIES

- Military operations:
  - Naval Surface Warfare Center Crane Division
  - Air National Guard fighter units at Fort Wayne, and Terre Haute
  - The National Guard operations at Camp Atterbury in Edinburgh, and Muscatatuck Urban Training Center.
  - Naval Operational Support Center Indianapolis
  - Department of Defense operates the Defense Finance and Accounting Service (DFAS)
- State Economy. 2012 fiscal year ended with 2.15 billion USD.
- Network Infrastructure: iLight network for Research and Education collaboration.
- Higher Education. Purdue University, Indiana University, Notre Dame University, ...

# INCSC – INDIANA CYBERSECURITY SERVICES CENTER

- The goal is to preserve Indiana economic development from cyber-attacks.
- INCSC will represent a Public Broker of Private Services, and using as a delivery model: Security-as-a-Service.
- The Center would be created by the partnership and collaboration of several important actors:
  - 1) *The Board*, formed by a selected group of institutions that have the responsibility to actively formulate the strategy, specify the common needs and deploy the solutions among their respective institutions and other customers;
  - 2) *Industry Partners*, are key global providers of IT security products and services that will be offered to the customers in order to offer effective protection from cyber-intrusions, data breaches , and disruption of business operations;
  - 3) *Customers*, formed by a diverse array of state and local government institutions, private businesses, schools (K-12) and Universities.

# INCSC (THE CENTER)- IMPACT

- The impact will be measured by security benchmarks achieved by its public and private participating members.
- Indiana critical infrastructure organizations will be 1) aware of threats and 2) capable of maintaining minimum operating levels under attack thanks to preventive and defensive controls suggested by The Center.
- The model of security as a service provides great benefits for The Center's members, and also helped them understand the real benefits of sharing attack-related data to the center to create a knowledge database and share best practices and common threats with other members.
- Members of The Center will utilize the latest technology related to vulnerability analysis, Security policy framework, access to industry tools and services, real time network flow analysis, better response and protection from imminent attacks, and continuity of operations.
- Indiana State will position itself in a vantage point to better protect critical infrastructure, state agencies, businesses, K-12, and its citizens from malicious attacks and exploits.

# INCSC IMPORTANCE FOR EDUCATION

- The Center considers education as a top priority, from:
    - Creating and delivering content to K-12 schools
    - Promoting research collaboration among top universities connected to iLight.
    - Serving as a training facilitator of cyber content to state agencies, businesses, and maybe even citizens.
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# QUESTIONS? ADVICE?

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