

**Georgia
Tech**



Pass It On
C E N T E R

... the National AT Reuse Center



**Pass It On Center (PIOC)
Presentation to the Administration for
Community Living:
The Role of AT Reuse**

**US Department of Health and Human Services
Administration for Community Living
Washington, D.C. 20201**

September 28, 2015

www.amacusg.org



Rob Groenendaal

Assistive Technology Program, ACL

WELCOME AND INTRODUCTIONS

Meeting Objectives (1 of 2)

- **Provide an overview of reuse in the AT Act**
- **Explore AT reuse tools and resources developed by the Pass It On Center**
- **Share information about roles for reuse in:**
 - Community living; independent living; nursing home transition
 - Collaboration with Medicaid and other third party funders
 - Emergency Planning and Response; collaboration with FEMA/ODIC

Meeting Objectives (2 of 2)

- **Identify opportunities for collaboration around AT Reuse gaps and needs**
- **Identify opportunities for research in AT reuse**
- **Identify opportunities for continued support for reuse initiatives**



Carolyn Phillips, Director, Pass It On Center
Joy Kniskern, Principal Investigator

OVERVIEW OF PASS IT ON CENTER

Establishment of Pass It On Center

- The Pass It On Center was created in 2006 through a 5-year cooperative agreement awarded by the U.S. Department of Education, Office of Special Education and Rehabilitative Services, and administered by Tools for Life, Georgia's Assistive Technology Act Program.
- Twelve 3-year demonstration grants were awarded to states.
- The Pass It On Center was designed to serve as a national technical assistance center on reutilization for the grantees, AT Act Programs and their partners.

Pass It On Center Structure and Staffing

- The management and professional resources of Tools for Life were shared to create an operational infrastructure for the Center: Director, Principal Investigator, and Training and Development Manager.
- A National Task Force (NTF) on AT Reuse was created.
- Leaders of existing AT reuse programs provided expertise for education and guidance.
- Consulting resources were used for legal counsel, support in building the Knowledge Base, and development of Web resources and tools.



National Task Force on AT Reuse

NTF members who drive new initiatives and advise the program customers are national leaders from:

- AT Act Programs
- Nonprofit reuse programs
- AT professions
- The AT industry
- Academic centers

Reuse Requirements in the AT Act

- In the 1998 reauthorization, reuse is defined in the statute as a formal (though discretionary) activity. AT Act programs could develop systems for the *“maintenance of information about, and recycling centers for, the redistribution of assistive technology devices and services.”*
- The reauthorization of 2004 specifically identified AT reuse as a quasi-mandatory activity, whether the activity is funded under the state or through other state or non-federal funding.



Reuse Defined in the 2004 Reauthorization

The AT Act of 2004 allows the state directly, or in collaboration with public or private entities, to carry out assistive technology device programs that provide for the exchange, repair, recycling, or other reutilization of assistive technology devices, which may include redistribution through device sales, loans, rental or donations.



... the National AT Reuse Center

Obligation of State AT Act Reporting

- States report data from reuse activities as a required section of their annual report to the Administration for Community Living.
- Data reported represents the largest area of activity resulting in the most significant costs saved to individuals with disabilities compared to other required activities.



AT Reuse - Defined

- **Exchange** between seller or donor and buyer or recipient
- **Refurbishment** of devices for minor repairs to restore original condition
- **Reassignment** to new users
- **Open-ended device loans** to fill the gap while waiting for a new device
- **Recycling**: breakdown for parts or end-of-life disposal
- **Remanufacturing**: *Please don't!*

The Pass It On Center - born of 'the perfect storm'

- Reauthorization of the Assistive Technology Act
- New Freedom Initiative
- Interest from OSERS' leadership
- Hurricane Katrina
- Prevalence of activity



Goal of AT Reuse Initiative

To increase the availability of assistive technology (AT) through promoting and supporting the safe, appropriate and effective reuse of AT devices at the state and local level.



Examples of Safe:

A focus on risk management - policies & procedures - sanitization practices, device tracking

- Sanitization: policies and procedures, tile rooms (Paraquad and FODAC), automated cleaning devices, worker training
- Tracking devices for warnings, recalls



Hubscrub at Walton Options serves program sanitization needs and generates revenue from fees

Examples of Appropriate: Matching People to the Right device, including training for proper use

- Functional design of reuse centers
- Engaging AT professionals for matching devices to the customer



Parquad's training course assists in learning to maneuver with new devices

The National Pass It On Center

- Promotes the ***safe, effective and appropriate*** reuse of lightly-used assistive technology
- Provides technical assistance to organizations engaging in AT reutilization
- Was funded for 7 years by the U.S. Dept. of Education/ Rehabilitation Services Administration and administered through the Georgia Institute of Technology.





Pass It On Center - Network

The Pass It On Center created a network for national and state resources to foster the appropriate reuse of AT so that people with disabilities can get the affordable AT they need in order to live, learn, work and play more independently.



Issues of National Significance Related to AT Reuse

- Need for a national classification system for data collection: classifications, definitions of reuse
- Legal issues, including compliance with federal and state laws, liability and reimbursement
- Identification of best practices and the need for national standards
- Defining a role for reuse in emergency response
- Building relationships among reuse programs, device manufacturers and device suppliers

TA for Reuse Programs Was Needed:

- To establish a national network of reuse programs
- To facilitate the exchange of information among reuse programs
- To promote device reuse to individuals with disabilities and others
- To expand the number and sustainability of reuse programs

Overview of PIOC Resources

PIOC created a range of resources for reuse programs and their customers:

- Indicators of Quality for AT Reuse
- Reuse Program Locations Database
- Knowledge Base
- Webinars and Webinar Archives
- YouTube Channel of Virtual Tours

Tools for You: Pass It On Center Website! Solution Site



Knowledge Base

Webinars

Recall List

Conference
Presentations

Meet the PIOC Team

FAQ/PIOC Wiki

Contact

About

CONNECT WITH US



- Meets none
- Meets some
- Meets all

Use our easy online tool to assess your AT Reuse Program's progress toward the promising practices of the Indicators of Quality for AT Reuse (IQ-ATR).



Pass It On
CENTER

knowledge base
the National AT Reuse Center

EVENTS

AUG
31

[AT Reuse & AFP National Conference](#)

INDICATORS OF QUALITY FOR AT REUSE



Use our easy online tool to assess your AT Reuse Program's progress toward the promising practices of the Indicators of Quality for AT Reuse (IQ-ATR).

Click the link to take the Online Program Assessment: [IQ-ATRReuse](#). To view the Indicators of Quality for AT Reuse document, click here: [PDF](#) | [MS Word](#)

FIND REUSE LOCATIONS



Would you like to learn more about what your state is doing to reuse assistive technology for people with disabilities? Click on the [state link](#) or on the map to view locations of programs.

