

KeystoneREN Chief Information Security Officer

KeystoneREN seeks a mission-focused, seasoned, strategic, collaborative, technically skilled individual capable of shaping a company's cybersecurity technology roadmap and driving security innovation. The CISO will work closely with KeystoneREN's Executive Director (ED) and leadership team including the Chief Technology Officer (CTO) and Chief Relationship Officer (CRO) on all information security aspects of KeystoneREN aligning technology strategies with business goals in support of the organization's mission, vision, and guiding principles. Reporting to the ED, the CISO will support technical, strategic, and leadership activities including, but not limited to, the following responsibilities:

- Security Risk and Compliance
 - Develop and implement KeystoneREN cyber strategy and assessment metrics.
 - Translate technical risk into executive-level insight for leadership, board and key stakeholder communities.
 - Advocate for cybersecurity investment at the institutional, state and regional level.
 - Establish metrics for cyber risk across KeystoneREN network.
- Technical Security Operations
 - Protect KeystoneREN's high performance network infrastructure and digital assets across the statewide network.
 - Work with KeystoneREN technical staff and partners to ensure highest security posture and optimal operational security.
 - Define and implement a security engineering tooling and automation strategy.
 - Drive innovation in network-level security (DDoS protection, anomaly detection, encrypted traffic analysis).
- Security Products and Services Portfolio
 - Develop security offerings such as Security Operations Center (SOC), client shared threat intelligence, secure research enclaves for regulated data (CUI, HIPPA, NIH, NSF), Quantum Public Key Infrastructure.
 - Work with the KeystoneREN client community to establish a statewide outreach and advocacy program for enhanced security awareness, support, and products.
- Stakeholder and Community Relationship Building
 - Represent KeystoneREN externally in the cybersecurity community.
 - Foster regional, national, international research and education cybersecurity collaborations and strategic partnerships.
 - Identify and collaborate with security technology vendors and industry leaders.
 - Provide cybersecurity leadership and oversight on KeystoneREN and/or multi-site collaborative federal grant projects and other externally funded initiatives.
- Other duties as assigned.

Working Conditions

The position is full-time with regular hours Monday – Friday. Working conditions are primarily remote with occasional travel to in-person meetings and client sites. Candidate must have the ability to lift and carry 40 pounds and the ability to stay at a terminal and use a keyboard and mouse for extended periods. Candidate must have the ability to travel to a variety of sites. Periodic weekend or evening work is expected. Candidate must be eligible to work in the U.S.