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

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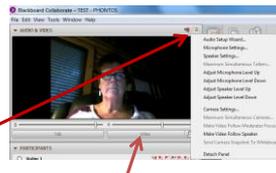
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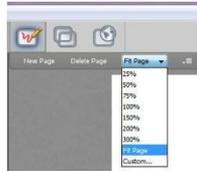
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Customize Your View *continued*



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Section 508 ICT NPRM – an Overview

"Section 508 Best Practices" Webinar Series

This webinar is sponsored by:



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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 2015:

- ▶ Webinars dates are bi-monthly during 2015.
January, March, May, July, September, November
- ▶ Next Webinar: May 26, 2015 – 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 –2015

- ▶ 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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Section 508 ICT NPRM – an Overview

Moderator:

Deborah Kaplan, Section 508 Policy Lead, Office of the CIO, HHS

Presenters:

David Baquis, Accessibility Specialist, U.S. Access Board

Bruce Bailey, Accessibility IT Specialist, U.S. Access Board

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

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Agenda

- i. Introduction -- What is the ICT NPRM?
- ii. Structure and Organization
- iii. Issues
 - A. WCAG 2.0 incorporated by reference
 - B. Covered content
 - C. Required compatibility of covered technologies
 - D. Real-time text functionality
- iv. Commenting on the ICT NPRM
- v. Next steps: Rulemaking process
- vi. Q & A

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I. What is the ICT NPRM?

- ▶ “Information and Communication Technology Notice of Proposed Rulemaking”
- ▶ Latest stage in the rulemaking process for the update or “Refresh” of Section 508 standards and Section 255 guidelines
- ▶ ICT NPRM includes:
 - Preamble (discussion)
 - Text (provisions)
 - Regulatory Impact Analysis (cost/benefits)

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II. NPRM Structure and Organization

- ▶ Single document for both 508 standards and 255 guidelines
- ▶ Similar format as used in the ADA and ABA Accessibility Guidelines
- ▶ Advisories and links to technical assistance provided
- ▶ Adopts functionality-based approach versus product categories

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Chapter Overview

- ▶ Two Application and Administration chapters
 - one for each rule (508=E 255=C)
- ▶ Two Scoping chapters (IMPORTANT!)
 - one for each rule
- ▶ Common chapters:
 - Chapter 3: Functional Performance Criteria
 - Chapter 4: Hardware
 - Chapter 5: Software
 - Chapter 6: Support Documentation and Services

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A Rule in 3 Parts



III. Issues: from the Preamble

- A. Broad application of WCAG 2.0:
 - WCAG 2.0 incorporation by reference
- B. Delineation of covered electronic “content”
 - Public and non-public facing electronic content
- C. Expanded interoperability requirements
 - Software compatibility with AT
- D. Requirement for RTT functionality
 - Real-Time Text

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A. Broad application of WCAG 2.0

- ▶ The incorporation of the WCAG 2.0 Success Criteria by reference
 - Propose to *also* apply WCAG Success Criteria to software and some offline electronic documents

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E205 Content

- ▶ E205.4 Accessibility Standards
 - Content must conform to Level A and Level AA Success Criteria and Conformance Requirements specified for Web pages in WCAG 2.0 (incorporated by reference in Chapter 1) or,
 - where applicable, ISO 14289-1 (PDF/UA-1) (incorporated by reference in Chapter 1).

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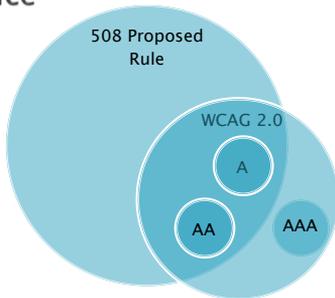
E207 Software

▶ E207.2 WCAG Conformance

- User interface components, as well as the content of platforms and applications, must conform to Level A and Level AA Success Criteria and Conformance Requirements specified for Web pages in WCAG 2.0 (incorporated by reference in Chapter 1).

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WCAG 2.0 Incorporation By Reference



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B. Delineation of Covered Electronic “Content”

Covers “Agency Official Communication” that is:

- ▶ E205.2 All public facing content: such as websites, posted documents, blog posts, agency social media
- ▶ E205.3 Eight categories of non-public facing electronic content covered
- ▶ Exception: Only for National Archives and Records Administration (NARA)

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E205.3 Agency Official Communication (non-public facing)

1. An emergency notification;
2. An initial or final decision adjudicating an administrative claim or proceeding;
3. An internal or external program or policy announcement;
4. A notice of benefits, program eligibility, employment opportunity, or personnel action;
5. A formal acknowledgement or receipt;
6. A questionnaire or survey;
7. A template or form; or
8. Educational or training materials.

