



## **Accessibility Information**

Advanced Software Systems, Inc. (ASSYST) strives to make its products and services accessible for all users, including people with disabilities. ASSYST has been working to make its Web content accessible to as broad a user base as possible. Our corporate Web site, [www.assyst.net/](http://www.assyst.net/), complies with best practices and standards as defined by Section 508 of the U.S. Rehabilitation Act and the Web Content Accessibility Guidelines (WCAG) of the World Wide Web Consortium Web Accessibility Initiative (W3C WAI).

## **ASSYST'S Product and Solutions Accessibility**

To assist Federal contracting officials and other buyers in making preliminary assessments regarding the availability of commercial "Electronic and Information Technology" products and services with features that support accessibility ASSYST has prepared the following information and contact information pertaining to our products and services supporting features relating to accessibility.

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Name of Product and Services: Advanced Software Systems, Inc (ASSYST)

Contact Information: Joe Anderson, 703-230-3107, [buysmart@assyst.net](mailto:buysmart@assyst.net)

Advanced Software Systems, Inc. (ASSYST)

22866 Shaw Road, Sterling, VA 20166

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### **Software Applications and Operating Systems**

All features of ASSYST'S products are accessible via keyboard input that is textually discernable. The applications and operating systems designed, developed, and implemented by ASSYST have keyboard equivalents where all actions can be discerned textually. The solutions implemented by ASSYST do not disrupt, interfere with, or disable any features of any other product or operating system, especially those identified as accessibility features that exist in APIs (Application Programming Interfaces).

Graphical User Interfaces (GUI) engineered by ASSYST provides visual focus across the various forms, reports, and user interfaces. ASSYST'S implementation of software applications programmatically exposes content in the GUI that considers the focus, tracks the focus, and facilitates changing the focus by calling Assistive Technology APIs. All relevant icons and graphical user interface elements have their information available as text either through a tooltip, a hyperlink description, or prompt name of an icon. When implementing graphics such as bitmap images ASSYST employs functions to identify controls,

status indicators, and programmatic elements and the vernacular, vocabulary, descriptive meaning, and data dictionary definitions are consistent throughout the software hierarchy.

ASSYST'S application design and development approach provides textual information for the operating system functions. ASSYST'S applications do not override user selected contrast and color selections and other individual display attributes. When implementing animation, ASSYST provides assurance that the information displayed is displayable in at least one non-animated presentation mode at the bequest of the user. Features provides assurance that our products and solutions do not use color coding as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.

ASSYST'S solutions permit users to adjust color and contrast settings, and provide a variety of color selections as well as a wide range of contrast levels. ASSYST software application development practices does not include flashing or blinking text, objects, or other elements having a flashing or blinking frequency exceeding 2 Hz and less than 55 Hz. ASSYST'S implementation of electronic forms considers Assistive Technology to access the information during the requirements and design phases of the Solution Delivery Lifecycle methodology (SDLM). This includes an analysis of data and field elements, the functionality required for completion and submission of the form including work flow.

### **Web-based Internet Information and Applications**

ASSYST provides a text equivalent for every non-text element and provides equivalent alternatives for any multimedia presentation that is synchronized with the presentation in the Web page. The Web pages are designed so that all information conveyed with color is available without color, for example from context or markup, or plain text editor or HTML editor. ASSYST organizes documents so they are readable without requiring an associated style sheet, and we use redundant text links when necessary to provide for each active region of a server-side image map.

ASSYST implements client-side image maps instead of server-side image maps. Except where the regions cannot be defined with an available geometric shape, we identify row and column headers for data tables, and provide markups used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers. ASSYST provides frames titled with text that facilitates frame identification and navigation, and Web pages that are designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.

ASSYST'S Web application implementations provide a text-only page, with equivalent information or functionality, when compliance cannot be accomplished in any other way. The content of the text-only page is updated whenever the primary page changes. ASSYST provides assurance that when pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.

When ASSYST is implementing Web pages and an applet, plug-in or other application is required to interpret page content, then we provide a link to a plug-in or applet that complies with the request and accessibility standards when applicable. ASSYST designs Web forms that can be completed on-line. During the requirements analysis, design and developing phases we include requirements such as accessing Assistive Technology and this includes analyzing data and field elements, and the functionality required for completion and submission of the form including any necessary work flow. ASSYST'S methods include permitting users to skip repetitive navigation links.