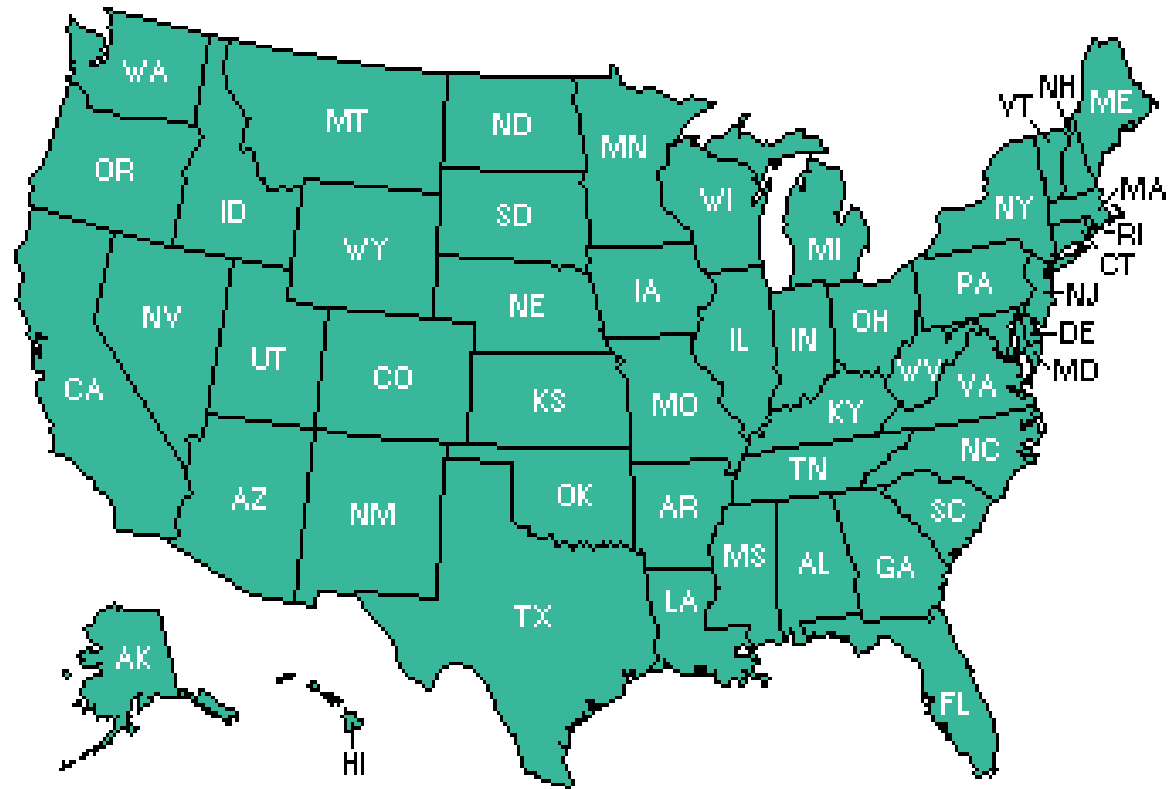
Are you a program that practices safe and appropriate reuse of assistive technology or durable medical

Welcome to The Pass It On Center

The Pass It On Center continues to create national and state resources to foster the safe, effective and appropriate reuse of assistive technology (AT) so that people

Find AT Reuse Programs

You can find
one of 223
reuse
programs
near you in
the Locations
Database





Indicators of Quality for AT Reuse

Promising practices by key category with factors for consideration in evaluating how well a program complies

- Developed through a national collaborative effort
- Incorporated into an Online Program Assessment Tool for ease of use; tied to resources in the Knowledge Base

Introducing our New Pass It On Center Website!



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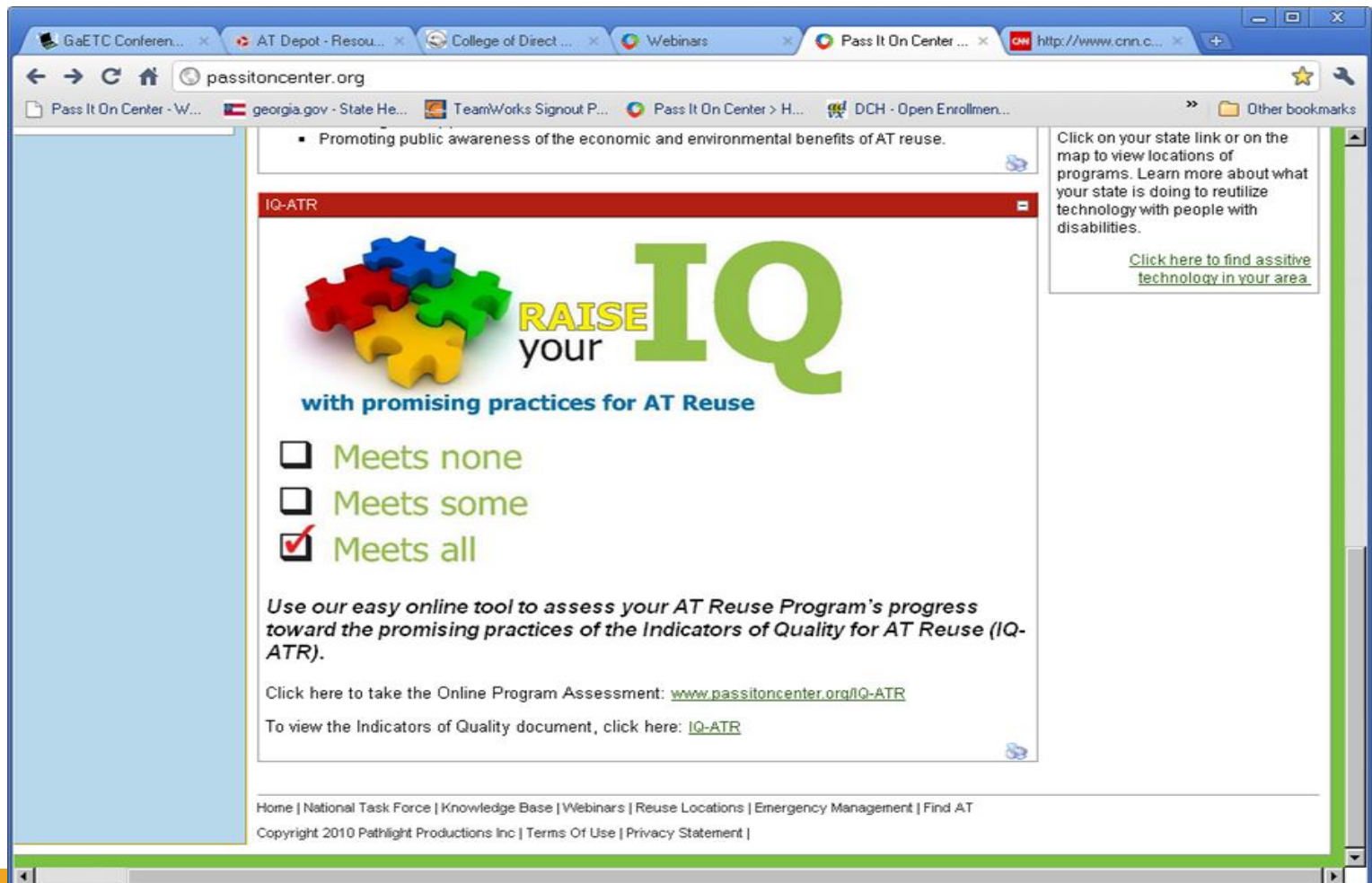
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Indicators of Quality for AT Reuse and an Online Program Assessment Tool



