

A large, faint watermark of the Texas State Seal is visible in the background, centered behind the main text. The seal depicts a five-pointed star surrounded by a wreath of olive and live oak branches, with the words "THE STATE OF TEXAS" and "1845" inscribed around the perimeter.

**EIR Accessibility Web Scanning Program**  
**Jeff Kline, Statewide Accessibility Coordinator**  
**Texas Department of Information Resources**

**October, 2012**

# What is Accessibility Web Scanning?

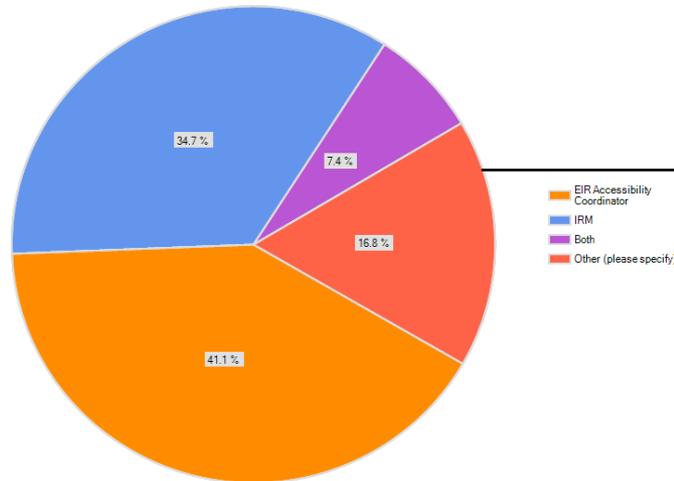
An automated tool or service for identifying accessibility errors on websites

- “spiders” websites searching for specific or missing accessibility criteria
- Uses defined (Section 508, WCAG 2.0, etc.) or customized standards
- Reports on error type, location, frequency and other valuable information
- Generates reports and maintains key historical data
- Highly scalable
- Can be installed by customer or hosted as a service
  - ▶ DIR will use Deque’s hosted service
- Can not check against **all** accessibility standards
  - Manual testing of representative web pages is still needed



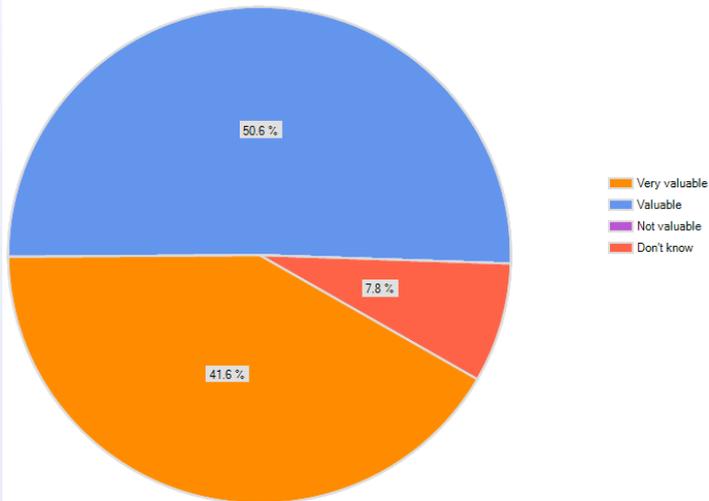
# 2012 DIR Survey on Accessibility Web Scanning

