

Federal Electronic Challenge Getting Results

Case Study:

Selecting a Recycler - VA's Signs MOU With UNICOR

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Department of Veteran Affairs (VA) Is One of The Largest Federal Agencies

- Challenge To VA
 - Lack of government-wide standards for environmentally sound management/disposal practices.
- It Is Important That VA Maximizes Efforts In Its IT Disposal Program:
 - Because data supports *hazardous waste* determinations

Unique VA IT Challenge

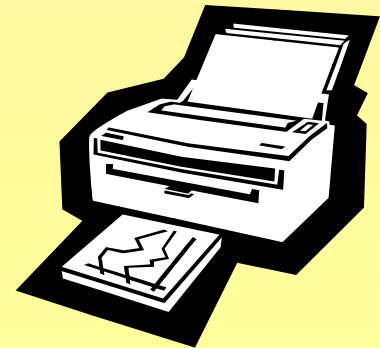
- The Privacy Act of 1974, 5 U.S.C. 552a protects sensitive, non-public information
- More recent Federal security/privacy laws are the Gramm-Leach-Bliley Act of 1999
- HIPPA, which protect disclosure of non-public financial data and medical information, respectively.

VA Property Office Works With Office of Cyber Security

- VA “Sanitization Certification Program” Created
- Sanitizing Software “Data Eraser” Distributed

Accounting for IT disposed Equipment

- Property Managers are Asked Not to Accept Turn-ins Without Certificates of Data Removal
- Property Managers Shall Maintain all Disposal Documents



Many IT Technicians Claim

- Don't have time to run software**
- Don't have resources to run software**
- Don't have space to run software**
- Don't have software**
- IT Sanitizing contractor claim software does not work**

Solution - Use of Keyboard-Video-Mouse Switch

- Allows multiple computers to be controlled by one monitor, keyboard and mouse**
- Most models are scalable in multiples of 8 or 16**
- Keyboard & mouse emulation permits simultaneous boots**

Use of Keyboard-Video-Mouse

Switch continued

- **Several computers may be sanitized in a relatively small space**
- **Also very useful for software configuration modification, repair and testing**
- **In combination with desktop switch multiple computer can access the network through a single drop (very useful for Windows or COTS updates)**

Federal IT Challenge

- Ensure IT Equipment is Being Managed in an Environmentally Sound Manner
- Keep IT Equipment Out of Waste Stream
- Minimize the Resources Managing IT Disposal
- Maximize Reuse/Utilization
- Purchase “Greener” Electronics Products

Federal Condition Codes

1 – New. Property, in new condition or unused condition & can be used immediately without modifications or repairs

4 – Usable. Property, showing some wear, but can be used without significant repair

7 – Repairable. Property, unusable in its current condition, but can be economically repairable.

X – Salvage. Property, with value in excess of its basic material content, but repair or rehabilitation is impractical and/or uneconomical.

S – Scrap. Property, has no value except for its basic material content.

Is IT Item Being Disposed or being Replaced?

Yes

No



Exchange/Sale
(FPMR: 101-46.002-3,4)

Unrequired

Screen locally
(VA Handbook 7343)



Screen VA wide
(VA Handbook 7343)

Trade-in

Sell

Excess

Auction (dot.com)

GSA Sale/Auction
Links to FEDS

Local Sale

CFL

Report to GSA
Federal Screening
(FPMR: 101-43.302)

Proceeds Retained
for New Purchase

Donation
(FPMR: 101-44.101)