The screenshot shows a web browser window with the URL passitoncenter.org. The page content includes:

- A navigation bar with the following items: Promoting public awareness of the economic and environmental benefits of AT reuse.
- A red header bar labeled "IQ-ATR".
- A graphic featuring four interlocking gears (red, blue, green, yellow) and the text "RAISE your IQ with promising practices for AT Reuse".
- A list of three checkboxes:
 - Meets none
 - Meets some
 - Meets all
- A paragraph: "Use our easy online tool to assess your AT Reuse Program's progress toward the promising practices of the Indicators of Quality for AT Reuse (IQ-ATR)."
- A link: "Click here to take the Online Program Assessment: www.passitoncenter.org/IQ-ATR"
- A link: "To view the Indicators of Quality document, click here: [IQ-ATR](#)"
- A sidebar on the right with the text: "Click on your state link or on the map to view locations of programs. Learn more about what your state is doing to reuse technology with people with disabilities." and a link: "[Click here to find assistive technology in your area.](#)"
- A footer with the text: "Home | National Task Force | Knowledge Base | Webinars | Reuse Locations | Emergency Management | Find AT Copyright 2010 Pathlight Productions Inc | Terms Of Use | Privacy Statement |"

KnowledgeBase Continues to Grow!



- Knowledge Base
- Webinars
- Recall List
- Conference Presentations
- Meet the PIOC Team
- FAQ/PIOC Wiki
- Contact
- About

CONNECT WITH US



Knowledge Base


Emergency Preparedness


Finance


Resources


Marketing


Operations


Organization


Stakeholders


RISK


User Services

Access AT Reuse Resources

Welcome to The Pass It On Center

The Pass It On Center continues to create national and state resources to foster the safe, effective and appropriate reuse of assistive technology (AT) so that people with disabilities can get the affordable AT they need in order to live, learn, work and play more independently in communities of their choice.

EVENTS

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[AT Reuse & AFP National Conference](#)

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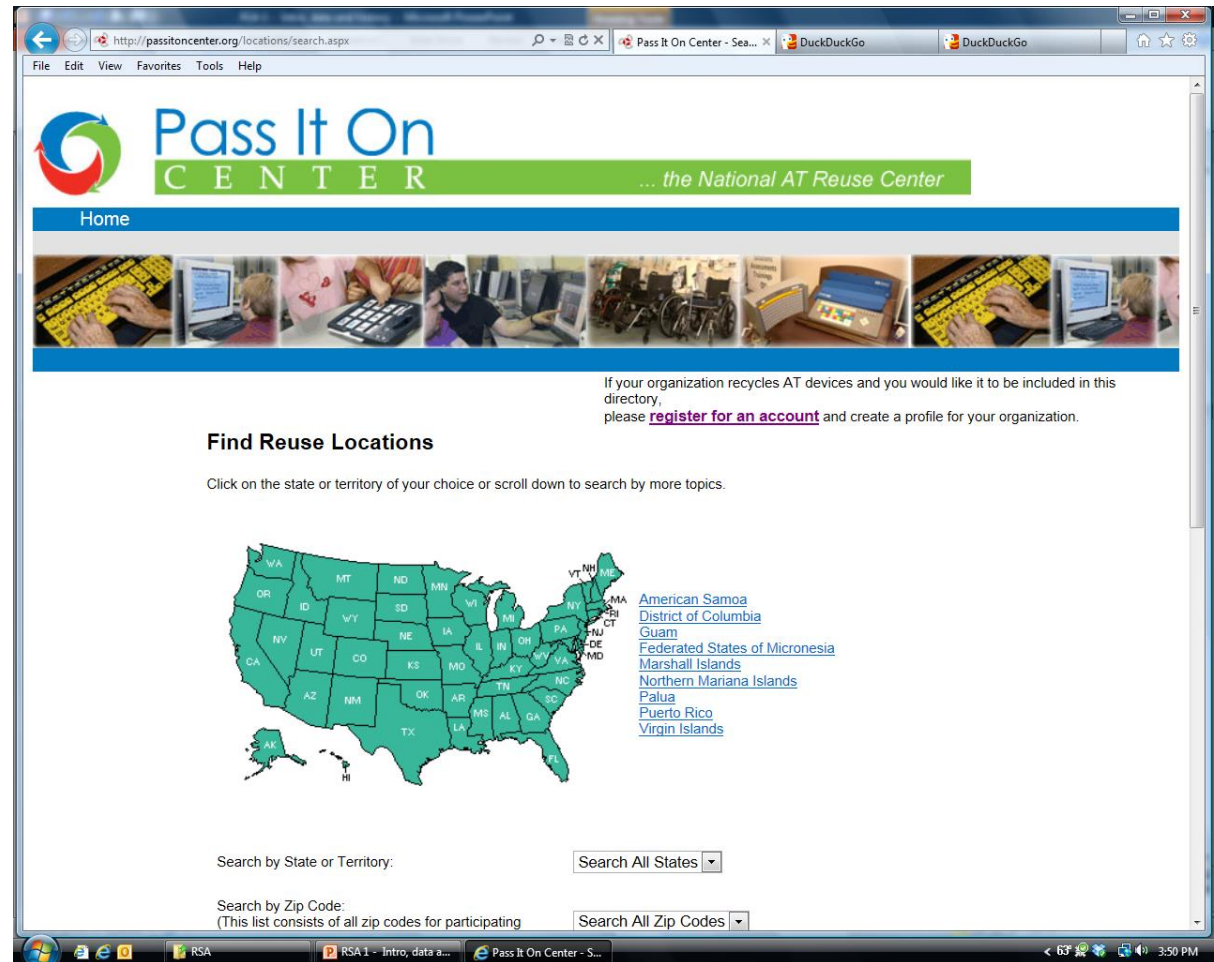
Would you like to learn more about what your state is doing to reuse assistive technology for people with disabilities? Click on the [state link](#) or on the map to view locations of programs.

