

# Exploring e-Stewards certification: What it can do for your organization

## Presenters:

Austin Matthews  
EHS Program Manager  
Perry Johnson Registrars, Inc. (PJR)

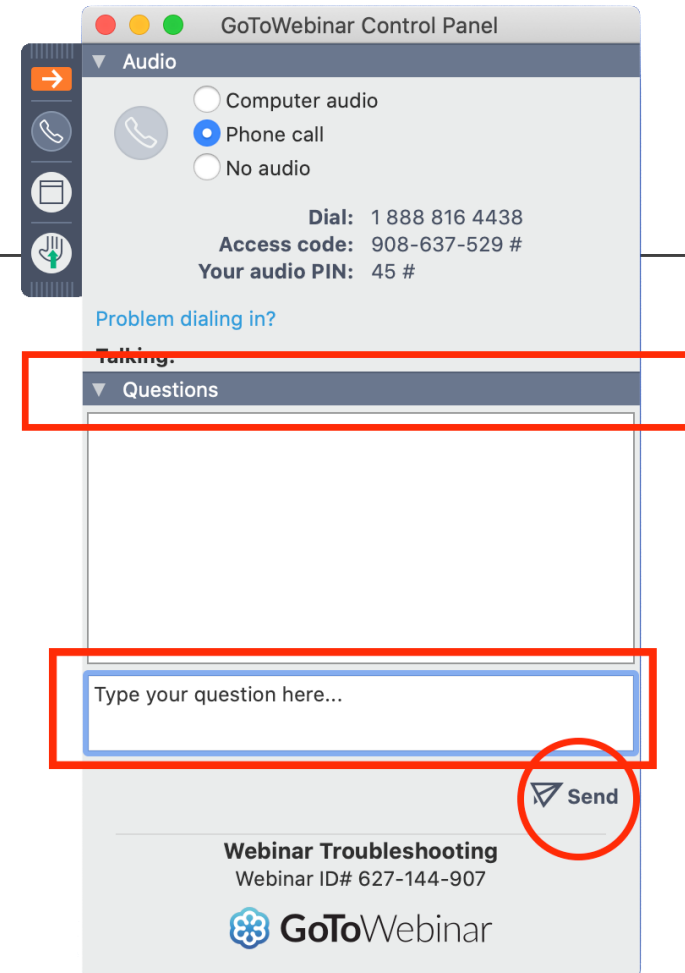


Selena Turnock  
Certification Director  
e-Stewards



# Housekeeping

- All attendees are muted.
- Q&A after presentation – please use question tab.
- Slides and recording will be available at [www.pjr.com](http://www.pjr.com) after the presentation.
- Reach out to [pjr@pjr.com](mailto:pjr@pjr.com) with any additional inquiries.



# Agenda

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- Welcome and introductions
- History of e-Stewards
- Why pursue certifications?
- Benefits of e-Stewards
- The e-Stewards' approach
- About PJR
- Process for achieving certification
- Questions & Answers (please use the “Question” tab)



# Basel Action Network & e-Stewards: History

# Evolution of e-Stewards Program

2002

BAN put out first documentary film, "Exporting Harm"

2003

BAN launched "Electronics Recycler's Pledge of True Stewardship"

2005

BAN produced "The Digital Dump: Exporting Reuse and Abuse to Africa"

2006-2008

BAN participated in the "Responsible Recycling" (R2) negotiations, until observing gaps in Basel Convention compliance

2009

e-Stewards Standard v1 released, and certification program was launched



# Evolution of e-Stewards Program



# Intent of the e-Stewards Certification Program

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- To provide e-waste processors – and their customers – with a rigorous, but practical, certification
- To provide the highest standard for globally responsible electronic recycling and refurbishment

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**Incorporates existing  
international trade laws**

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**Incorporates occupational health  
& safety requirements**

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**Prerequisites for Data Security**

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**Provides accountability,  
transparency, and social and  
environmental justice**





# Why Pursue Certifications?



# Key Terms

## **CERTIFICATION:**

Formal recognition that an organization or product meets the requirements of a standard, usually through third-party verification.

## **STANDARD**

A set of guidelines or requirements established to ensure consistency, safety, quality, and ethics in products, services, or processes.

