

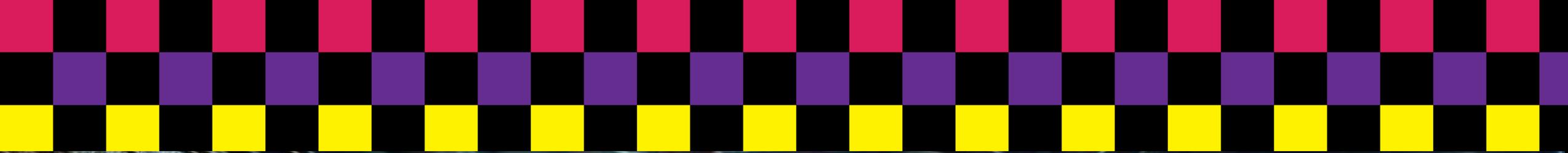
# IAITAM ACE 2025

ITAM - Another Brick In The Wall

“IT” is always about Managing the Risks...

DATA or Otherwise!



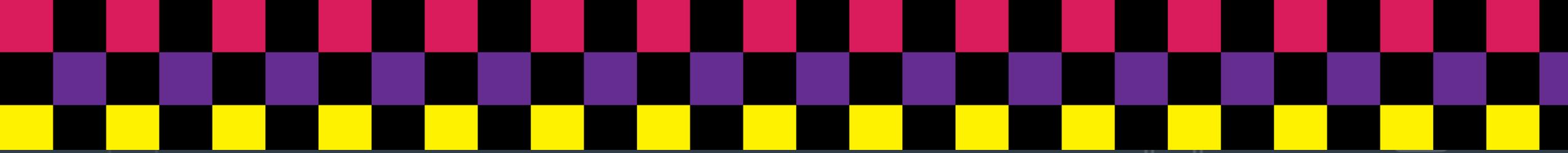


**THREATS** ARE EVERYWHERE

**Security, Compliance & Sustainability = Managed Risks**



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Cell Phones & Tablets

Peripherals

Compliance

Recovery Value

Servers & Network

Computers

Security

Laptops

Hard Drives

Monitors

Smart Docks

Sustainability

IP Phones

Smart TV's

Storage Configurations



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# Documented Disposal

## Security, Compliance & Sustainability

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Security is Everything!

- Top concern / hot button for every organization
- Privacy Laws are getting more robust and are requiring documentation and compliance.
  - GDPR, CCPA, CPA, VCDPA + 27 State Laws and 11 with Bills in Process!
- Even if no one accesses your data and uses it maliciously, loss of control will cost your organization.



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## Security, Compliance & Sustainability

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ITAM Program: *Where Do We Start?*

Does ITAM - IT Asset Management have a role in security concerns?

**“You Can’t Secure *What You Don’t Know You Have!*”**

- If it stores data, IT needs to be managed.
- Map your data flow and the infrastructure it passes through. If data touches it, Manage IT!

Building your ITAM Program and integrating lifecycle of assets from acquisition to disposal is security’s Best Friend



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## Security, Compliance & Sustainability

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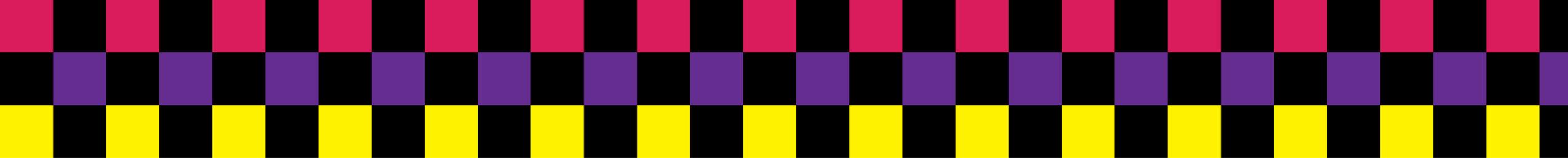
### What Steps to Take?

- Vulnerability assessment – Critical asset class ranking
- Establish Policy and Procedures for each asset class to secure data. This is an organizational effort.
- Prioritization is necessary to maximize reduction of vulnerabilities
- Create a policy and program for detailed tracking of assets.



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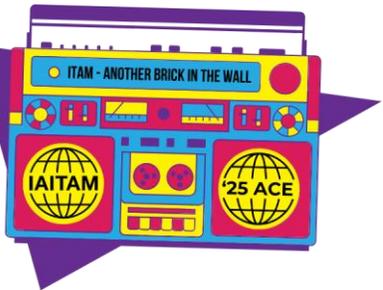
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## Security, Compliance & Sustainability

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### Policy and Governance: Keys to Security

- Written polices for data security and destruction need to be put in place and procedures defined to support the policies.
- Written polices and procedures need to be reviewed on a regular basis (quarterly, with new threats and technology).
- Establish clear cut ramifications for breaches of policy and procedures.
- Embrace the GRC concept. – Governance, Risks, & Compliance.