Are you a program that practices safe and appropriate reuse of assistive technology or durable medical equipment? Are you listed in the National Reuse Locations Database? [Register your program here.](#)

If you would like to update your Reuse Organization's

Reuse Program Locator: Profile a Program, Find a Program

- ✓ Programs create a profile in the database.
- ✓ Users locate programs by state or activity.
- ✓ Currently there are 223 program profiles.



The screenshot shows a web browser window displaying the Pass It On Center website. The page features a navigation bar with the logo and the text "... the National AT Reuse Center". Below the navigation bar is a banner image showing various people using assistive technology. The main content area is titled "Find Reuse Locations" and includes a text prompt: "Click on the state or territory of your choice or scroll down to search by more topics." Below this is a map of the United States with state abbreviations. To the right of the map is a list of territories: American Samoa, District of Columbia, Guam, Federated States of Micronesia, Marshall Islands, Northern Mariana Islands, Palau, Puerto Rico, and Virgin Islands. At the bottom of the page, there are search fields for "Search by State or Territory:" and "Search by Zip Code:" with dropdown menus for "Search All States" and "Search All Zip Codes".

Building a Knowledge Base

600+ objects:

- 244 articles
- 373 attachments (models, examples, forms)

*Sample usage:
101 articles viewed
in a two-week
period*

**Best Practices:
Policies and Procedures**

**Sample Documents
from Reuse
Programs**

Models

Presentations

Videos

Links

Modules in KnowledgeBase

- Program Operations
- User Services
- Marketing
- Emergency Preparedness
- Supplier and Manufacturer Relationships
- Organizational Structure and Governance
- Accounting
- Management
- Human Resources
- Sustainability

Webinars

- Free webinars provide education and training on topics of value to reuse programs.
- Continuing education credits area available to AT professionals.
- Audio, slides and transcript archived online for future use on demand.



Linda Jaco

Kerri Morgan

Sara Sack

Webinar Archives

On-demand information on topics of interest:

- **Audio recording of live webinars**
- **Slides**
- **Transcripts**



Pass It On Center Video Project

Showcases reuse programs with tours, interviews, sanitization models and more

PIOC YouTube Channel

- Videos are captioned by AMAC Accessibility Solutions



Increased Views on our YouTube Channel!

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- Subscriptions
- History
- Watch Later

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Add channels

- Popular on YouTube
- Music
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- Browse channels
- Manage subscriptions

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Pass It On CENTER

National Assistive Technology Device Reutilization Coordination and Technical Assistance Center

<http://www.passitoncenter.org>

The Pass It On Center - Nat'l Technical Assistance for AT Reuse

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Most popular Grid



Sanitizing and Repairing a Manual Wheelchair
10,389 views • 5 years ago



14 Point Check on Manual Wheelchair
6,676 views • 5 years ago



Sanitizing a Power Wheelchair
4,752 views • 5 years ago



FODAC Success Story #1
768 views • 4 years ago



Sanitizing Non Electrical Equipment at Paraquad
593 views • 5 years ago



FODAC Success Story #2
526 views • 4 years ago



Refurbished Equipment Marketplace (REM), New
245 views • 2 years ago



Project MEND, San Antonio - Tour
164 views • 2 years ago



Refurbished Equipment Marketplace (REM), New
131 views • 1 year ago



Project MEND Success Story
114 views • 2 years ago



Paraquad, St. Louis - Tour
84 views • 1 year ago



CIL Berkeley - Origins and Reuse
56 views • 1 year ago



Customized Technical Assistance

- State AT Reuse Summits: **23**
- Direct Technical Assistance On Site: **31** states
- Other Technical Assistance provided as requested for all AT Act Programs and other organizations; significant assistance with start-up of two nonprofit reuse programs in Birmingham and Dallas



Continuing Education for Reuse Programs

- Webinars: **46 to date**, presented without charge and archived for future use
- **ATIA Preconferences and Reuse Strands (2008-2013)**
 - *How to Start or Improve An AT Reuse Program*, presented in Orlando and Chicago, 2010-2011
 - *Reuse Strands, 2008-2013, 58 sessions*; slides archived in the Knowledge Base for those unable to attend ATIA Conference



National AT Reuse Conferences

- **National AT Reuse Conference, 2006** (Atlanta +187 participants)
- **Western States AT Reuse Conference, 2008** (Salt Lake City +61 participants)
- **National AT Reuse Conference, 2009** (Atlanta +213 participants)
- **National Conference on AT Reuse and Independent Living, 2012** (Atlanta +179 participants)
- **National AT Reuse & AFP Conference, 2015** (Washington, DC +81 participants)



State Summits on AT Reuse

Pass It On Center facilitates gatherings of AT Act Program staff and other interested organizations and agencies to plan for new or improved AT reuse programs.