Respondent Type

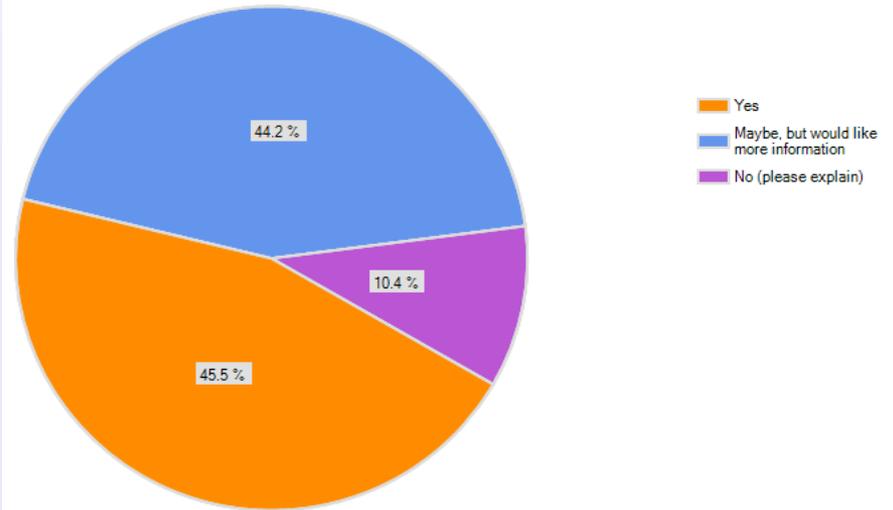


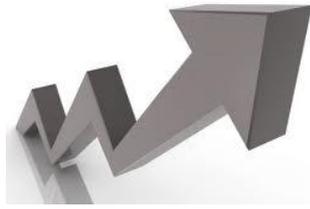
- "Other" Responses:**
- Web Content Director
  - Sr IT Policy Analyst supporting Accessibility Coordinator
  - CIO
  - web administrator
  - Developer
  - PMO Division Director
  - Webmaster (2)
  - Web Manager
  - Systems Analyst II
  - Project Manager
  - Interested party
  - RMO
  - In an IRM and part of a 4 person EIR Access. Coord. Team
  - Web Content Manager

Value of Accessibility website scanning



Interest in participating in NO Cost web scanning from DIR





# DIR Enterprise Web Scanning Program

## Objectives and Benefits of the Program

- Assist agencies in making their public websites accessible for all Texas citizens including people with disabilities and in support of meeting web accessibility technical standards defined Texas Administrative Code (TAC) Chapter 206. The service will be provided at **NO COST** to agencies and will allow agencies to:
- Increase accessibility compliance levels of agency public websites
- Obtain precise, critical accessibility information about a subset of an agency's live public website that might not otherwise be available / affordable
- Utilize the reported information and supporting resources to remediate identified accessibility issues
- Mitigate risk to the state through demonstration that progress is being made and initiative taken to create an inclusive IT environment
- Lay the groundwork for agencies to establish accessibility baselines, goals, and metrics to track progress

# Highlights of the Program

- 150 pages scanned monthly for accessibility issues, beginning at the home page of the agency's public website
  - PDF documents discovered during the scan will also be checked for accessibility.
  - Scan uses the in [Section 508, §1194.22](#) ruleset (referenced in 1 TAC 206.50 / 70).
- A Memorandum of Understanding (MOU) must be returned to DIR for participation in the program. Agencies will be scheduled into the scan environment in order of receipt of their signed MOU to DIR.
- Agency EIR Accessibility Coordinators will receive a login ID to access their agency's detailed reports residing on DIR's secure area of the vendor's (Deque) server.
- Agency reports will provide summary and detailed information on the accessibility of the agency's scanned pages and PDFs including
  - # of pages with errors
  - Error types, locations, and code snippets where the errors occurred
  - Support information with resources and techniques for remediating the identified errors
- Results can be downloaded into a spreadsheet for distribution to agency web staff
- Self-paced training resources on use of the service user interface will be made available from the vendor

## Scan Results, Data Ownership and Sharing

- Scan results are owned by the receiving agency.
- Receiving agency will have access to only the data applicable to itself.
- DIR will have access to aggregated results to track progress across state agencies.
- DIR will have viewing access to all data included in the scan for use in analysis and metrics at the enterprise level
  - % pages with errors
  - Most request error types
  - Progress over time
- DIR will not share individual agency results with 3<sup>rd</sup> parties, without written agency approval

# Tasks and Activities

Task / Activity	Performers		
Execution of MOU	DIR	Agency	
Coordinate Scanning schedules with agencies (5 per month)	DIR	Agency	
Contact agency EIR AC to inform them of agency scan initiation	DIR		
Login credentials to review agency results assigned to Agency		Agency	Service Vendor
Initial scan			Service Vendor
Analyze results and tune settings	DIR	Agency	Service Vendor
Rescan			Service Vendor
Validate results		Agency	
Integrate site into monthly scans			Service Vendor
Websites will be sampled monthly. Agencies receive new scan reports after each completed scan and works with appropriate staff to remediate		Agency	Service Vendor
Support of Report information	DIR		Service Vendor

# Questions