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## ITAM and the KPAs

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### Key Process Areas

- Fundamental to build a complete ITAM Process
- Interdependent / Interrelated on each other

#### Core KPAs

- Program Management
- Policy Management
- Communication & Education

#### Operating KPAs

- Acquisition Management
- Asset Identification & Tracking
- Disposal Management
- Documentation Management

#### Controlling KPAs

- Compliance Management
- Financial Management
- Legislative Management
- Project Management
- Vendor Management



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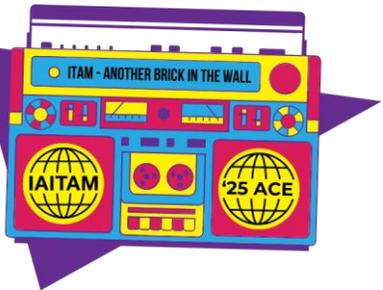


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## ITAM and Security Intersection – Lifecycle Management

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- Hardware need to be evaluated and selected based on security implications ( Cables now exist that store data...).
- Technology asset providers' and service partners' security measures need to be assessed.
- Assets must be documented and secure when distributed into your environment.



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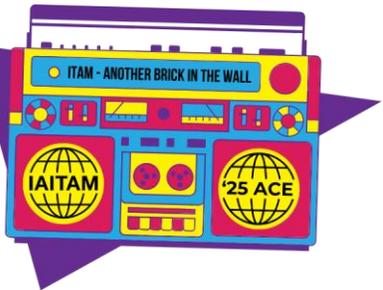
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## ITAM and Security Intersection – Lifecycle Management

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- Monitor all Installs, Moves, Adds, and Changes (IMAC)
- Service Management, Asset Management and Change & Configuration Management will need to work together.
  - Link service partners as well as any tools to document *Who, What, When, Where, Why* and *How?*
- If an asset or group of assets falls into the wrong hands...

Security is Breached!



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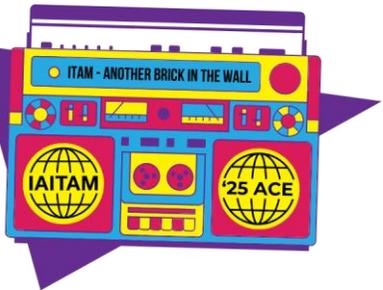


# Documented Disposal

## ITAM & Security Intersection – 6 Core Goals for Disposal

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- Dispose of assets legally and securely
- End-of-use process is defined and disposal procedures are implemented
- Disposal requirements are identified and understood
- Software is harvested and reallocated
- Assets are accurately tracked
- Information Security of disposed assets is ensured



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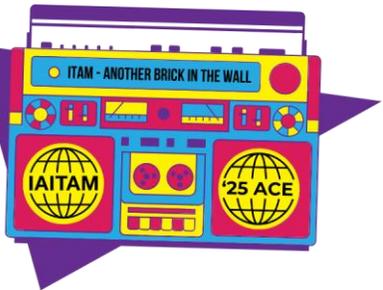
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## Disposal Management – Risk Management, Stored Data

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There are two buckets of stored data:

- Enterprise / Organizational - brand, financial, reputational confidential information
- Customer / Student information – PII (personally identifiable Information), PHI (protected health information), Transcripts, performance / behavioral information



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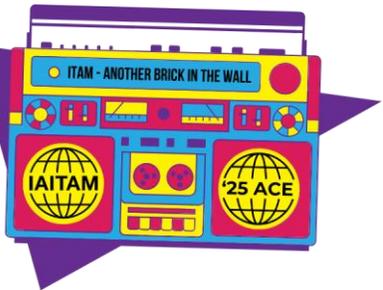
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## Disposal Management – Risk Management, Stored Data

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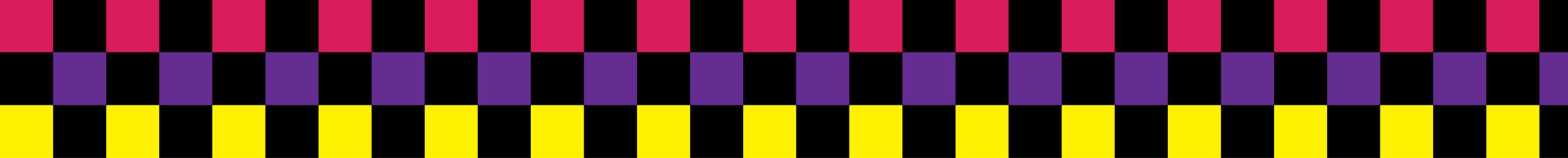
### Policy & Processes to be Considered