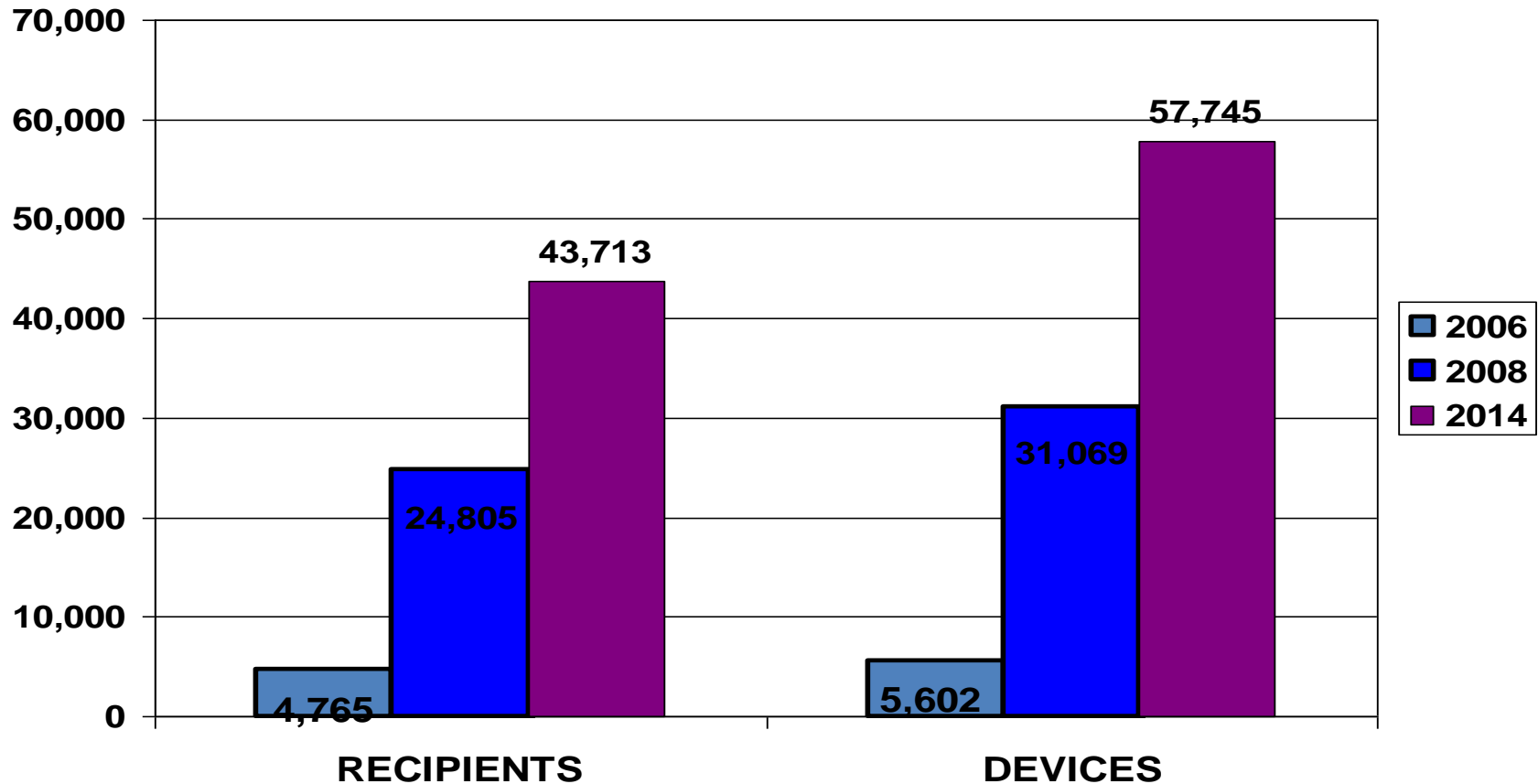
23 states have held summits or focus groups.

Many of these states reported securing additional leveraged funding as a result of Summits.

Types of Reuse Programs

- **Device Exchange**
 - Want-Ad Digest/e-Bay/classifieds for AT
- **Device Reassignment/Refurbishing**
 - Devices accepted (usually donated) into an inventory are repaired, sanitized, and/or refurbished as needed; and then offered for sale, loan, rental, or give away to consumers.
 - This includes devices repaired for an individual (without the ownership of the device changing hands).
- **Open-Ended Loan**
 - Borrower of a device can keep the device as long as needed

Trends of AT Reuse Reflected in Reporting of State AT Act Programs





A Quick Look at the Data

2014 Reuse through AT Act Programs (Source: CATADA)

Type of Assistive Technology	Average Savings Per Device	Percent Devices	Number Devices	Total Savings to Consumers
Mobility and seating	\$585.06	51	29,210	\$17,089,511
Daily living	171.84	34	19,481	3,347,600
Computers and related	231.45	5	2,711	627,471
Environmental adaptations	470.18	2	1,337	628,626
Vision	444.58	2	1,270	564,614
Recreation, sports and leisure	124.91	2	1,122	140,150
Learning/cognition	241.23	2	959	231,339
Hearing	273.26	1	834	227,901
Speech communication	1,735.94	1	705	1,223,836
Vehicle modification and transportation	73,810.06	<1	16	1,180,961
Total	\$ 395.31	100%	57,745	\$25,262,009

2014 State AT Reuse Cost Savings

Exchange	Refurbish/ Reassign	Open-Ended Loan	TOTAL
\$2,917,564	\$18,129,877	\$4,214,568	\$25,262,009

Center for Assistive Technology Act Data Assistance (CATADA). (2015). *AT Act Data Brief; Using AT Act Data to understand, plan and improve programs. FY 2014*. Issue No. 7. 2015. Retrieved 09/21/2015.



THE ROLES OF AT REUSE



AT Reuse in Community Living

- Increased Request for Customized and General AT Reuse Technical Assistance:
 - AAAs, ADRCs and Senior Centers
 - Independent Living
 - ID/DD
 - Nursing Home Transition
 - Veterans
 - Homeless/Displaced - MH





NEED AT

A prototype of a centralized, national online exchange site



NEED^{AT}

The National Equipment Exchange Depot



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WELCOME to **NEED**, The **National Equipment Exchange Depot** funded under the Technology-Related Assistance for Individuals with Disabilities Act of 1988 (Tech Act), as amended. **NEED** is designed to make assistive technology (AT) devices and services more available and accessible to ALL citizens with disabilities. This equipment exchange collaboration between individuals and families with disabilities and exchange programs around the country encourages members to offer assistive technology devices and information for sale or purchase to others who may benefit from using technology unneeded or discarded by others. **NEED** which functions like a classified advertisement in your local newspaper is discussed in more detail under [Frequently Asked Questions](#).

NEED is an online database where persons may list assistive technology items for sale, donation, or things they need. In recent years household recycling has become a daily activity. Assistive technology recycling provides an opportunity for those in need to access assistive technology items no longer needed by others. **NEED** is the place for individuals to either advertise used equipment for sale, donation, or express a need for a specific item(s).

- Computers and related
- Daily Living
- Environmental Adaptations
- Hearing
- Learning, Cognitive, & Developmental
- Mobility, Seating & Positioning
- Other
- Recreation, Sports, and Leisure
- Speech Communication
- Vehicle Modification and Transportation
- Vision





NEED^{AT}

The National Equipment Exchange Depot



- Home
- FAQs
- Join
- My Account
- Search Items
- Partners
- Contact Us

[[Login](#)]

To Search for an item, you may select from the Categories Below or use the type a value into the Search bar along the left menu.

Category of Item:

Name of Item contains the following text:

- View All Categories
- All Categories
- Computers & Related
- Daily Living Aids
- Environmental Adaptations
- Hearing
- Learning, Cognitive, & Developmental
- Mobility / Seating & Positioning
- Other
- Recreation, Sports, & Leisure
- Speech Communication
- Vehicle Modification & Transportation
- Vision

Only registered users may see the full details

	Item Name	Item Desc	Location City	Location State	Item Number
Full Details	Rifton Potty Chair	ID E849 - 2004 Size: Large	powder springs	GA	1
Full Details	Touch Window Screen	Touch Window Screen. Fits on computer monitor for those who can't work with a mouse. (Works great...just got child a bigger monitor.) Condition: Excellent	Edmark		2



Consulting for Partnerships with Medicaid

Medicaid programs are showing increasing interest in the reuse of durable medical equipment (DME).



