

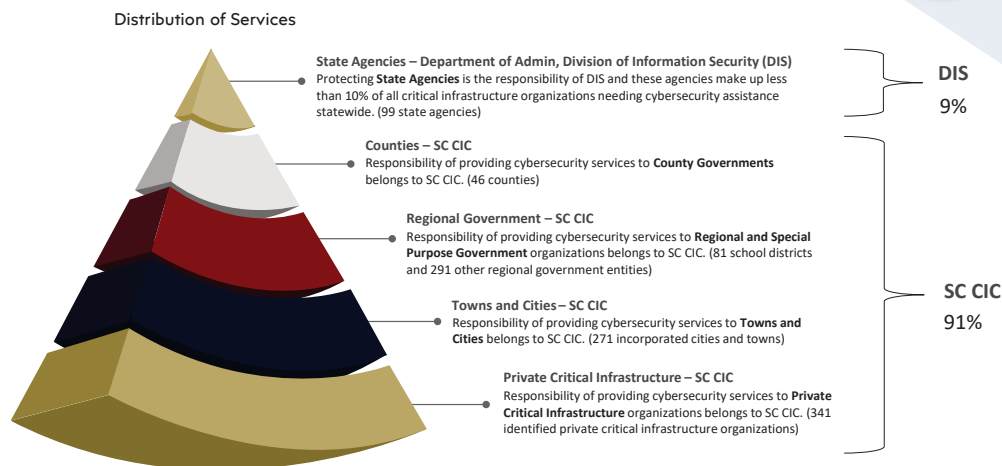


SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY (SC CIC)

RYAN TRUSKEY – SC CIC DIRECTOR AND SLED CIO

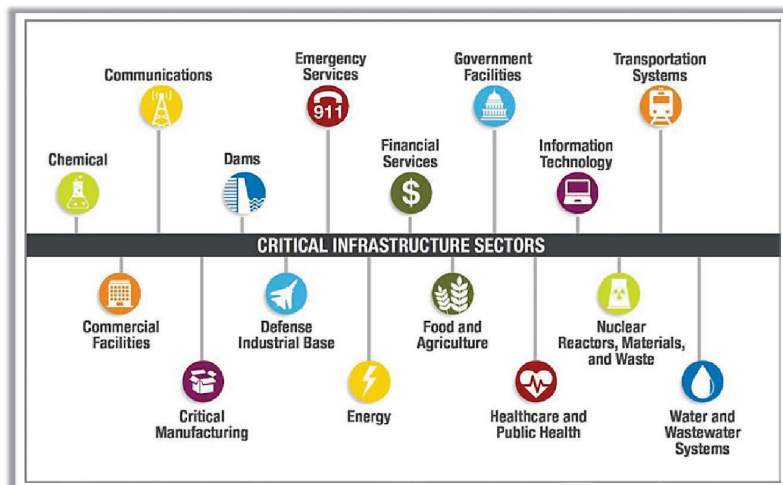
SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

SC CIC's ROLE IN THE STATE



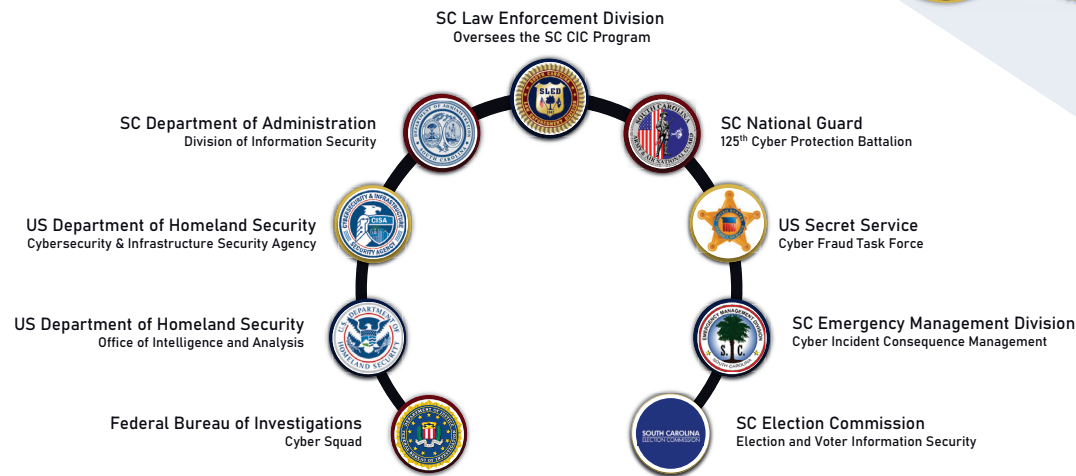
SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