- Chain of custody validation
- Data wiping / erasure procedures
- Evaluation of methods for data security and / or destruction
- Audit of data removal
- Procedure for notifying customers / constituents / employees



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# Documented Disposal

## Disposal Management – Policy Management

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- Specifies what needs to be accomplished, who must follow the policy and why it is important!
- Must have hierarchy of rules to guide “ Risk vs. Value” assessment.
- Authorizes disposal program and specifies compliance.
- Dictates security requirements, sustainability protocols, required documentation and vendor certifications.
- Dictates parameters of resale, reuse and all forms of transfer of ownership.



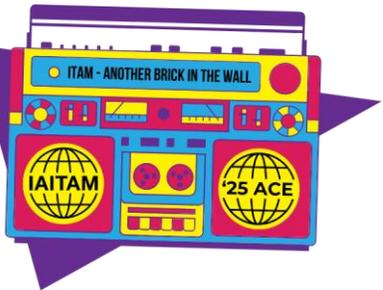
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## Disposal Management – Vendor Management

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- Specifies process for vendor selection and certifications.
- Establishes rules for selling disposed devices, charitable donations, resale to employees and sustainability initiatives.
- Defines due diligence requirements.
- Gathers info about the vendor, services, terms & contract language and document the process and results.
- Supports Risk Management & Maximizing Value!



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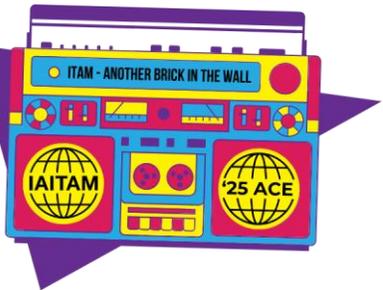
# Documented Disposal

## Disposal Management – Vendor Credentials

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### Certifications – Why?

- e-Stewards
- R2
  - NAID AAA
  - RIOS
  - OHSAS18001
  - ISO14001
  - ISO9001
  - ADISA
  - ISO27001
  - ISO27002
  - NIST800-88
  - ISO15408
  - ISO45001



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# Documented Disposal

## Disposal Management – Vendor Credentials

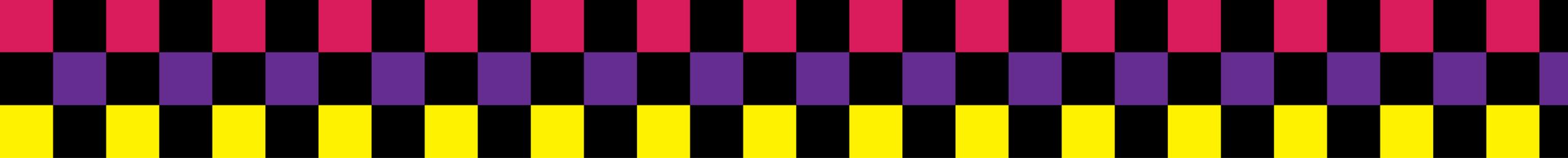
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- Locations
- Types & volumes of devices handled
- Business model & capabilities
- Pricing
- References
- Logistics capabilities
- Insurances
- Knowledge of the laws
- Documentation offered
- Audit rights
- Certifications



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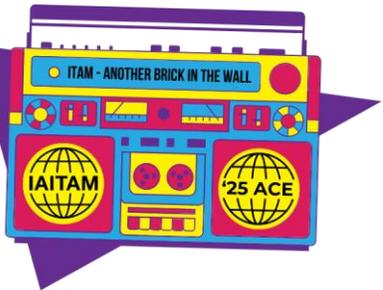
## Disposal Management – Asset Removal

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### Physical Disposal Security Plan

Begins at End-of- use

- Movement – Secure storage, Staffing verification, Security Technology
- Assets – Inventory, Hazardous Materials, Incident plan, Scope of devices



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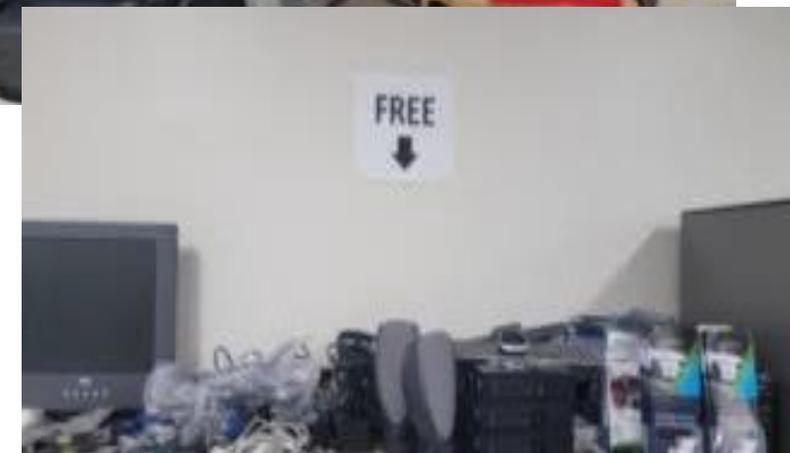
# Documented Disposal