Checking inventory at the Kansas Equipment Exchange

Factors driving increased interest from Medicaid programs

- Unemployment levels and weak economy add to the number of uninsured and makes increasing numbers eligible for Medicaid.
- Implementation of the Affordable Care Act changed eligibility and added large numbers of uninsured adults under 65 to Medicaid.
- DME is a major cost.



TA for Medicaid Partnerships

- **Consulting:**
 - Dr. Sara Sack, NTF member, has consulted with **18** states.
- **Webinar:**
 - Reviewed models and experiences
 - Defined some of the issues
 - Prompted immediate action by two states

- **How-to Guide**

A document for reuse program leaders and Medicaid administrators examining successful models, providing guidance in exploring the issues and the process of expanding reuse in partnership with Medicaid

Released August 2015

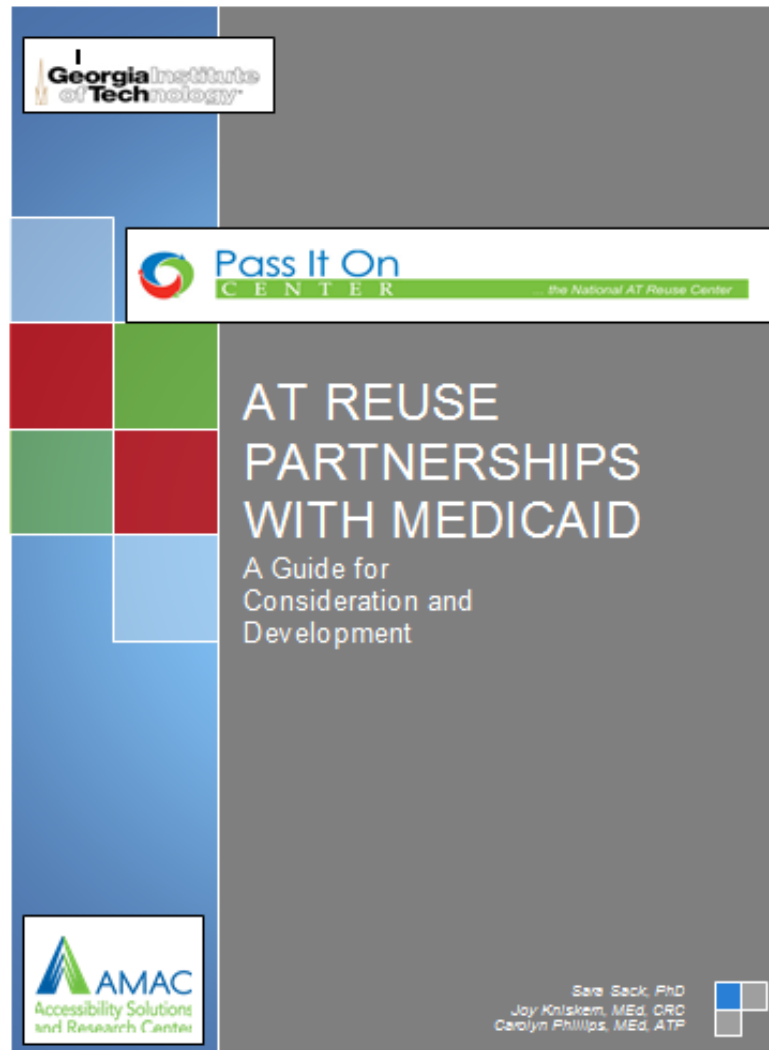


Medicaid and Reuse Programs

- **Survey results from July 2015:**
 - **Three states with active partnerships**
 - **23 AT Act Programs interested in partnerships**



We are here to Help - AT Reuse Partnerships with Medicaid Guide!





About this Guide

- We know access to durable medical equipment (DME) **improves health and safety, minimizes doctor visits and returns to hospitals, reduces or delays assisted living and nursing home placements, and enables some people and/or caregivers to keep working.**
- Access to DME is not always available and those who cannot obtain it fail to experience the needed outcomes and quality-of-life improvements that DME can provide.
- Individuals who lack access may be uninsured or under-insured, or they may have coverage but experience delays in obtaining devices.
- For all of these individuals, the reutilization of lightly-used DME can have great value.

The Need

- The **56 federally funded state and territorial Assistive Technology Act Programs** are mandated to engage in some form of assistive technology (AT) reuse.
- **Three of these programs engage in partnerships with Medicaid**
- In a recent PIOC survey, **23 states expressed an interest** in developing partnerships.
- This guide is for the leaders of AT Act Programs and Medicaid programs.



The AT Reuse and Medicaid Guide

- The guide does **not** take a position for or against partnerships between AT reuse programs and Medicaid
- **It does provide guidance to those who choose to pursue partnerships.**
- The recommendations in this guide are based on best practices and the lessons learned from previous and existing programs.
- These recommendations could easily apply to collaborative partnerships.

Considerations

- **Plan Carefully** - The expansion of reuse through Medicaid raises a serious concern about **consumer choice**.
- The primary consideration for reuse **should not be cost containment**, but rather as a possible alternative to address very specific situations such as needs of those
 - Awaiting eligibility decisions from third parties such as Medicaid;
 - Experiencing loss of DME during disasters;
 - In process of nursing home transition;
 - And more!



Questions to Consider

- Who owns the device?
- Who refurbishes the devices?
- How is the beneficiary matched to an appropriate device?
- How is the new user tracked and notified of warnings or recalls?
- Who installs or repairs the device for the new user?
- **And the list goes on...**

A Call to Action

- There is a significant need for research comparing the outcomes with different AT devices.
- Research is needed to assist policy makers and clinicians.



Need More Research

- The consolidation of billing codes used to group products for reimbursement purposes now has some codes that do not group homogeneous technologies, and yet coverage policies are developed based on these codes.
- Research that compares features and options to assist in identifying the impact of trade-offs that occur in the technology recommendation process would help payers, clinicians and consumers in determining what will provide the best outcome given an individual's specific needs, activities and routine environments.
- In order for technology to play an appropriate role in the reduction of health care costs and improved outcomes, more research and more data is needed.



