

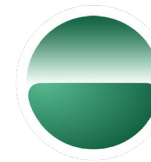


12TH ANNUAL LEADERSHIP EVENT

CYBER SECURITY SUMMIT

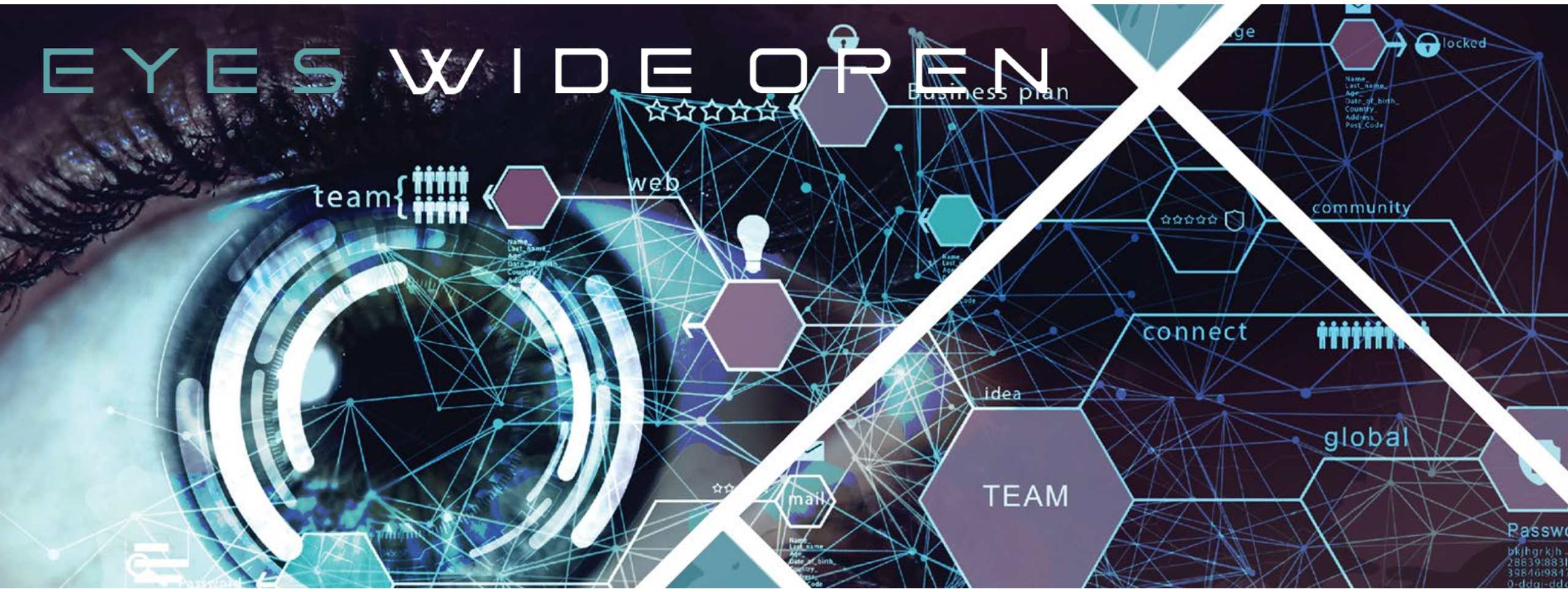
Security solutions through collaboration.™

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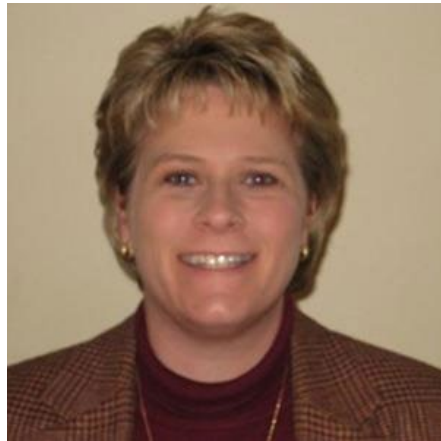