SC CIC AND CRITICAL INFRASTRUCTURE



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

SC CIC Task Force



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

SC CIC IN CYBER ECOSYSTEM STUDY



S. CAROLINA

SC's posture and readiness is a tale of two halves, with clear strengths in protecting state assets and critical infrastructure being unmet by similar resources for assisting the general public and broader industry. The South Carolina Critical Infrastructure Cybersecurity (SC CIC) Program, in association with the SC Law Enforcement Division (SLED), has developed robust capabilities for information sharing and protection—including the development of a rapidly growing Cyber Liaison Officer program—to support the state's CI sector. Partnering with them is the SC National Guard, whose 125th Cyber Battalion (one of only five such units in the Army National Guard) provides re-

SC CIC has achieved a desirable level of coordination and centralization for the state's critical infrastructure. The survey itself enabled a strong demonstration of SC CIC's Cyber Liaison Officer (CLO) program, through which participating organizations (e.g., utilities, county and municipal government offices, healthcare institutions) may appoint a representative to serve as their official link to SC CIC. This CLO then becomes the conduit for the organization to benefit from the SC CIC network by participating in recurring information sharing sessions (e.g., on best practices and threat briefings); gaining access to technical cybersecurity services; and receiving guidance and support for assessing and improving its cybersecurity posture. During

SOUTH CAROLINA
CYBERSECURITY
ECOSYSTEM STUDY

SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

SC CIC IN CYBER ECOSYSTEM STUDY



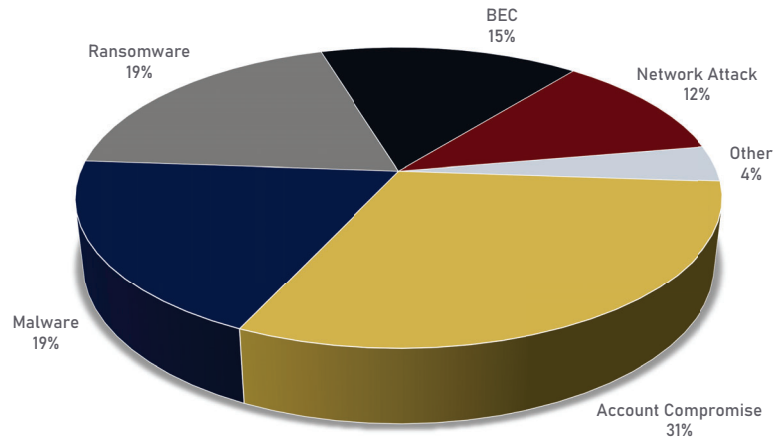
IF YOU WERE ATTEMPTING TO ADVANCE A CYBERSECURITY-RELATED INITIATIVE, WHICH INDIVIDUALS WOULD YOU SEEK TO ENGAGE FOR ASSISTANCE? LIST UP TO 5.

[BASED ON RESPONSES RECEIVED, WE HAVE COMBINED INDIVIDUAL REFERENCES INTO THEIR RESPECTIVE ORGANIZATIONAL AFFILIATIONS WHERE APPROPRIATE; THE LIST SHOWN INCLUDES ALL INDIVIDUALS AND ORGANIZATIONS THAT RECEIVED THREE OR MORE MENTIONS]

MENTIONS	INDIVIDUAL / ORGANIZATION
27	SC CIC / SLED
6	THE CITADEL
5	GOVERNOR McMASTER
4	UofSC SYSTEM
4	SC COMPETES
3	CLEMSON UNIVERSITY
3	SC COMMERCE
3	SC ADMIN
3	NIWC

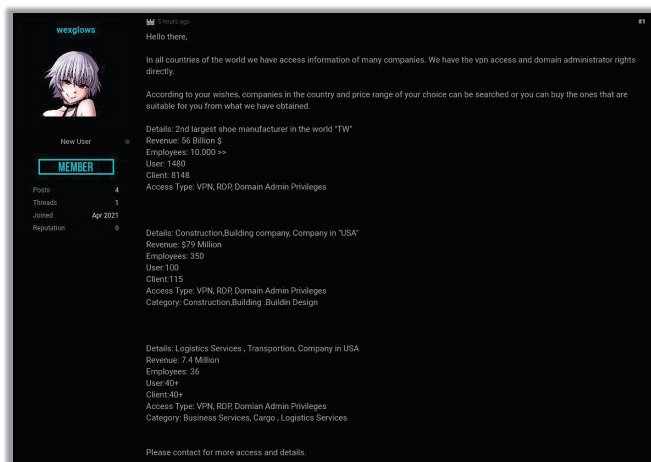
SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

TYPES OF INCIDENTS IN SC IN 2023



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

CYBER CRIME: ACCOUNT COMPROMISE



Initial access brokers get into networks by using compromised credential or exploits on RDP or VPN devices