Pass It On
C E N T E R

... the National AT Reuse Center

AIVIAAC
Accessibility for All



AT Reuse in Emergency Management

Amy S. Goldman

**Co-Executive Director, Institute on
Disabilities**

Temple University

**Manager, Pass It On Center Initiative on AT
and Emergency Preparedness**



Institute on Disabilities



What happens when we can't access the AT devices *and services we need?*

- Unable to communicate, self-direct
- Unable to be as independent in mobility, self-care
- Unable to work/return to work
- Risk secondary physical disabilities
- Risk secondary mental health disabilities



AT Considerations in Planning and Response

- Personal preparedness: shelter in place AND evacuation
- Inclusive planning
- Exercising with real people; exercises that involve DME/AT
- Actionable planning for DME/AT: Mass care
 - What kind of DME/AT?
 - Cache and transport?
 - Pre-stage



AT Considerations in Planning and Response

- How might AT reuse meet an individual's need for a back-up device?
- How might reused devices be deployed in exercises?
- How might reused devices contribute to DME/AT pre-staging or caches for shelter accessibility?
- What role might AT reuse play in recovery?



Sam

- There is a widespread power outage as a result of a severe winter storm. Power won't be able to be restored for at least 48 hours. Due to the weather, Sam's personal assistant who does his AM care is unable to get to his house. Sam uses a power wheelchair (no manual one); a transfer board; adapted utensils; and depends on grab bars throughout his home. He also uses a cordless large button telephone.



Larry

- Larry is 37 and has intellectual disabilities.
- He uses a speech generating device.
- After he comes home from work everyday, he is alone for about two hours until his dad gets home from work.
- As a result of a tornado, his dad has been injured and is in the hospital. Roads to Larry's house are impassable due to debris.
- Larry's closest relatives are 3 hours away.



Hannah

- Hannah was evacuated to a shelter from her home as flooding approached her neighborhood.
- She is hard of hearing and has problems seeing.
- Although she remembered her hearing aids but forgot batteries and her glasses.
- She uses a captioned phone at home, but left it behind.
- Her housemate Louise was also evacuated. She also is hard of hearing but has never been able to afford a hearing aid. Louise uses a walker but she forgot to take it.



Leading the Way: Promoting AT Reuse in Emergency Management

National Leadership Summit on AT Reuse and Emergency Management

- Washington, DC, February 2010

FEMA Region Summits on AT Reuse and Emergency Management

- Region IV, Atlanta, April 2011
- Region III, Philadelphia, September 2011
- Region VI, Houston, April 2012

Florida Summit on AT Reuse and Emergency Management

- FL Independent Living Council co-hosted, Orlando, January 2012

 **Pass It On**
CENTER
National Assistive Technology Device Reutilization
Coordination and Technical Assistance Center
www.PassItOnCenter.org

EXIT ➤



Regional Summits followed: IV, VI, III, and two State Summits (Florida & Alaska)





Summits: What did we learn?



Consideration of Standards for AT Reuse in Emergency Management

- Why would this be important?
- Why not?
- What AT to consider?
- How?
- Who should be involved?
- When? And, next steps



Picture from ILRU



We have learned...

- Emergency managers – for the most part – understand their obligation to plan for the whole community.
- Emergency managers are **MOTIVATED** to engage people with AFN in planning.
- Emergency managers don't know who/how to do this.
- Emergency managers don't know what "AT" is.
- Emergency managers have problems figuring out how to accommodate people with disabilities in the planning process (\$\$).



And...

- In addition to developing resources for devices, we need to develop resources/capacity for matching and other related services.
- (Reused) AT that is more medical in nature (“DME” such as nebulizers, C-Paps) will probably need to come from other sources.
- AT Act programs may be motivated but don’t have/don’t know where to find the resources to take on this work

Gaps: AT Reuse and Disasters

- Engagement of reuse programs at state and local levels
- Continued training and technical assistance on safe, effective reuse
- Working through issues with FEMA concerning provision of reused AT
- Funds to support transportation of DME and AT in disasters
- Storage space to cache DME/AT ready for disaster response



Goals for Continued Work in Emergency Preparedness

- Regional Summits in remaining Federal Emergency Management Agency (FEMA) regions
- Infrastructure to support safe, appropriate, effective reuse in emergencies and continuity of effort for permanent devices
- Collaboration/coordination with the National Response Recovery Council /MOA Partners (NDRN, NICL, the Pass It On Center, Red Cross and AARP)

Introducing FEMA's MOA with the Pass It On Center! Great Job - Joy Kniskern & Amy Goldman!

**MEMORANDUM OF AGREEMENT
BETWEEN THE
DEPARTMENT OF HOMELAND SECURITY/FEDERAL
EMERGENCY MANAGEMENT AGENCY (DHS/FEMA)
AND
THE GEORGIA TECH RESEARCH CORPORATION
(GTRC), ON BEHALF OF
THE PASS IT ON CENTER (PIOC)**

I. **PARTIES.** The parties to this Agreement are the Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) and the Georgia Tech Research Corporation (GTRC), on behalf of the Pass It On Center (PIOC). The PIOC is a program of the Georgia Institute of Technology (GT). Sponsored projects of GT are managed by GTRC, a not-for-profit corporation. The PIOC is also known as the National Assistive Technology Device Reutilization Coordination and Technical Assistance Center.

A. DHS/FEMA

1. **PRIMARY MISSION:** The primary mission of DHS/FEMA is to support our citizens and first responders to ensure that as a nation we work together to build, sustain and improve our capability to prepare for, protect against, respond to, recover from and mitigate all hazards.

2. **SPECIFIC ACTIVITIES:** In support of the primary mission of DHS/FEMA, the Administrator:

- a. leads the Nation's efforts to prepare for, protect against, respond to, recover from, and mitigate against the risk of natural disasters, acts of terrorism, and other man-made disasters, including catastrophic incidents;
- b. partners with State, local, and tribal governments and emergency response providers, with other Federal agencies, with the private sector, and with nongovernmental organizations to build a national system of emergency management that can effectively and efficiently utilize the full measure of the Nation's resources to respond to natural disasters, acts of terrorism, and other man-made disasters, including catastrophic incidents; and
- c. consults, through the Disability Coordinator and the Office of Disability Integration and Coordination (ODIC), with organizations that represent the interests and rights of individuals with disabilities about the needs of individuals with disabilities in emergency planning requirements and relief efforts in the event of a natural disaster, act of terrorism, or other man-made disaster.

B. PASS IT ON CENTER

1. **PRIMARY MISSION:** The primary mission of the Pass It On Center (PIOC), is to foster improvements in Assistive Technology (AT) reuse practices and the national network to help current and emerging reuse programs share information to improve their services:

- a. creating a national network to help current and emerging reuse programs share information to improve their services;
- b. providing technical assistance and support to current and emerging programs by conducting site visits, teleconferences and monthly webinars;

private) against the United States, its agencies its officers, or any person; or against GTRC or PIOC, their officers, employees or any other person.

G. This Agreement creates neither a partnership nor a joint venture, and neither party has the authority to bind the other. This agreement is not intended to be enforceable in any court of law or dispute resolution forum.

