

Infragistics® ASP.NET 2019 Voluntary Product Accessibility Template



Section 1194.22 Web-based Internet information and applications - Voluntary Product Accessibility Template

Infragistics® ASP.NET

Summary Table

| Criteria | Supporting Features | Remarks and Explanations |
|--|--|---|
| Section 1194.21 Software Applications and Operating Systems Accessibility. | Not applicable: This functionality does not apply to Infragistics ASP.NET controls. | |
| Section 1194.22 Web Accessibility. | Supported. Please refer to the attached VPAT. | Infragistics ASP.NET controls are not primarily considered a Web-based internet information and applications product. Visual Studio 2005-2010 is used, however, to build Web-based and other types of applications. |
| Section 1194.23 Telecommunications Products. | | Infragistics ASP.NET controls are not considered a telecommunications product. |
| Section 1194.25 Self-Contained, Closed Products. | | Infragistics ASP.NET controls are not a self-contained product. |
| Section 1194.26 Desktop and Portable Computers. | | Infragistics ASP.NET controls are software as defined under section 1194.21. |
| Section 1194.31 Functional Performance Criteria. | Supported. Please refer to the attached VPAT. | |
| Section 1194.41 (a) Information, Documentation and Support. | Supported. Please refer to the attached VPAT. | |

Infragistics® ASP.NET

Detail Table

| Criteria | Supporting Features | Remarks and Explanations |
|--|--|---|
| (a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content). | Fully supported: Infragistics ASP.NET controls provide a text equivalent for every non-text element. | <p>Infragistics ASP.NET controls provide default text describing graphic elements that convey information equivalent to the image.</p> <p>The page developer using Infragistics ASP.NET controls may customize the description provided by the controls through setting properties to specify appropriate alternate text. The page developer must set these properties when using certain sophisticated features of the controls if the default description is not suitable.</p> <p>Certain non-text elements which appear only to facilitate a visual layout and not to present information (i.e., transparent spacer images, decorations) are provided empty text equivalents consistent with Web Content Accessibility Guidelines 1.0 checkpoint 1.1 so that these non-text elements can be ignored by assistive technology.</p> |
| (b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation. | Not applicable: This functionality does not apply to Infragistics ASP.NET controls. | The page developer using Infragistics ASP.NET controls must utilize the controls in such a way as to conform to this requirement. |
| (c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup. | Fully supported with minor exceptions: Infragistics ASP.NET controls provide functionality that conforms to these criteria. | <p>The page developer using Infragistics ASP.NET controls must follow certain design practices to conform to this requirement.</p> <p>Page developers should avoid conveying information to end users through the Style object properties only. Infragistics ASP.NET controls are easily styled by color, but color alone cannot comply with this requirement.</p> <p>Page developers can associate an image with many elements capable of being marked as selected by an Infragistics ASP.NET control, and have that image provide alternate text denoting the element's selected status.</p> |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|--|---|--|
| | | <p>Certain visual-only effects such as mouse hover effects are transient and intended as visual embellishments only. Page developers can conform with this requirement by applying non-color Style properties in these hover effects if the effect is intended to convey information on their Web site.</p> <p>In order to emulate the Microsoft Outlook 2007 appearance of a calendar showing appointments for multiple owners, the WebMonthView and WebDayView color appointments differently by owner.</p> <p>Page developers should choose style sets or presets included in Infragistics ASP.NET controls that offer users content styled with suitable contrast.</p> |
| (d) Documents shall be organized so they are readable without requiring an associated style sheet. | Fully supported with minor exceptions: Infragistics ASP.NET controls provide functionality that conforms to these criteria. | <p>WebDayView utilizes dynamic sizing and positioning of activities based on their length, therefore without style sheets these activities may not appear readable.</p> <p>ASP.NET AJAX controls should be readable without a style sheet, but will appear unstyled and may lose their control structure.</p> |
| (e) Redundant text links shall be provided for each active region of a server-side image map. | Not Applicable: This functionality does not apply to Infragistics ASP.NET controls. | Infragistics ASP.NET controls do not employ server-side image maps. |