# VOLUNTARY STANDARDS:



**Electronics Processing Industry**

e-Stewards Standard  
V4.1

## VOLUNTARY STANDARDS:



# What Can Voluntary Standards Do?

Prescribe best practices, beyond the law or other requirements

Increase environmental, health and safety initiatives

The e-Stewards® Standard  
for Ethical and Responsible Reuse, Recycling,  
and Disposition of Electronic Equipment  
and Information Technology  
Version 4.1®



February 22, 2022

Provide customers with assurance for responsible management of sensitive materials

Ease the burden of compliance

Give responsible companies a competitive advantage



# Key Benefits of e-Stewards



ENHANCE CUSTOMER  
TRUST

ENSURE  
COMPLIANCE

SUPPORT GLOBAL  
ENVIRONMENTAL  
SUSTAINABILITY











NO  
TRESPASSING  
VIOLATORS  
WILL BE  
PROSECUTED

HH

Alpha

Alpha

CRYLITE  
CRYLITE

INC

LW







# RESPONSIBLE MANAGEMENT OF MATERIALS OF CONCERN

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- Required at the point of control through the recycling chain
- Builds credibility and trust

How is this verified?



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**Scheduled Audits: Stage 1,  
Stage 2, Surveillance,  
Recertification**

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**e-Stewards Performance  
Verification Program**

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**e-Stewards Critical Non-  
Conformity Policy**

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**Other forms of Conformity  
Assurance**

# ORGANIZATIONAL- BASED CERTIFICATION APPROACH

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- Provides transparency
- Ensures consistency
- Builds credibility

What are the requirements?



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**All processing facilities under the same ownership must certify**

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**Includes sister companies and subsidiaries performing electronic recycling processes**

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**18-month timeline for certification**

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**Country-basis**

# e-Stewards PERFORMANCE VERIFICATION PROGRAM

- Showcases processors “doing it right”
- Enhances the credibility of the certification

What’s included? →

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**Unannounced inspections  
performed by e-Stewards PV  
Inspectors**

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**GPS tracking Materials of Concern**

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**Critical Non-Conformity Policy**

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# e-Stewards LEADERSHIP COUNCIL & STRUCTURE

- Varied industry stakeholders' participation
- “All or nothing” certification

How does this work? →

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OEMs, Processors, Enterprises, NGOs, & other Associations' perspectives shape our program

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LC members' terms cycle to ensure new voices can be heard

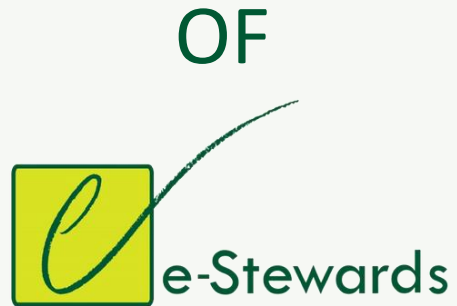
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Certified processors must meet all applicable e-Stewards requirements

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Specific logo use requirements

## OTHER FEATURES



### **INDUSTRIAL HYGIENE MONITORING:**

For processors utilizing a Potentially Hazardous Processing Technology (PHPT), industrial hygiene monitoring is required to ensure employee protection.

### **MATERIAL BALANCE ACCOUNTING:**

To ensure tracking throughput of material, Material Balance Accounting must be performed, ensuring outbound material is acknowledged as received by downstream vendors.

### **CONTINUAL IMPROVEMENT:**

Similar to other standards, e-Stewards Certification requires the completion of internal audits and compliance evaluations, and the use of continual improvement mechanisms such as objectives, risk analyses, and corrective action plans.





## PRINCIPLED:

### ETHICAL

Preventing global e-waste dumping and releases of private data, protecting human health and the environment

### LEGAL

We align our requirements and definitions with international law

### ACCOUNTABLE

We verify performance with GPS tracking and unannounced inspections.

With NAID AAA  
Certification required,  
every data-bearing  
device must be kept  
secured at all times.



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## **ETHICAL**

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Further, e-Stewards requirements do not allow customer data to leave a processor's facility unless going to an Immediate Downstream Provider who is also NAID AAA Certified and will perform data sanitization or destruction.

## **ACCOUNTABLE**

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Our parent organization, BAN, attends all Basel Convention meetings to ensure up to date knowledge regarding international regulations.

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## PRINCIPLED:

### ETHICAL

Preventing global e-waste dumping and releases of private data, protecting human health and the environment

This provides triple layer protection for your clients:

- 1) Annual audit
- 2) Unannounced inspections
- 3) GPS monitoring

### ACCOUNTABLE

We verify performance with GPS tracking and unannounced inspections.





## PRACTICAL:

### RESPONSIVE

We aim to ensure that our standard of best practices evolves in an ever-changing industry

### FLEXIBLE

We encourage innovation and value processor knowledge. We consider and vet amendments to the standard on a case-by-case basis

### CLEAR

Complexity does not equate to strength. Our standard is concise and straightforward.

Our Standard Committee is dedicated to keeping the standard up to date as our industry shifts and new requirements must be considered

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Recent Sanctioned Interpretations revised battery load testing requirements, based on feedback and a study completed by an e-Stewards Certified Processor.

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## PRACTICAL:

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The e-Stewards Standard has been reduced in total length by 53% from v3.1 to v4.1, without compromising rigor.

