

Welcome to the Section 508 Best Practices Webinar Series

A collaborative program between the
Accessibility Community of Practice of the CIO Council and The U.S. Access Board

**The Session is Scheduled to begin at 1:00pm Eastern Time
We will be testing sound quality periodically**

Audio and Visual are provided through the on-line webinar system. This session is closed captioned. Individuals may also listen via telephone by dialing 1-712-432-3066 Access code 246112 (This is **not** a Toll Free number)

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Listening to the Webinar, *continued*

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Listening to the Webinar, *continued*

MOBILE Users (iPhone, iPad, or Android device (including Kindle Fire HD))

Individuals may listen** to the session using the Blackboard Collaborate Mobile App (Available Free from the Apple Store, Google Play or Amazon)



**Closed Captioning is not visible via the Mobile App and limited accessibility for screen reader/Voiceover users

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Captioning

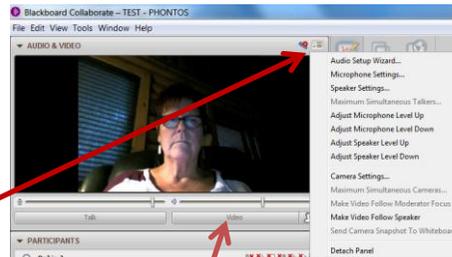
- Real-time captioning is provided during this webinar.
- The caption screen can be accessed by choosing the  icon in the Audio & Video panel. ↓



- Once selected you will have the option to resize the captioning window, change the font size and save the transcript.

Sign Language Interpreter

- Video Sign Language Interpreter is available for this session
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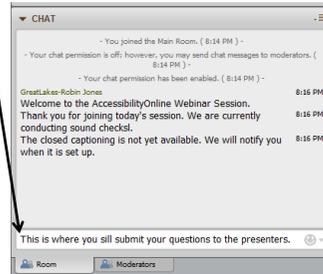


Select Video

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- If you are listening by phone and not logged in to the webinar, you may ask questions by emailing them to info@adaconferences.org



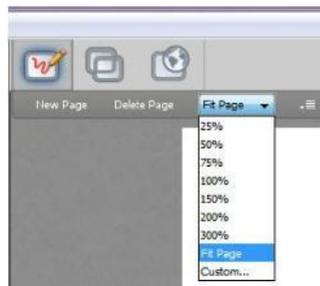
Please note: This webinar is being recorded and can be accessed on the Section 508 Best Practice Webinar Series website at www.adaconferences.org/CIOC within 24 hours after the conclusion of the session.

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Customize Your View



- Resize the Whiteboard where the Presentation slides are shown to make it smaller or larger by choosing from the drop down menu located above and to the left of the whiteboard. The default is “fit page”



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Customize Your View *continued*



- Resize/Reposition the Chat, Participant and Audio & Video panels by “detaching” and using your mouse to reposition or “stretch/shrink”. Each panel may be detached using the  icon in the upper right corner of each panel.

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- If you experience any technical difficulties during the webinar:
 1. Send a private chat message to the host by double clicking “Great Lakes ADA” in the participant list. A tab titled “Great Lakes ADA” will appear in the chat panel. Type your comment in the text box and “enter” (Keyboard - F6, Arrow up or down to locate “Great Lakes ADA” and select to send a message); or
 2. Email info@adaconferences.org; or
 3. Call 877-232-1990 (V/TTY)

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This webinar is sponsored by:



cio.gov



access-board.gov

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Welcome

- Webinar series: “Best Practices in Federal Section 508 Implementation”
 - This webinar is part of a series. Other presentations can be viewed at:
 - <http://www.adaconferences.org/CIOC/Archives/> and
 - <https://efedlink.org/allqual/resource-shared-webinars.cfm>
- A **best practice** is a policy, process, procedure or technique proven effective over time and repeatable by multiple agencies.
- A best practice is generalized so that diverse agencies may use it in their own organizations but specific enough to provide useful guidance and instruction.
- The CIO Council’s Accessibility Community of Practice has published a library of 508 Best Practices at www.Section508.gov

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Section 508 Best Practices Webinar upcoming DATES for 2016:

- Webinars dates will be six times during 2016.
- January, March, May, August, September, November
- Next Webinar: November 29, 2016 – Topic: TBD
Time: 1:00 to 2:30 p.m. ET
- Future webinar dates and topics are forthcoming

Past webinars are ARCHIVED:

- <http://www.adaconferences.org/CIOC/Archives>
- <https://efedlink.org/allqual/collaborate-webex-archive.cfm>

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Section 508 Best Practices Webinar Series 2013 –2016

- For more information, contact the Education Subcommittee co-chairs:
 - Tim Creagan – creagan@access-board.gov
 - Deborah Kaplan – deborah.kaplan@hhs.gov

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Presenter

Presenter:

Alexander Koudry, MS, ATP, RET, PMP
Director, Center for IT Access (CITA)
General Services Administration

Moderator:

Timothy Creagan, Senior Accessibility Specialist,
U.S. Access Board

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Introduction to the Three A's: Accessibility, Assistive Technology and Accommodation

Alexander Koudry, MS, ATP, RET, PMP
Director, Center for IT Access (CITA)
General Services Administration

September 27, 2016

3 Important Terms:

- Accessibility
- Accommodation
- Assistive Technology

Each related, yet unique!