Island

EYES WIDE OPEN



Securely and responsibly disposing of your IT equipment



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Securely and Responsibly Disposing of your IT Equipment

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PCs for People

The Headlines

Morgan Stanley fined \$60 million by the OCC for failing to properly decommission hardware containing wealth management data

Trucking company to pay \$1.36 million in hazardous waste case

Minnesota-based Materials Processing LLC has been fined \$125,000

Former e-scrap company leader sentenced to prison

The Current Reality – Blancco & Ontrack Case Study

- 2019 study of hard drives purchased randomly on ebay
- Each seller advised proper data sanitization methods had been used
- 159 drives purchased (105 SSDs, 54 HDDs)
 - 66 drives contained data
 - 25 drives contained PII (personally identifiable information)
- **More than 15% of drives contained sensitive data useful to identity thieves or hackers**

<https://www.blancco.com/resources/rs-privacy-for-sale-data-security-risks-in-the-second-hand-it-asset-marketplace/>

Your Responsibility – The Law

- 25 states (including MN) have laws against disposing of electronics in the landfill. Fines of up to 10,000 for a single computer are possible in some states
- “Frequently, electronic waste is discarded as garbage and ends up in landfills. However, in Minnesota, you MUST recycle computer monitors, rechargeable batteries, televisions and components that contain mercury. They cannot go into the trash”
- E-waste comprises 70% of our overall toxic waste worldwide. 12.5% of E-Waste is recycled.

Data Sanitization Standards

- [Current Standard: NIST 800-88](#)
 - Comprehensive guidelines for media sanitization
 - Published by the National Institute for Standards in technology
- DoD 5220.22-M - Often referenced by vendors, however it is specific to magnetic media (HDD) and not as comprehensive as NIST 800-88

Key Certifications – Your assurance of a vendor's compliance

- **Data Security:** [NAID AAA \(National Association of Information Destruction\)](#)
 - NAID AAA certified companies are compliant with NIST 800-88, HIPPA and all other US data privacy regulations and audited for compliance in processes such as secure data sanitization, criminal background checks for employees, physical security and 90 days CCTV recording.
 - NAID website has a vendor locator tool
 - Note – Members of NAID may not be certified and certified members may not be certified for all services
- **Sustainability:** [R2:2013](#) SERI – Responsible practices for used electronics
 - Certified companies are audited and agree to legally and ethically recycle equipment – including their downstream vendors, avoiding the landfill
 - SERI website has a vendor locator tool

Electronics Recycling Business Model

Service	For Profit Example	Non profit Example (PCs for People)
Pickup	Fees Charged	No Charge
Data Sanitization	Fees Charged	No Charge
High Value Assets (ie laptop)	Revenue offered	Community Impact \$2.40 for every dollar invested
Recycling of Low Value Assets	Fees Charged	No Charge
Certificate of Destruction	Fees Charged	No Charge
Tax deduction	Not Available	Available

\$2.40 is from an Ecotone Analytics GBC white paper on social investment based on a Techpak project PCs for People was part of.

Vendor Selection

- Use a vendor who is NAID AAA Certified for data security and R2:2013 for sustainability
 - If that is not possible:
 - Google them
 - Check with BBB
 - Tour the facility
 - Verify they are following NIST 800-88 for all media types
- Request a copy of their Certificate of Insurance (COI) –verify they have a cyber security policy
- Consider using a nonprofit to increase your ESG (Environmental, Social, Governance) score

Local electronics recycling nonprofits with NAIDAAA & R2:2013 Certifications

- **Minnesota Tech For Success** (fka Minnesota Computers for Schools) – Provides educational programs and computers to Minnesota schools
- **PCs for People** – Provides computers, internet, computer repair and digital literacy skills to low income individuals and families nationwide
- **Repowered** (fka TechDump) – Provides jobs and training for persons facing barriers to employment

National nonprofit locator: [Digitunity](#) Note – Not all nonprofit resources are NAID AAA and R2:2013 certified

For More Information

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