



The Afterlife: Recycling and Reuse of Old IT & Communications



PRESENTED TO:

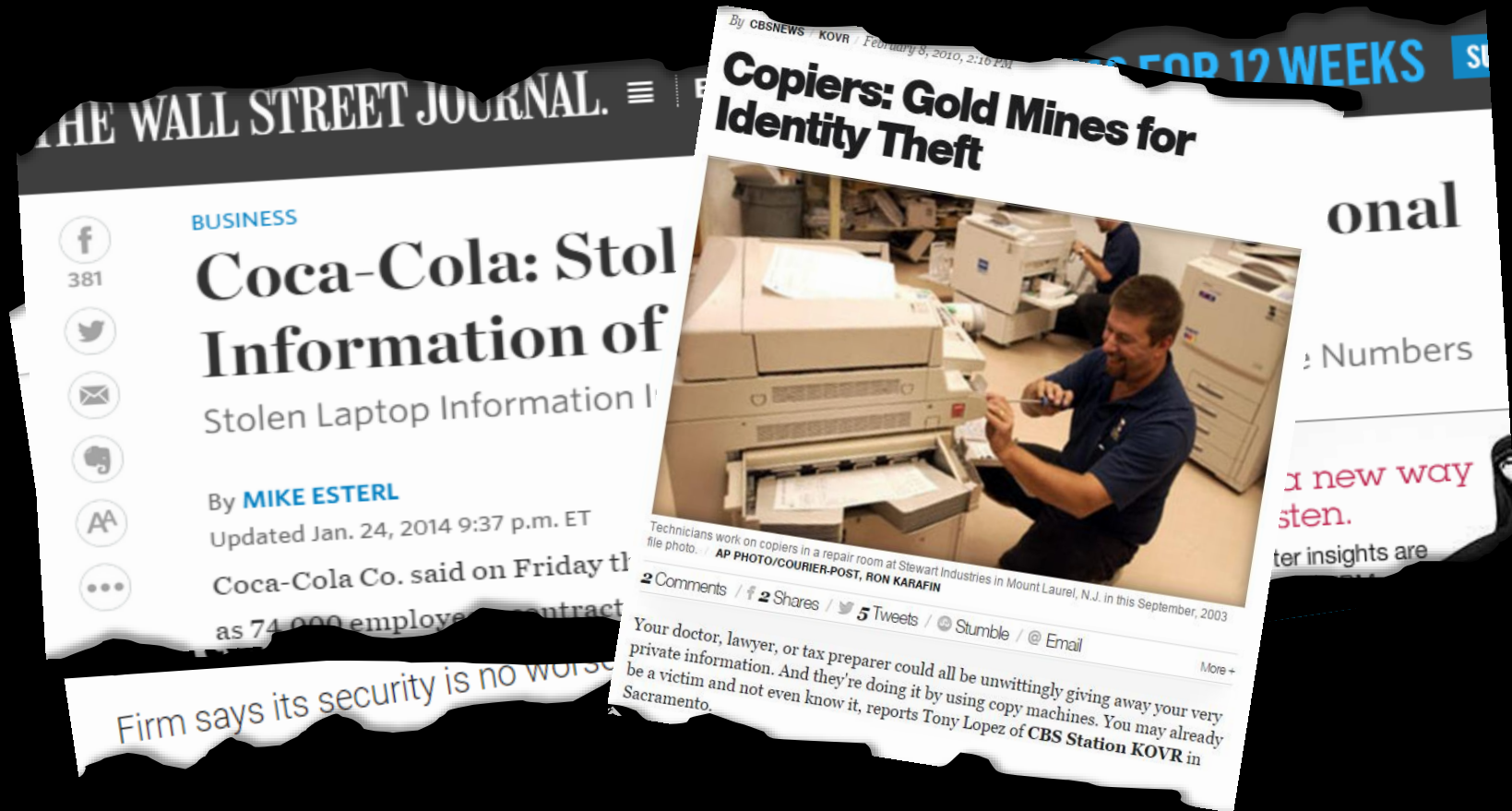
TFI Communications Technology & Asset Valuation Conference
January 26-27, 2017, Austin, Texas

DID YOU KNOW?