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Accessibility

- Focuses on ensuring the E&IT can be accessed by persons with disabilities
- An example would be ensuring that the agency time and attendance system works, so that persons accommodated with screen readers can successfully use the system to get paid

Accessible design allows the use of assistive technology

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Accommodation

- Focuses on the person, on providing needed technology to allow people to do their jobs
- An example would be providing a screen reader to a visually impaired person

Assistive Technology can be provided as an accommodation, but requires accessible E&IT to be useful – required by Section 508

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Assistive Technology

“any item, piece of equipment, or product system, whether acquired commercially, modified, or customized, that is used to increase, maintain, or improve functional capabilities of individuals with disabilities”

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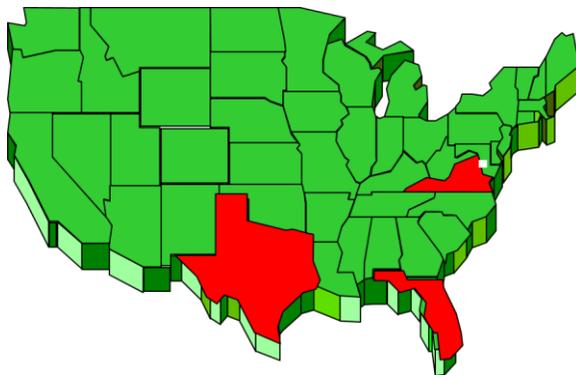


Key Point

Persons accommodated
with assistive technology
can use accessible
software and websites!

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There are 56.7 Million Persons in
the USA Who Have Disabilities*



DC	672,228
VA	8,282,993
FL	20,271,272
TX	27,469,114
Total	56,795,607

The Same
Pop. as
All These
States!

*<https://www.census.gov> 2012

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Who Else Benefits From Accessibility?

Citizens who use portable devices or other low bandwidth connections



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Multi-modality

Support for as many types of information access as possible:

- Visual
- Auditory
- Tactile

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Accessibility

The Rehabilitation Act of 1973

Section 504

Section 504 prohibits discrimination based on disability in federally funded and federally conducted programs or activities in the United States

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Section 508

Section 508 of the Rehabilitation Act, as amended in 1998, requires that Federal agencies procure E&IT that is accessible to people with disabilities, including employees and members of the public.

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Section 508 Applicability

- Applies to all Federal agencies and departments when they develop, procure, maintain or use E&IT.
- Newly procured or developed E&IT after June 25, 2001
- Modifications and/or upgrades to existing E&IT after this date must also be compliant.
- The law is not retroactive

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508 Standards

- Web-based information or applications (16)
- Telecommunication products (11)
- Video and multimedia products (5)
- Self contained, closed products (10) (info. kiosks, calculators, & fax machines)
- Documentation (3)
- Desktop and portable computers (4)
- Functional Performance Criteria (6)

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508 Coordination

- Ensure that all procurements containing EIT related deliverables include applicable Section 508 language
- Incorporate Section 508 planning early into your project life cycle

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Section 508 Technical Standards

We will quickly look at only the first 3 of the 16.

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Section 508 Technical Standards (a)

Is there a text equivalent
for every non-text
element?

- Alt tags
- Longdesc

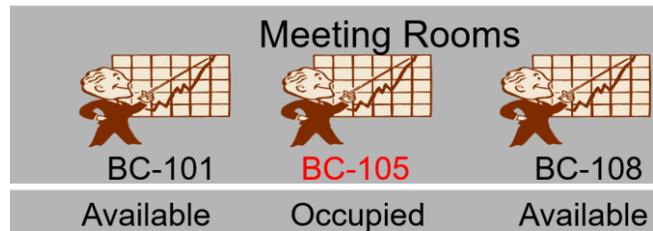
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Section 508 Technical Standards (b)

Are there equivalent
alternatives for any
multimedia presentations,
and are they synchronized
with the presentation?