### CLEAR

Complexity does not equate to strength. Our standard is concise and straightforward.

## PREREQUISITES:



OR



ENVIRONMENTAL MANAGEMENT SYSTEM



DATA SECURITY





## KEY COSTS:

PREPARING  
YOUR OPERATIONS

AUDIT FEE

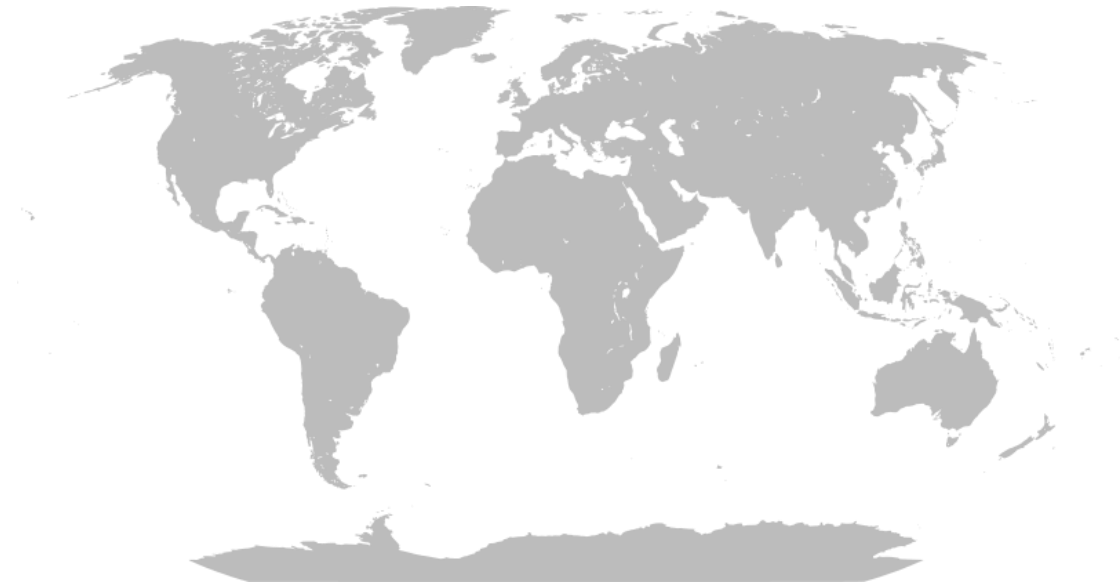
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MARKETING FEE



# Perry Johnson Registrars (PJR)

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- PJR is one of the leading Registrars. We have certified companies to various standards around the world.



# Perry Johnson Registrars (PJR)

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- PJR is accredited for:
  - ISO 9001
  - ISO 14001
  - AS 9100, 9110 & 9120
  - ISO/TS 16949
  - R2v3
  - RIOS
  - ISO 13485
  - SQF
  - TL 9000
  - ISO 45001
  - ISO 27001
  - ISO 22000
  - HACCP Compliance
  - FSSC 22000
  - **e-Stewards®**

# Steps for obtaining certification

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1. Apply for e-Stewards certification with e-Stewards AND a Certification Body
2. Obtain a copy of the standard(s), review the requirements, and consider a gap analysis
3. Establish management system documentation to meet e-Stewards® requirements
4. Train employees to management system and e-Stewards requirements
5. Implement the management system and maintain records as evidence
6. Conduct an internal audit of the management system
7. Conduct a compliance evaluation
8. Conduct a management review (including the outputs of the internal audit as inputs)
9. Complete Stage 1 and Stage 2 audits (see the next slide)

Don't forget the  
prerequisites  
certifications,  
NAID AAA and  
either ISO 14001  
or RIOS!

# Steps for obtaining certification

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- The registration audit consists of two stages:
  - Stage 1:
    - Primarily a review of the management system documentation to assess whether the framework or documented processes will meet standard requirements
    - Evaluates the readiness of your organization to proceed to Stage 2
  - Stage 2:
    - Audit of the entire management system and all the organization's processes to verify effective implementation of standard requirements
    - Any nonconformities will need to be resolved prior to technical package review and certificate issuance

# Steps for maintaining certification

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- Annual audits are required:
  - Surveillance audits
    - Scheduled at either six or twelve month intervals, depending on the contract
    - Partial system audits, with annual sampling criteria stipulated by e-Stewards
  - Re-certification audit
    - Full-system audit conducted prior to the third anniversary of the initial certification, resulting in the issuance of a new certificate
    - Surveillance audits will then continue, as before, on a 3-year cycle



# Thank you

Perry Johnson Registrars, Inc. (PJR)

248-358-3388

pjr@pjr.com

www.pjr.com



Request a Free Quote!