

Feasibility of Creating a Non-Profit and Non-Governmental Organization Cybersecurity Incident Reporting and Dataset Repository Using OSINT

Stan Mierzwa, POC – Kean University

2025 CAE Community Symposium

2025 CAE Two Prongs

- 1 – Bring awareness to cyber threats against the Non-Profit Organization and Non-Governmental Organization (NGO) communities.
 - Lack of such a repository.
 - Where should the NPO/NGOs sit?
 - Lots of folks work in this area.
- 2 – Partner students that are new to cybersecurity (on the fence), as well as basic research activities.
 - No real prior knowledge of cybersecurity.
 - Include students. Felt like they participated.
 - First iteration – 168 records.
 - Second iteration - >260 records.
 - Selective perception.

Community Symposium

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Key Takeaways



- 1 – Students got engaged and felt like they were able to jump right in with contributing to a project.
 - Learned about the variety of cyber attacks
 - Broke down the basics of OSINT – can be more complicated, but obtained core knowledge.
 - Need the way to get started – show me how
 - Helpful going forward, especially mentoring students, hosting internships. Make it a job.
 - Teamwork and collaboration, if you did not write it down, it did NOT happen.
- 2 – US Small Business Administration grant to create the NJ Cybersecurity Regional Cluster
 - Relied on the NPO communities through faith-based organizations in performing cybersecurity risk assessments.
- 3 – Dataset available based on request.
 - Academic and international NPO and NGOs interested in the data and effort, as a means to protect their organizations.

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Non-Profit Cyber Incident Repository (NPCIR)

The Kean University Center for Cybersecurity started a data repository of publicly reported global cybersecurity incidents and attacks against the Non-Profit and Non-Governmental Organization (NGO) sectors. The dataset is called the Non-Profit Cybersecurity Incident Repository (NPCIR). The area of Non-Profits is just as vulnerable as other organizations that may operate in a for-profit or agency sector, and the purpose of this dataset is to be available for researchers, students, cybersecurity practitioners, and those working in the sectors of Non-Profit or NGOs.



NPCIR
NON-PROFIT CYBER INCIDENT REPOSITORY

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Make it Valuable and Important

2025 CAE Showcase the Students

Data repository and project featured in [Healthcare Info Security](#) and [Bank Info Security](#) of Information Security Media Group.

NPCIR Team Collaborators:

1. Prof. Stan Mierzwa, Ph.D.; CISSP, Head of Center for Cybersecurity, Kean University
2. Iassen Christov, M.A., Kean University
3. Caitlin Chiodo, Graduate Assistant
4. Heni Patel, Intern
5. Gurdeep Singh, Intern

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Stanley Mierzwa
Kean University
Union, NJ USA

Jassen Christov
Kean University
Union, NJ USA

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Credit to
Community - CPPJ



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Thank you!