134.5 million IT assets currently sit idle in America alone – and a mere 18% are likely to be recycled.

Source: U.S. Environmental Protection Agency (EPA)

The average data breach cost has grown to \$4 million, representing a 29 percent increase since 2013, according to the Ponemon Institute



Environment

Decades of Experience

State of The Art Processes

Industry Best Practices

Zero Landfill Policy

No Overseas Processing

Customized and Complete ITAM/ITAD
Service Offering

Reporting Transparency and Security

For over 35 years, ECS Refining has led the e-waste industry in adhering to a policy of “no landfill” and “no-export” of problematic materials in the e-waste stream. Our certifications include but are not limited to:



ECS facilities are built with over 60 cameras of the latest in closed-circuit television and staffed 24/7



All employees pass stringent background checks, drug testing and receive comprehensive training

Mitigating Downstream Liability

Secure Chain of Custody

- ECS has possession of your assets throughout the entire ITAD process
- Material receiving documentation
- Strict security protocol

Physical Facility Security

- 24 hr Surveillance & Manned Gates
- Metal Detectors
- High Security Cages for HD & sensitive material
- Sealed Trucks (Option)



Chain of Custody



Obsolete Devices Posing Security Threat/Occupying Sq. Footage



Decommissioned IT equipment sanitized



Inventory record to track destroyed devices

Decommissioned IT equipment
sanitized

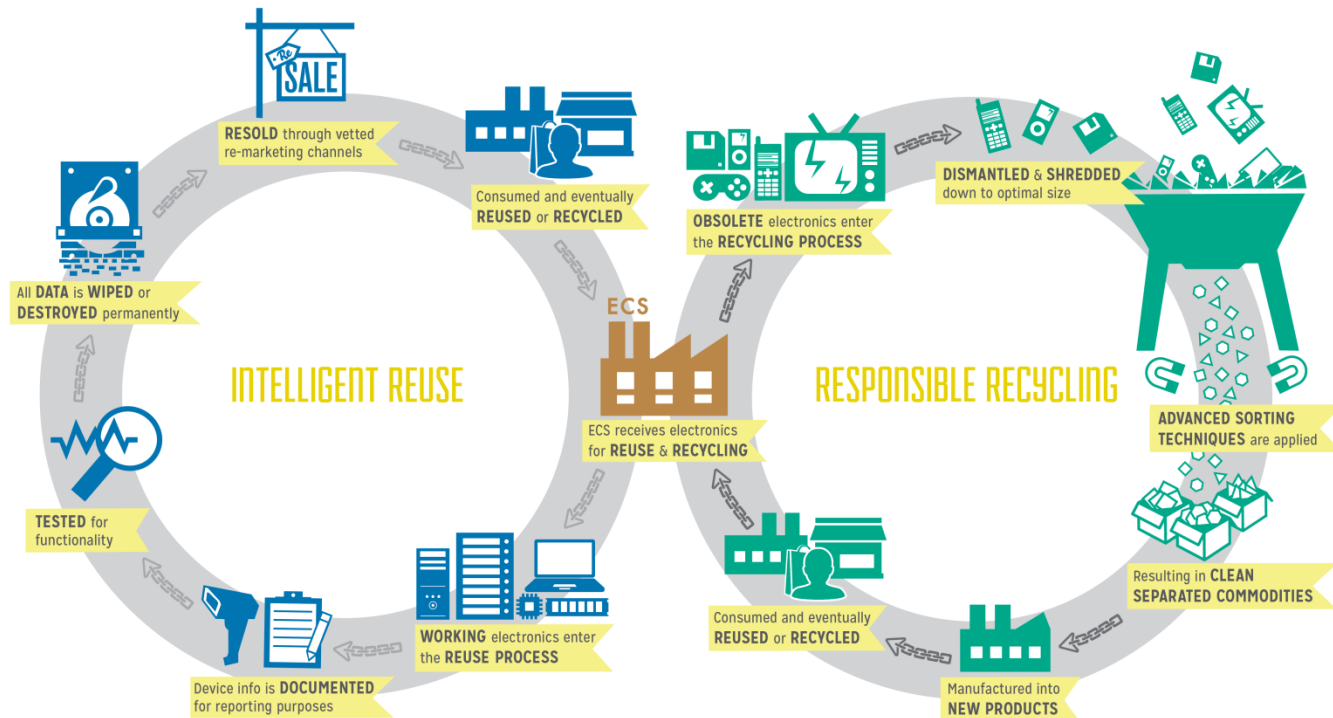
Inventory record to track destroyed
devices