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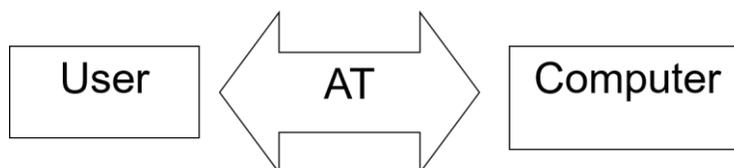
Section 508 Technical Standards (c) Is all information conveyed with color also available without color?



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Assistive Technology

Assistive Technology Model



- Assistive Technology between user and computer, addresses functional limitations
- AT can be focused on
 - Input
 - Output
 - Both

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Please Note:

The assistive technologies in this presentation are shown only as examples. The General Services Administration does not endorse or recommend products of any kind.

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Pointing Stick

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Sip/Puff Switch

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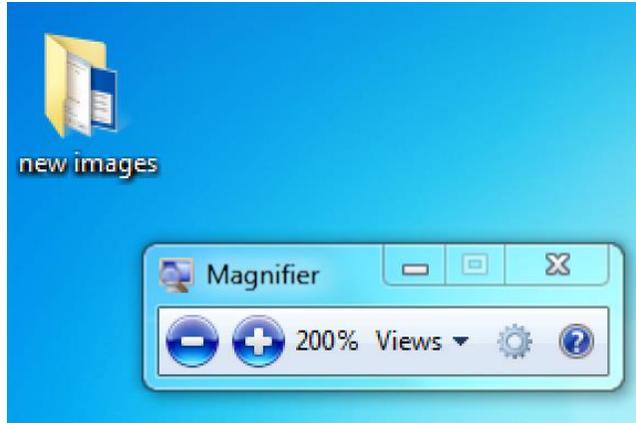
Left-handed keyboard

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Mouth Stick Keyboard

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Screen Magnification

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Screen Readers

- Read the text to user
- Also allow navigation

Considerations:

- Focus
- Content
- Navigation
- Links

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Braille Output

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Voice Recognition

A computer equipped with a microphone and VR software that allows a user to train the computer to recognize words and input them into the computer

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Standard TTY

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Braille Display

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Braille TTY

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(Reasonable) Accommodation

Definition of Reasonable Accommodation

A modification or adjustment to a job, the work environment, or the way job tasks are usually accomplished, to enable a person with a disability to perform the essential functions of a job or position.

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What is a Disability?

A physical or mental impairment which substantially limits one or more major life activities

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Major Life Activities include, but are not limited to:

- Walking
- Thinking
- Seeing
- Hearing
- Speaking
- Learning
- Communicating
- Reading
- Performing manual tasks

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Reasonable Accommodation Process

- Every Agency is required to have reasonable accommodation process that is documented – all are different
- Initial request can be verbal or written – does not need to mention reasonable accommodation
- Interactive dialogue is required

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Examples of Reasonable Accommodations

- Adding accessibility devices to workplaces
- Modifying work schedules, locations
- Modifying equipment or devices
- Adjusting examinations, training materials, or policies
- Providing qualified readers or interpreters
- Providing assistive technology

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Examples of Things That Are Not Accommodations

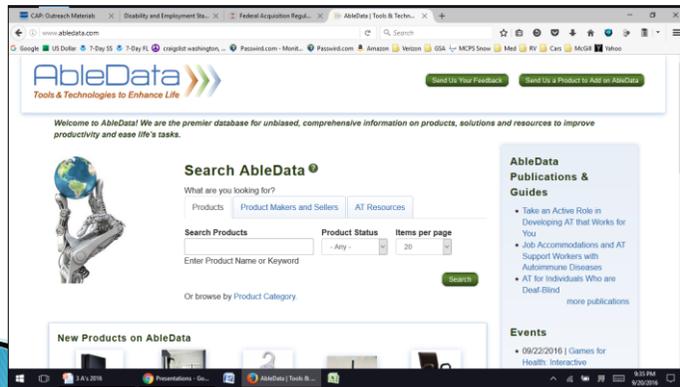
- Eliminating an essential job function
- Lowering performance standards
- Providing personal use items e.g. hearing aids or glasses
- Reassigning to a different supervisor
- Creating a new job for the employee

