

Kentucky National Guard Cyber Resilience Initiatives

Ready to Defend, Committed to Serve



The Paradox of Protection: Balancing Cybersecurity and Usability

Why Cybersecurity Matters to the GLIC?

- **Public Safety:** As the number of capable cyber criminals increases globally, so does the potential for a damaging cyber attack.
- **Public Trust:** From an Information Security Perspective, the amount of data captured across all environments continues to increase.
- **Efficiency & Security:** Although network interdependence may enhance efficiency and service delivery, it increases vulnerabilities to cyberattacks and dependence on external factors.

A Vision for a More Cyber Secure Kentucky



INCREASED TRUST



SHARED CYBER
CAPABILITIES



DECREASED RISK TO
KENTUCKY

Building a Cyber Network for the Future

Build a Network of Kentucky Cybersecurity Professionals to Train, Advise, and Assist Municipalities

- Train – Support Workforce Development by Providing Mentors and Education to Kentucky’s Technical Workforce
- Advise – Provide Advice and Recommendations on Cybersecurity Related Issues
- Assist – Provide Limited On-Site Assistance During Confirmed/Suspected Cyber Incidents or to Provide Recommendations for Hardening Physical, Network, or System Environments

Together, We Secure Kentucky

Emergency Support Function (ESF) 17: Cybersecurity

- In the event of a significant cybersecurity incident, ESF17 provides a **centralized entity** for responding to a cyber incident that affects the Commonwealth of Kentucky.
- ESF 17 provides a means of defining, specifying, and maintaining the functions and resources required to ensure timely and consistent actions, communications, and response efforts.
- ESF 17 ensures appropriate coordination and inclusion of necessary state, federal, and local agencies, and private industry, to minimize the impact of a cybersecurity incident.
- Lead Agency: Kentucky Office of Homeland Security

Together, We Secure Kentucky

Up Coming

- CISA/KOHS Table Top Exercise and Training
 - August 12th in Louisville
 - August 15th in Hazard
 - August 19th in Mayfield
 - August 27th in Bowling Green
 - August 30th in London
 - September 3rd in Frankfort
- Cyber Symposium September 4th at Murray State University
- Contact: phillip.ross@ky.gov for more information

Future

- Cyber City Kentucky State Fair 2025
- Cyber Capture the Flag Summer of 2025
- FEMA Region 4 Cyber Exercise Fall of 2025
- Contact: dayna.e.sanders.mil@army.mil for more information

Resources

- State and Local Cyber Grant Program (KOHS)
- Cybersecurity Services and Tools (CISA)
 - Regional Cybersecurity Advisor
 - Cyber Hygiene Services
 - Cyber Assessments
 - Table Top Exercises
- Electricity Subsector Coordinating Council Cyber Mutual Assistance Program
- Kentucky Army National Guard
 - Train, Advise, Assist

Contact Information



LTC DAYNA SANDERS, KYARNG CYBER PROGRAM
MANAGER, DAYNA.E.SANDERS.MIL@ARMY.MIL,
502-229-3239




MR. PHILLIP ROSS, KENTUCKY OFFICE OF
HOMELAND SECURITY, CYBER INTELLIGENCE
ANALYST, PHILLIP.ROSS@KY.GOV, 502-545-4364



MR. COLIN GLOVER, FEMA REGION 4 CISA
CYBER SECURITY ADVISOR,
CISAREGION4@HQ.DHS.GOV





How Do Municipalities Request Assistance from the National Guard?

Does the National Guard Share Any Information with Other Government Entities?