ECS REFINING

Product Lifecycle - Reuse, Parts Harvest & End-of-Life Processing

ECS REFINING

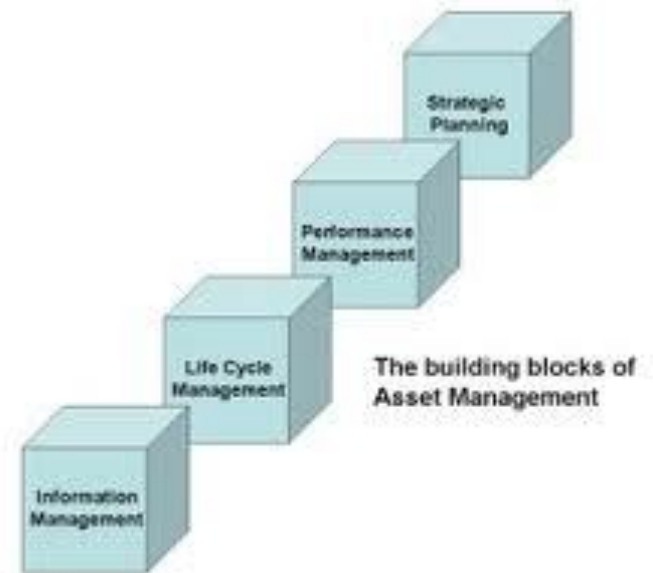
PRODUCT LIFECYCLE



ITAD Solutions

Develop specific programs and tracking capabilities to manage excess and obsolete materials.

- Tracking of all Materials Received
- Asset Inventory
- Auditable Downstream
- Complete Reporting Structure:
 - Acknowledgement of Receipt
 - Inventory Reporting
 - Destruction Reports
 - Settlement
- Recorded Weights of Recycled Materials



ECS REFINING

Asset Management Solutions

ECS AMS provides a complete end-to-end solution for ITAM/ITAD services in compliance with R2 & e-Steward's guidelines and requirements



- White Glove De-Installation
- Data Destruction and Security – Drive Wiping and Shredding
- Reverse Logistics – Collection, onsite palletizing and packaging
- Take-back Programs – Customer Trade-In, Evaluation Unit Returns
- Refurbishment and Resale
- Redeployment Services
- Asset Value Optimization

ECS utilizes barcode scanners to methodically capture your electronic device details that are used for reporting



Asset Tag Removal



**No electronic device leaves our facility
without being physically shred or stripped of
its asset tag**

Secure, Simple, Fast Electronic Media Destruction



ECS REFINING

Asset Managed Services

Automated Scan and Hard
Drive Removal Line



Transparency

Reporting

From pickup to final disposition customer has transparency to all material, regardless of status, work in progress, or shredding, your assets are tracked throughout the entire process.

- BOL – 48 hrs.
- Receiving Record – 48 hrs.
- Basic Audit – 10 days
- Lot Transaction – 60 days
- Settlement – 60 days
- Certification of Destruction – 60 days
- Samples provided

Enterprise TMS Bill of Lading

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RECEIVING REPORT

Grifols Diagnostic Solutions
1300 53rd Street

Lot #: 11

BASIC AUDIT REPORT

Grifols Diagnostic Solutions
1300 53rd Street

Int

LOT TRANSACTION DETAIL REPORT

SETTLEMENT REPORT

Grifols Diagnostic Solutions
1300 53rd Street

Certification of Destruction & Recycling

Document certifies that the material described below was received and
disposed of by ECS Refining AMS. The materials were beneficially recycled.

Thank You for your time!

ECS REFINING Changing the shape of what matters.

Responsible recycling and end of life services for electronics,
industrial equipment and hazardous wastes.

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