| (f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape. | Fully supported: Infragistics ASP.NET controls provide functionality that conforms to these criteria. | Image maps rendered by WebChart are client-side. Regions on the WebChart image map can be assigned alternate text that describe the chart element. |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|--|--|--|
| (g) Row and column headers shall be identified for data tables. | Fully supported: Infragistics ASP.NET controls provide functionality that conforms to these criteria. | <p>WebSchedule view controls treat the day of the week above their columns as a column header using the scope attribute, or where necessary, the id and headers attributes.</p> <p>WebMonthView associates the week number with the days in each week as a row header, if the page developer makes week numbers visible.</p> |
| (h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers. | <p>WebCalendarView, WebDayView, WebMonthView support this partially. By enabling the control's Section508Compliant property, scope attributes are rendered to identify DayOfWeek headers as column headers, and WeekNumbers as row headers.</p> <p>This functionality does not apply to other Infragistics ASP.NET controls.</p> | <p>The page developer using Infragistics ASP.NET controls must utilize the controls in such a way as to conform to this requirement.</p> <p>Data cells are not associated with all successive column headers when grouped in Outlook Group By view in the WebGrid because the visual layout in Outlook Group By view relies on multiply nested tables. Page developers should present grouped information in an alternative manner to conform to this requirement. WebGrid exposes Group By rows programmatically to make this possible.</p> |
| (i) Frames shall be titled with text that facilitates frame identification and navigation. | <p>Not Applicable: This functionality does not apply to Infragistics ASP.NET controls.</p> | <p>The page developer using Infragistics ASP.NET controls must utilize the controls in such a way as to conform to this requirement.</p> |
| (j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz. | <p>Not Applicable: This functionality does not apply to Infragistics ASP.NET controls.</p> | <p>The page developer using Infragistics ASP.NET controls must utilize the controls in such a way as to conform to this requirement.</p> <p>Page developers must configure the WebImageViewer's hover styles to avoid excessive flicker in response to rapid mouse movements.</p> |
| (k) A text-only page, with equivalent information or functionality, shall be | <p>Not Applicable: This functionality does not apply to Infragistics ASP.NET controls functionality.</p> | <p>The page developer using Infragistics ASP.NET controls must utilize the controls in such a way as to conform to this requirement.</p> |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|--|--|---|
| <p>provided to make a Web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text- only page shall be updated whenever the primary page changes.</p> | | |
| <p>(l) 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.</p> | <p>Fully supported: Infragistics ASP.NET controls provide functionality that conforms to these criteria.</p> | <p>Infragistics ASP.NET controls add markup to their user interface elements that are created dynamically on the client to make these elements readable by Assistive Technology.</p> <p>The page developer can have many Infragistics ASP.NET controls render in a down-level mode without scripting except ASP.NET AJAX controls, WebSchedule, WebSpellChecker, and WebHtmlEditor. Limited functionality is available to end users when running in down-level mode.</p> <p>The WebExplorerBar, WebDataTree, and WebDropDown, controls' scripts change the page markup and the newly created content complies with the screen reader due to the attributes described in rules (a) and (c). If the initial markup is changed by the script engine of WebDataMenu, the new markup fully complies with applicable options of the Section 508 document.</p> <p>The WebUpload and WebVideoPlayer controls' scripts change the page's markup and the newly created content complies with the screen reader due to the attributes described in rule (c).</p> |
| <p>(m) When a web page requires that an applet, plug-in or other application be present on the client system</p> | <p>Not Applicable: This functionality does not apply to Infragistics ASP.NET controls functionality.</p> | <p>The page developer using Infragistics ASP.NET controls must utilize the controls in such a way as to conform to this requirement.</p> |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|---|--|---|
| <p>to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).</p> | | <p>When WebHtmlEditor functionality enabling users to embed streaming media into their content has been used, the page developer must provide a link to a suitable plug-in on the same page to conform to this requirement.</p> |