If Unsold, Property
Reverts to Excess Process

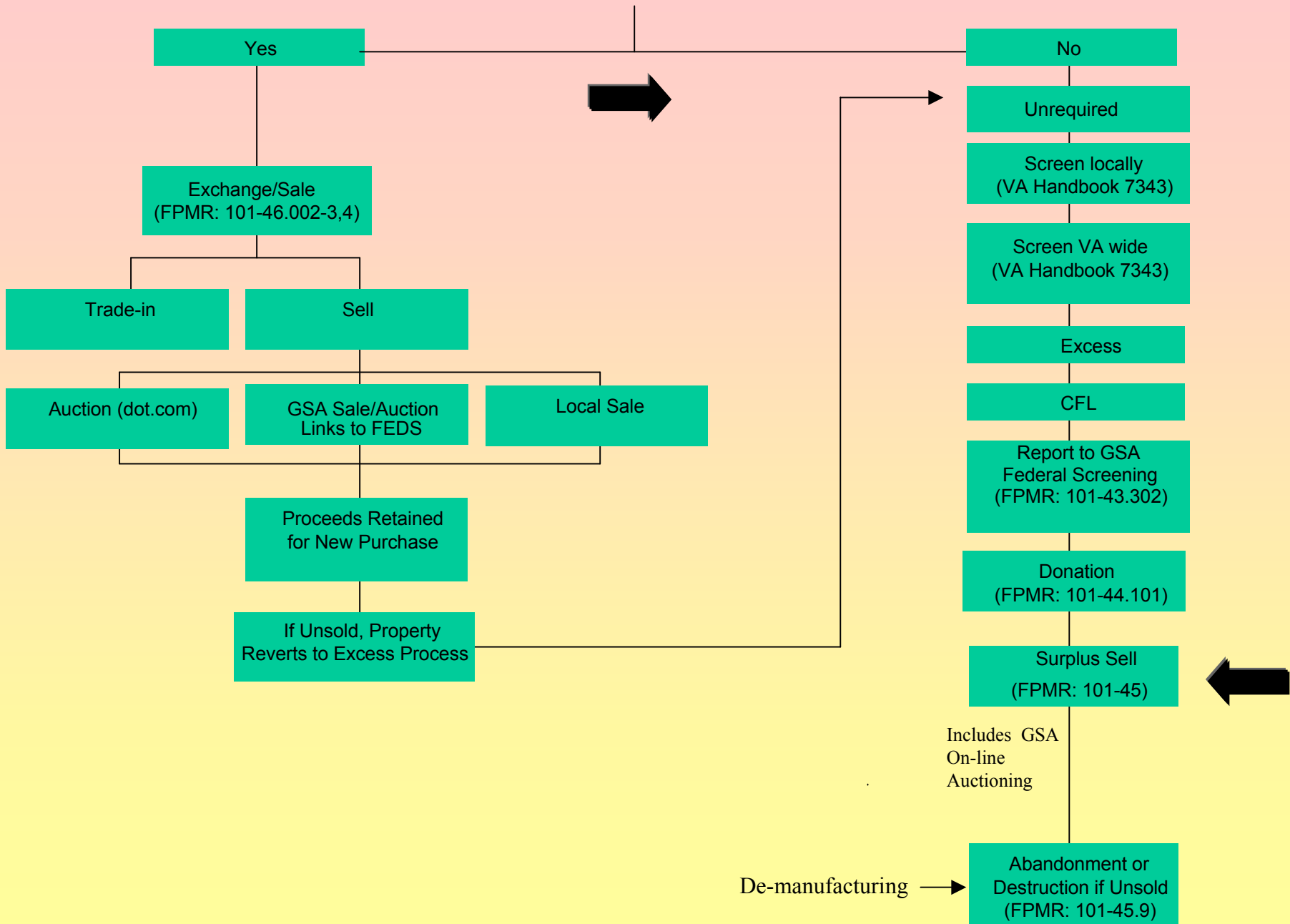
Sell
(FPMR: 101-45)