## Disposal Management – Asset Removal

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### Storage and Transportation

- Temporary, staging, secondary locations
  - Security, access, length of time
- Logistics
  - Organization, Vendor, 3<sup>rd</sup> party
  - Credentials, background checks, insurances
  - Transfer of ownership



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# Documented Disposal

## Disposal Management – Asset Removal

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### Processing – Testing, Resale, Recycle

Credentials  
Certifications  
Insurances  
Security  
Environmental Sustainability  
Resale  
Reuse  
Charitable Donations

Downstream Partners  
Capabilities  
Track Record  
Facilities  
Pricing  
Destruction  
Employee Buyback



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# Documented Disposal

## Disposal Management – Asset Removal

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### Documentation

- Certificate of Erasure / Data Destruction
- Certificate of Disposal or Destruction
- Transfer of Ownership
- Audit / Inventory Reporting
- Financial Records
- Contracts, Quote, Statement of Work
- Non- asset Device Record
- Due Diligence



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# Documented Disposal

## Disposal Management – Risk Management, Environmental

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What is E-Scrap / E-Waste?

- Toxic Waste or harmful to our environment.
- Non-harmful materials with little to no value.
- Recyclables / commodity material with value.
- Integral to all electronics



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# Documented Disposal

## Disposal Management – Risk Management, Environmental

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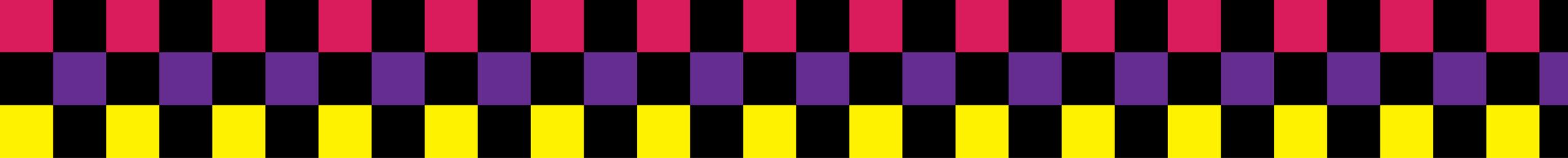
E-Scrap has a global impact. State, Federal and International based

- Long standing, complex, and compound specific
- Regulated – U.S. EPA
- Categorized – U.S. CERCLA's (ignitability, corrosivity, reactivity and toxicity)
- Global – Basel Convention: controls the transboundary movements of hazardous wastes and disposal
- Applies to all generators of materials.



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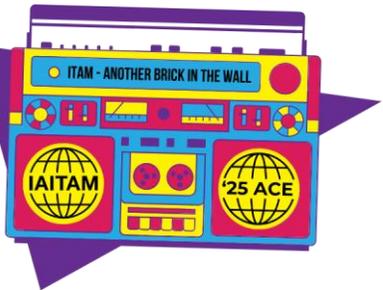
## Security, Compliance & Sustainability

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You Can't Secure *What You Don't Know You Have!*

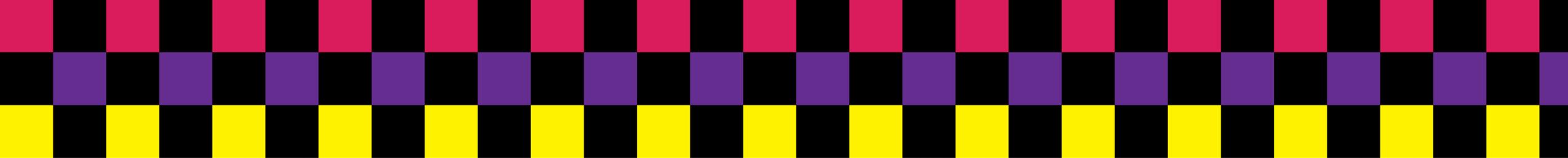
- If it stores data, IT needs to be managed.
- You are responsible for the Who, What, When, Where and Why related to all aspects of IT hardware from Pre-procurement to post disposition.

Manage Risks... then Maximize Value



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Risk Management is our specialty.  
Now you can make it yours.

**PARTNER WITH ARCOA.**



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# Connect with Me!



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