H. The parties will use or display each other's name, emblem, or trademarks only in the case of particular projects and only with the prior written consent of the other party. The Department of Homeland Security (DHS) seal is protected by 18 U.S.C. §§ 508, 701, and 1017, among other laws, and use of the seal is controlled by the DHS Office of Public Affairs through DHS Management Directive No. 0030 (MD 0030). Written permission is required to use the DHS Seal.

I. This Agreement is not a fiscal or funds obligation document. Any services, equipment or personnel provided to DHS/FEMA to accomplish the goals anticipated under this agreement are done so without expectation of reimbursement or the payment of fees related to the provision of such services, equipment or personnel.

VII. **EFFECTIVE DATE.** The terms of this Agreement will become effective upon the signature of both parties.

VIII. **MODIFICATION.** This Agreement may be modified upon the mutual, written consent of the parties.

IX. **TERMINATION.** The terms of this Agreement, as modified with the consent of both parties, will remain in effect until July 31, 2018. The Agreement may be extended by mutual written agreement of the parties. Either party upon 60 days written notice to the other party may terminate this Agreement.

APPROVED BY:


W. Craig Fugate
Administrator
Federal Emergency
Management Agency


CHRISTOPHER E. D'ANTONIO
ASSISTANT GENERAL MANAGER
Georgia Tech Research Corporation


G. DUANE HUTCHISON
Asset Secretary
Georgia Tech Research Corporation



MOA between FEMA/ODIC and Georgia Tech/Pass It On Center

- Identify strategies to increase collaboration between PIOC and Disability Integration Specialists and FEMA/ODIC.



MOA - Responsibilities

Generally – for both parties – coordination, collaboration and communication to better meet the needs of survivors needing reutilized AT as a stop gap.

Sharing best practices, issues, training opportunities, relevant information, a plan of action with meetings to review milestones of agreement.



Next Steps

QUESTIONS, ISSUES, GAPS AND OPPORTUNITIES

Research Opportunities

Pass It On Center Examined a Role for Reuse in Freeing Funds for Complex Rehab Technology

- Current landscape for DME and Healthcare Act
- Implications for AT Reuse

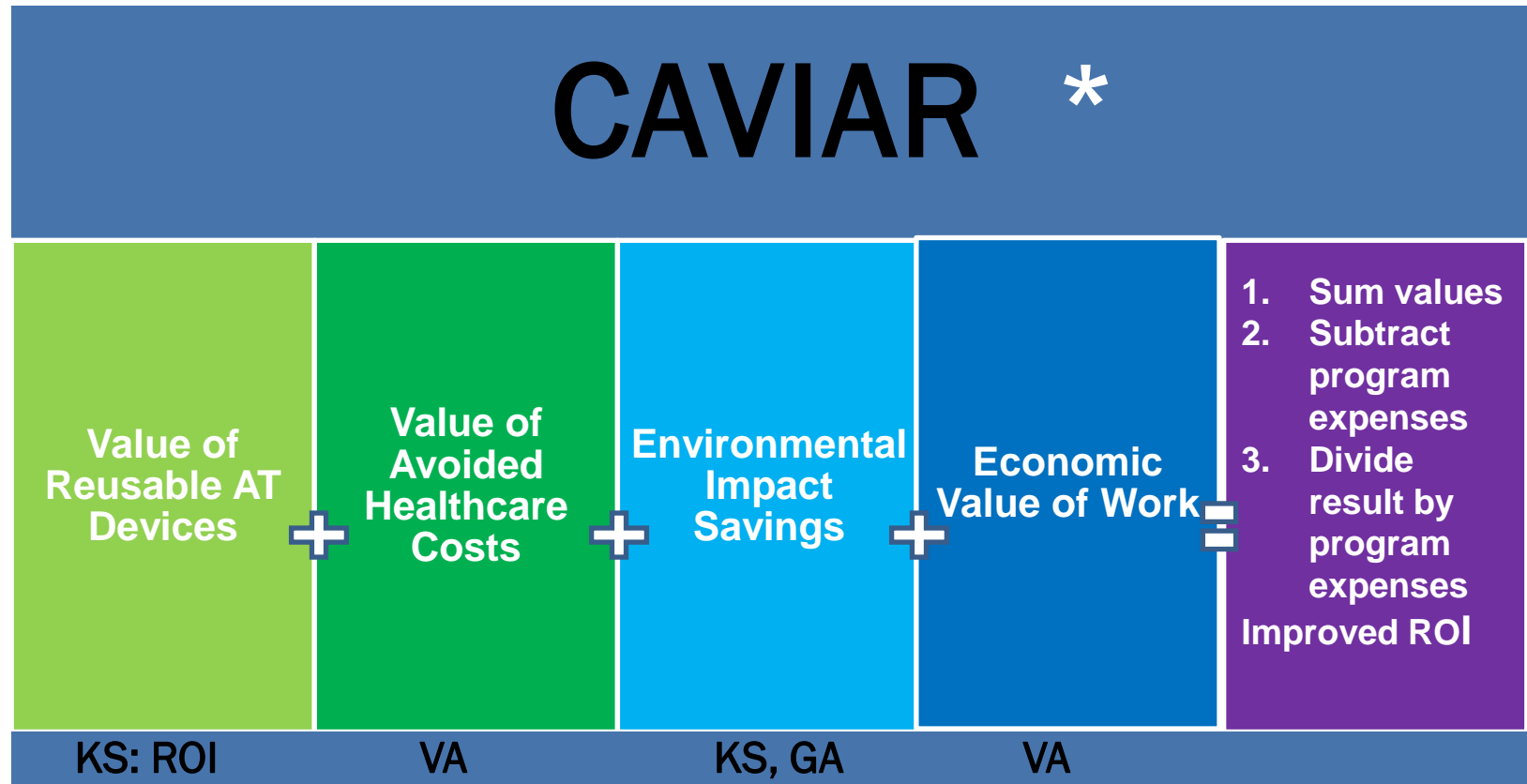
Research more ROI for AT Reuse

- **Volume tracking (donations, devices assigned, value of donated devices)**
- **Use of business tools, from cost-benefit to ROI analysis: Sara Sack, Kansas**
- **Calculation of avoided costs (e.g., lost work time avoided, healthcare expenses avoided, environmental impact minimized) based on customer follow-up: FREE Foundation/VATS**
- **Combining those and more: CAVIAR**



ROI - more than the value of reused equipment

Calculation of Approximate Value of Investment in AT Reutilization





Addressing Other Unmet Needs:

- Expand role of AT reuse in independent living, nursing home transition, deinstitutionalization, delaying entry to nursing homes and supported and competitive employment for people with ID/DD
- Build national alliances to increase available AT for reuse



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DISCLAIMER

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