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C. Expanded interoperability requirements

- ▶ Proposed rule describes the required compatibility of covered technologies, including operating systems, software development toolkits, and software applications with assistive technology.

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502 Interoperability with Assistive Technology

- ▶ 502.2 Documented Accessibility Features
 - 502.2.1 User Control of Accessibility Features
 - 502.2.2 No Disruption of Accessibility Features
- ▶ 502.3 Accessibility Services
 - 502.3.1 Object Information
 - 502.3.2 Row, Column, and Headers
 - 502.3.3 Values
 - 502.3.4 Label Relationships
 - 502.3.5 Hierarchical Relationships
 - 502.3.6 Text
 - 502.3.7 Actions
 - 502.3.8 Focus Cursor
 - 502.3.9 Event Notification
- ▶ 502.4 Platform Accessibility Features

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D. Requirement for RTT functionality

- ▶ Real-time text functionality (text that is transmitted character by character as it is being typed) for products providing real-time, two-way voice communication;
- ▶ Hardware (RTT display and generation)
- ▶ Signal (on PSTN or on VoIP using SIP)
- ▶ HCO/VCO and Voice mail/Auto attendant/IVR

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410.6 Real-Time Text Functionality

- ▶ **410.6.1 Display of Real-Time Text.** Where provided, multi-line displays shall be compatible with real-time text systems used on the network.
- ▶ **410.6.2 Text Generation.** Where provided, features capable of text generation shall be compatible with real-time text systems used on the network.
- ▶ **410.6.3 Interoperability.** Where ICT interoperates outside of a closed system of which it is a part, or where ICT connects to other systems, ICT shall conform to 410.6.3.1 or 410.6.3.2.
 - ▶ **410.6.3.1 PSTN.** Where ICT interoperates with the Public Switched Telephone Network (PSTN), real-time text shall conform to TIA 825-A (incorporated by reference in Chapter 1).
 - ▶ **410.6.3.2 VoIP Using SIP.** Where ICT interoperates with Voice over Internet Protocol (VoIP) products or systems using Session Initiation Protocol (SIP), real-time text shall conform to RFC 4103 (incorporated by reference in Chapter 1).

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IV. Commenting on the ICT NPRM

- ▶ **Public comment period: 2/27/15– 5/28/15**
- ▶ **Comments filed online:**
Federal eRulemaking Portal: <http://www.regulations.gov>. Follow the instructions for submitting comments. The Regulations.gov ID for this docket is ATBCB-2015-0002.
- ▶ **E-mail:** docket@access-board.gov.
Include docket number "ATBCB-2015-0002" in the subject line of the message.
- ▶ **Snail mail:** Office of Technical and Information Services,
Architectural and Transportation Barriers Compliance Board,
1331 F Street NW., suite 1000,
Washington, DC 20004-1111 ATTN: Docket
- ▶ **Questions:** 508@access-board.gov

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What do we want from you?

Tell us how these standards impact you, by

- ▶ Answering 42 questions in ICT NPRM, or
- ▶ Formulating your own response
- ▶ Be specific:
 - Discuss your personal experience explaining how something impacts you, and/or
 - Provide specific cost data for benefits and burdens

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V. Next Steps: Rulemaking process

- ▶ Comment period ends: May 28, 2015
- ▶ Analyze comments
- ▶ Develop final rule
- ▶ Develop regulatory assessment
- ▶ Submit to Office of Management and Budget for review
- ▶ Publish Final rule in the Federal Register
- ▶ FAR Council incorporates new §508 rule into Federal Acquisition Regulations

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RESOURCES

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About the ICT NPRM:

- ▶ **ICT NPRM:** <http://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/proposed-rule> [Contains Diagrams]
- ▶ **Summary:** <http://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/overview-of-the-proposed-rule>
- ▶ **News release:** <http://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/news-release>

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File / Read Comments:

- ▶ **Comment page at Regulations.gov:**
<http://www.regulations.gov/#docketDetail;D=ATBCB-2015-0002>
- ▶ **Official publication in the Federal Register:**
<http://www.gpo.gov/fdsys/pkg/FR-2015-02-27/pdf/2015-03467.pdf>

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VI. Q & A



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For More Information, contact us:

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