



**CAE**  
IN CYBERSECURITY  
COMMUNITY

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

Stan Mierzwa, POC – Kean University

2025

## 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.

2025 CAE

## 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.

\* Funded in part through a Contract with the U.S. Small Business Administration.



**CAE**  
IN CYBERSECURITY  
COMMUNITY

2025 CAE Community Symposium

Make it Valuable and Important



KEAN

[Athletics](#) • [Alumni](#) • [Employees](#) • [Give](#)

[Quicklinks](#) ▾

[Search](#) 🔍

[Apply](#)

[Visit](#)

[Es](#)

[Academics](#)

[Admissions & Aid](#)

[Research](#)

[Student Life](#)

## 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

[Center for Cybersecurity](#)

[Degrees & Programs](#)

[Faculty & Staff](#)

[Resources & Information](#)

[Events](#)

[Student & Faculty News](#)

[Cybersecurity Awareness Training](#)

[Cybersecurity Student Activities](#)

[Campus Groups & Organizations](#)

[Experts](#)



**CAE**  
IN CYBERSECURITY  
COMMUNITY

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



**CAE**  
IN CYBERSECURITY  
COMMUNITY

[CPPJ](#)

[Home](#)

[About](#)

[Archives](#)

[Editorial Board](#)

[Submissions](#)

[Contacts](#)

[Search](#)

Cybersecurity Pedagogy and Practice Journal

Volume 3

V3 N2 Pages 48-57

Oct 2024

---

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

---

**Stanley Mierzwa**

Kean University  
Union, NJ USA

**Iassen Christov**

Kean University  
Union, NJ USA

2025 CAE Community Symposium

Credit to  
Community - CPPJ



# 2025 CAE Community Symposium

Thank you!