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Assistive Technology Resources

www.abledata.com

A free database of tens of thousands of Assistive Technology items



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Accessibility Resources

<http://www.access-board.gov>



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Accessibility Resources

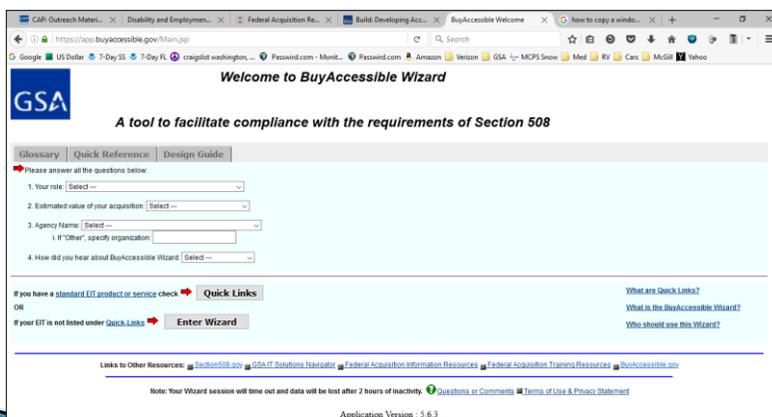
<http://www.Section508.gov/>



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Accessibility Resources (www.508.gov)

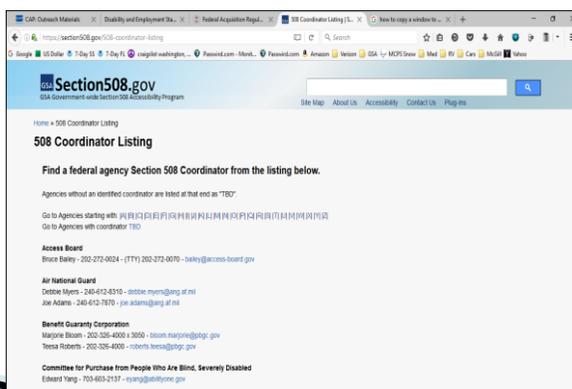
<https://app.buyaccessible.gov>



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Accessibility Resources (www.508.gov)

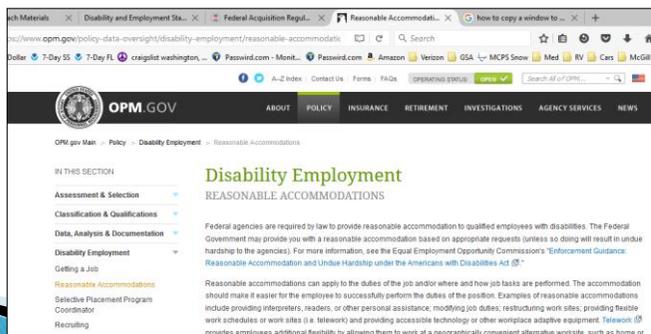
<https://section508.gov/508-coordinator-listing>



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Accommodation Resources

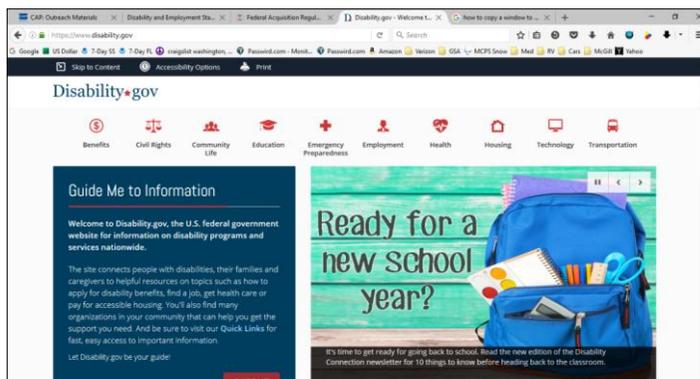
<https://www.opm.gov/policy-data-oversight/disability-employment/reasonable-accommodations/>



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Accommodation Resources

<https://www.disability.gov/>



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Accommodation Resources

<https://askjan.org/>



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www.cap.mil



**The Computer/Electronic
Accommodations Program**

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Computer/Electronic Accommodations Program

- CAP was established in 1990 as the Department of Defense (DoD) centrally funded program to provide accommodations to DoD employees
- Today, CAP provides assistive technology and support services to ensure federal employees with disabilities at 68 partnering organizations

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CAP Services

- Provide assistive technology and associated training
- Conduct needs assessments and technology demonstrations
- Provide training on disability program management and creating an accessible environment
- Support the compliance of federal laws, regulations, and Executive Orders

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2016 Inter-Agency Accessibility Forum

- WHAT: Accessibility Conference with Plenary Sessions: “Accessibility and Artificial Intelligence” ; “The Bottom Line: Employees with Disabilities” ; Workshops on a wide variety of accessibility topics; Exhibitors with solutions and new approaches
- WHEN: Tuesday, October 11, 2016; 9:00 a.m. to 4:30 p.m
- WHERE: Natcher Conference Center at NIH
 - Bethesda, Maryland
- REGISTRATION NOW OPEN:
<http://www.adaconferences.org/FederalForum/>
- For information: All1y@hhs.gov

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Questions?

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