They sell access to ransomware groups or APTs



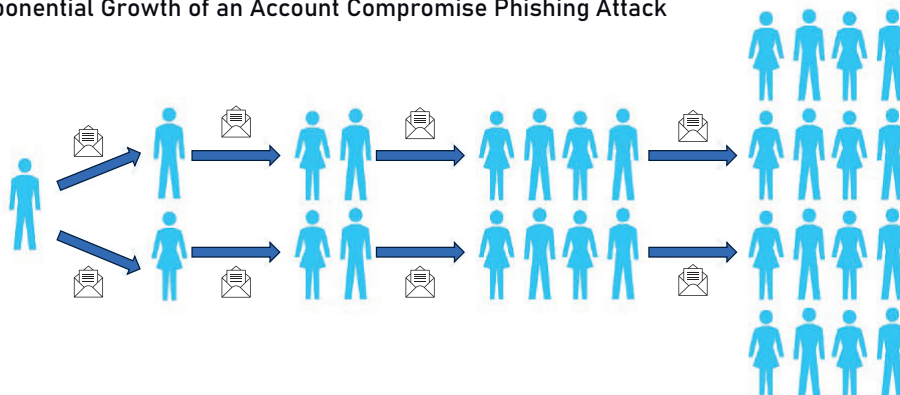
New group takes it from there, moving around victim's network, taking data, & eventually deploying encryption

SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

CYBER CRIME: PHISHING



Exponential Growth of an Account Compromise Phishing Attack



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

READINESS EXERCISES



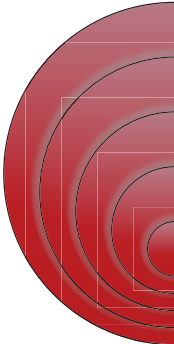
-  Participate in tabletop exercises, training, & adversary emulation campaigns
-  Walk through real-world attack scenarios of current threat landscape
-  Re-engage to continuously improve security posture and attack readiness



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

READINESS EXERCISES



	• Benefits all organizations regardless of maturity level
	• Fosters interdepartmental communication
	• Improves and tests incident response planning
	• Helps establish and verify critical procedures
	• Increases efficient use of existing security tools

CLO MONTHLY CALL



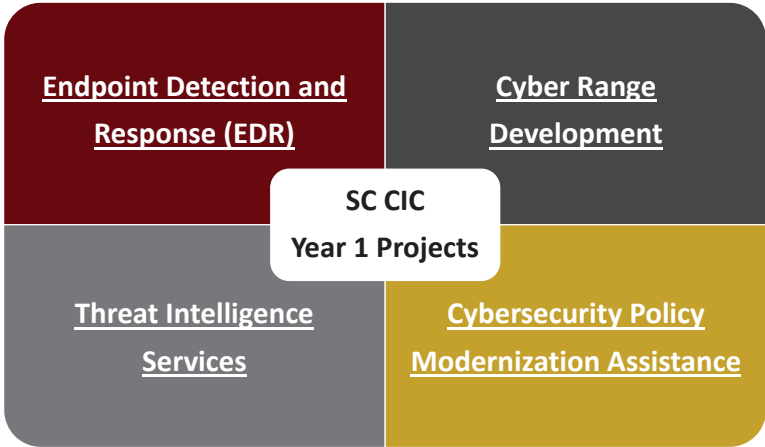
SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

GRANTS



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

GRANTS



SOUTH CAROLINA CRITICAL INFRASTRUCTURE CYBERSECURITY

GRANTS



State and Local Cybersecurity Grant Program

[Funding Totals](#)

[NOFOs & Documents](#)

[Contacts](#)

The State and Local Cybersecurity Grant Program provides funding to eligible entities to address cybersecurity risks and threats to information systems owned or operated by, or on behalf of, state, local, or tribal governments.

In 2022, the Department of Homeland Security (DHS) announced a first-of-its-kind cybersecurity grant program specifically for **State, Local, Territorial, and Tribal (SLTT) government** entities to help address cybersecurity risks and threats to information systems. This will make available **\$1 billion over four years** to support approved projects.

[HTTPS://WWW.FEMA.GOV/GRANTS/PREPAREDNESS/HOMELAND-SECURITY](https://www.fema.gov/grants/preparedness/homeland-security)

GRANTS



Homeland Security Grant Program

[Programs](#)

[Funding Totals](#)

[NOFOs & Documents](#)

The Homeland Security Grant includes a suite of risk-based grants to assist state, local, tribal and territorial efforts in preventing, protecting against, mitigating, responding to and recovering from acts of terrorism and other threats. This grant provides grantees with the resources required for implementation of the National Preparedness System and working toward the National Preparedness Goal of a secure and resilient nation.

State Homeland Security Program (SHSP)

This program provides funding to support the implementation of risk-driven, capabilities-based State Homeland Security Strategies to address capability targets.

[HTTPS://WWW.FEMA.GOV/GRANTS/PREPAREDNESS/HOMELAND-SECURITY](https://www.fema.gov/grants/preparedness/homeland-security)

GRANTS



South Carolina

[South Carolina Law Enforcement Division](#)

Robert Connell
(803) 896-7021
rconnell@sled.sc.gov



FEMA

The State Administrative Agency (SAA) is the only entity eligible to apply for and submit the application for the State and Local Cybersecurity Grant Program (SLCGP), Homeland Security Grant Program (HSGP) and its component programs.