National Credit Union
Information Sharing & Analysis Organization

Identify – Protect – Detect – Respond - Recover

Moving from a "Reactive" to a "Proactive" Cyber Resilience Stance

Critical infrastructure represents the assets, systems and networks (physical or virtual), so vital that incapacitation or destruction would have debilitating and catastrophic cascading impacts within and across sectors. As cyber threats and attacks to global critical infrastructure continue to increase in frequency, severity, and sophistication, impacts can result in endangering national security, economies, business continuity, and public health and safety.

Cyber Resilience is dependent upon management of cyber risk, and the real-time availability of actionable cyber threat intelligence, bi-directional information sharing, analysis, coordinated response, best practice adoption, and education. Protecting critical infrastructure requires an unprecedented level of cooperation and coordination to bridge physical and cyber domains, and a sustainable collaborative infrastructure connecting public/private stakeholders…breaking down existing silos and boundaries.

To advance Credit Union cyber resilience, a strategic collaborative partnership established **the National Credit Union Information Sharing & Analysis Organization (NCU-ISAO)**. Just as Credit Unions exist to serve the needs of their communities, the NCU-ISAO exists to serve the unique needs of Credit Unions in today's regulatory and security space.

The National Credit Union Information Sharing & Analysis Organization (NCU-ISAO)

The **NCU-ISAO** is a non-profit organization, private sector-led and member-driven providing Credit Unions worldwide with a trusted, secure, and sustainable infrastructure to enable cyber resilience and maintain the public trust.

The National Credit Union Cyber Threat Intelligence Platform – Daily, Weekly, Monthly Advisories and Alerts, Actionable Automated Threat Intelligence Multi-Directional Information Sharing (STIX/TAXII Compliant – Cyber Observable, Incident, Indicator, Threat Actor, Campaign, Exploit Target, Tactics, Techniques and Procedures). Automated Threat Indicator Sharing with the U.S. Dept. of Homeland Security. Non-Cyber Information Sharing (Scamming, Phishing, Caller Scams/Extortion, Ransomware, Criminal Threats, Physical Threats (sector/cross-sector). NCU-ISAO Network Appliance – Automatic detection, alerts and sharing of network intelligence "sightings"

The National Credit Union Communications and Control Platform – Unified secure member-to-member communications, response planning, exercising, incident response (landline, cell, text, email, secure voice, secure video, mobile app two-way radio communications)

Global Cyber Incident Analytics – Advancing Cyber Risk Management - Identifying top risks, metrics, effective controls, sector differentiation, forecasting, trending, modeling, comparison to others (benchmarking)

Education - Credit Union Cyber Security Specialist Certification (CCSS) supported by a global cyber range (role-based curriculum, virtual range to exercise skills). Credit Union-specific training (FFIEC Maturity Tool, Regulator/Auditor Engagement, FFIEC-Specific)

National Credit Union Cyber Resilience Operational Guidance – Harmonizing and operationalizing best practices, frameworks, standards and regulatory compliance including alignment to the business mission by providing a common cyber resilience lexicon, and enabling adoption of cyber resilience operational and regulatory guidance into existing policies, processes and procedures.

Enabling Innovative, Member-Driven Initiatives - Benchmarking, formal interaction with Credit-Union peers, process process improvement, and regulatory strategies to engage with regulators to develop meaningful examinations

Best Practice Library – Best practice, templates, artifacts, product evaluation information, etc.

Regulatory and Operational Intelligence – Operational information, intelligence and benchmarking information related to NCUA, FFIEC, PCI, and other related guidance including the effective use of self- assessment tools.

Operationalizing Credit Union Cyber Resilience

The Financial Services Critical Infrastructure faces tremendous economic risks and increased regulations related to cybersecurity requiring Credit Unions to focus on the integration of cyber resilience risk management and regulatory compliance into their organizational cultures, and operationalizing security plans aligned to the business mission, standards and best practice.

Many Credit Unions face a huge challenge by not having the internal infrastructure, bandwidth, expertise, or workforce resources to devote to operationalizing cybersecurity.

NATIONAL CREDIT UNION ISAO (NCU-ISAO) - MEMBERSHIP VALUE PROPOSITION

- **The NCU-ISAO is member-driven** addressing credit union cyber resilience issues and challenges. led by the NCU-ISAO Executive Leadership Board (ELB) comprised of Credit Union representatives (large and small)

- **Public/Private Collaboration** – U.S. Dept. Homeland Security, Federal Sector-Specific Agencies, Financial Services Sector Coordinating Council, State/Local/Tribal/Territorial Government

- **Member-led Initiatives** – Supported by Member Committees (Technology, Regulatory, Operational Guidance, Education, Benchmarking, Security Services (Discounted Vendor Services)

- **Defining Voice Opportunity** – Contributing to Credit Union Cyber Resilience Regulatory Policy and Sharing of Credit Union-specific Trends and Stats with Examiners, Reduction of Cybersecurity Insurance Premiums, Best Practice, and Education

- **Enhancing Executive (Business) and Workforce Knowledge** – To Identify, Protect, Detect, Respond, Recover from Cyber Threats

- **Complementing Credit Union Staff Resources and Expertise** – Security resources, tools and templates to mitigate risk

- **Qualifying NCU-ISAO Credit Union Members for Information Sharing Legal Protections** (Privacy, Liability, and Civil Liberties Protection) – Cybersecurity Information Sharing Act of 2015

- **Information Sharing Technologies** for Credit Unions to Connect to an International Trusted Community to Significantly Strengthen Credit Union's Capabilities for Identifying and Mitigating Cyber Risks. Providing access to Sector and Cross-Sector Real-Time Cyber Threat Intelligence Multi-Directional Information Sharing, and Coordinated Response (Secure Communications & Control)

NCU-ISAO is a Member of the International Association of Certified ISAOs (IACI), connected to IACI's Global Threat Intelligence Repository supporting Sector and Cross-Sector Information Sharing, Coordinated Response, and Cyber Threat Information Sharing (Automated Indicator Sharing) with the U.S. Dept. of Homeland Security through appropriate Information Sharing Protocols. www.certifiedisao.org.

The NCU-ISAO is headquartered at the Global Situational Awareness Center (GSAC), NASA/Kennedy Space Center, Florida.

To engage as a Leading Member, contact…

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