Includes GSA
On-line
Auctioning

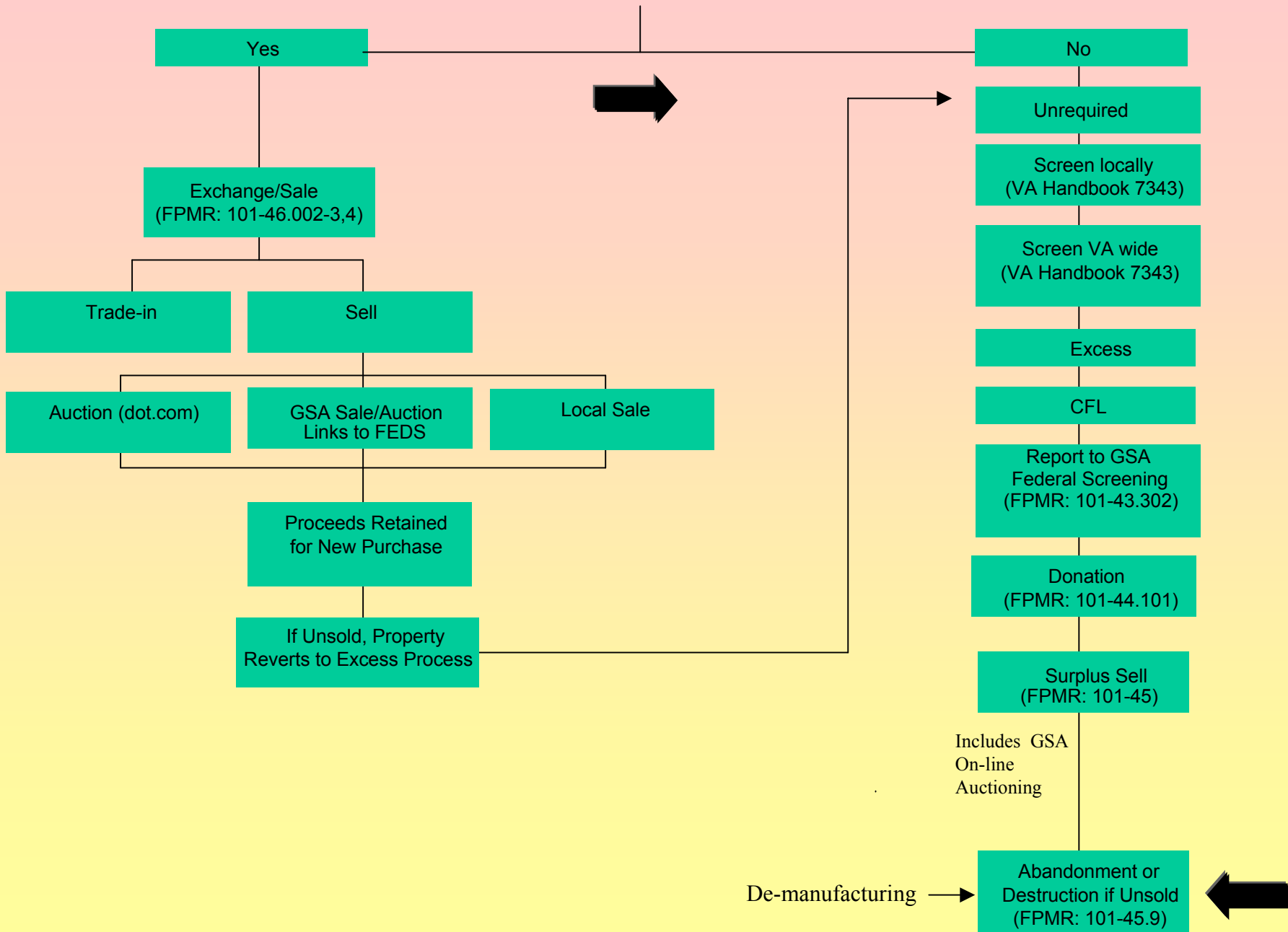
De-manufacturing →

Abandonment or
Destruction if Unsold
(FPMR: 101-45.9)

IT Disposal



IT Disposal



No Problem VA Signs MOU With UNICOR

- VA Begins discussions with UNICOR 2001
- GSA Issues bulletin not to use transfer but in lieu of A/D

Why Did VA Select UNICOR?

- UNICOR is Another Federal Agency
- Has an Excellent De-manufacturing and Recycling Program
- Assists with Rehabilitation
- Program is Cost Effective
- Incorporates Safe and Environmentally Sound Practices
- Security is Top Notch

IT De-manufacturing Requirements

- Facility Property Management (PM) Should Coordinate Truck Loads with other facilities
- PM should coordinate transfer with VACO, Traffic Manager; 202-273-6118

VA Recycles through UNICOR

VA Shipments to UNICOR:

Freight Shipments = 166

Pallets	Weight	Total Cost of Shipping
2838	1,831,446	\$136,610

Average Cost per shipment is \$823

Better Solutions?

Suggest Better Contract language!

- **IT Purchasers need to consider life-cycle Assessment**
- **Such considerations need to be implemented during the acquisition planning**
- **Include language in the “Statement of work”, “Solicitation”, & “Contract” as to what manufactures should offer in their products?**

Acquisition Clause?

e.g., “your organization” will give preference to contractors that can provide a secure and sustainable method in effectively erasing Hard Drives without the destruction of the original operating software or, that can provide:

- Separate hard drive for adding sensitive data**

How Does Such Contract Language Assist With Handling Computers?

- **Makes it easier for IT technicians to sanitize data**
- **Maintains longer life-span for computers when equipment is no longer needed by an organization verses destruction of hard drives**
- **Provides method for reuse in an agency as well as in Government**
- **Provides much needed computers to CFL Program**
- **Eliminates Worms and other Viruses from attacking Operating Software.**

Thank You Very Much

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