| <p>(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.</p> | <p>Fully supported with minor exceptions: Infragistics ASP.NET controls provide functionality that conforms to these criteria.</p> | <p>Infragistics ASP.NET controls have the ability to display alternate text and title information on user interface elements for page developers to utilize.</p> <p>WebSchedule and WebSpellChecker dialogs are designed with labels describing all dialog fields that can be read by Assistive Technology.</p> <p>WebDropDown supports describing itself via tooltips.</p> <p>All parts of the WebExplorerBar control, when placed in a form, are accessible using both the mouse and the keyboard, which includes expanding, collapsing, selecting, editing and navigating through groups</p> <p>Infragistics ASP.NET controls have a notion of a “selected” element that can be submitted as part of a form to allow their selection to be changed using a mouse or keyboard.</p> <p>WebHtmlEditor, a rich markup editor control, does not support keyboard accessibility.</p> <p>WebDataGrid and WebHierarchicalDataGrid do not support changing pages via keyboard. Page developers should not use their paging behavior to comply with this requirement.</p> <p>WebUpload and WebVideoPlayer participates in the tab sequence of the page and receives focus including via a mouse click.</p> |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|--|---|---|
| (o) A method shall be provided that permits users to skip repetitive navigation links. | Fully supported: Infragistics ASP.NET controls provide functionality that conforms to these criteria. | <p>Page developers can achieve this through using the navigation keys listed for rule (n).</p> <p>Many Infragistics ASP.NET controls support expand and collapse functionality which can be used to hide repetitive content such that a user is not required to navigate through that content. The page developer using Infragistics ASP.NET controls must utilize the controls in such a way as to conform to this requirement such as not presenting large amounts of content at one time.</p> |
| (p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required. | Partially supported: This functionality applies only to Infragistics ASP.NET controls with AJAX functionality. | <p>When using AJAX functionality of the Infragistics ASP.NET controls including WebSchedule and WebTab. The page developer must utilize the controls so as to avoid changes of context unless initiated by the user.</p> <p>The reminder notification functionality of WebSchedule causes a dialog to appear at a predetermined time that notifies the user of an activity. Page developers can disable reminder functionality to more fully conform with this requirement. Some controls with load-on-demand offer templates to customize the wait indication shown, or expose events that can be handled to comply with this requirement.</p> |
| (a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided. | Supported in the following ASP.NET controls: WebDataGrid, WebDropDown, WebDataTree, WebDataMenu, WebProgressBar, WebCalendar, WebWeekView, WebImageButton, WebGroupBox, WebSpellChecker, | This functionality does not apply to non-visual Infragistics ASP.NET controls, such as the WebScheduleInfo, WebExcelExporter, WebDocumentExporter, WebExcelExporter, WebHierarchicalDataSource or WebCalcManager controls. |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|---|--|--------------------------|
| | WebCaptcha, WebRating, WebTab, and all WebEditors. | |
| (b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided. | Not applicable: This functionality does not apply to Infragistics ASP.NET controls. | |
| (c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided. | Not applicable: This functionality does not apply to Infragistics ASP.NET controls. | |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|---|--|--|
| <p>(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.</p> | <p>Not applicable: This functionality does not apply to Infragistics ASP.NET controls.</p> | |
| <p>(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.</p> | <p>Not applicable: This functionality does not apply to Infragistics ASP.NET controls.</p> | |
| <p>(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.</p> | <p>Partially supported in ASP.NET controls: Infragistics ASP.NET controls partially provide functionality that conforms to these criteria.</p> | <p>Most Infragistics ASP.NET controls provide a mode of operation using the Tab key for forward interior navigation of elements when a TabIndex property is set on the control. When focus is inside of many controls, the cursor (or arrow) keys are supported to navigate rectangular UI elements in an intuitive (up/down, left/right) fashion.</p> <p>Some less commonly used functionality requires a keyboard combination of at least 2 keys pressed simultaneously.</p> |

Infragistics® ASP.NET

| Criteria | Supporting Features | Remarks and Explanations |
|--|---------------------|--|
| | | <p>A very small number of features (e.g., drag and drop to move UI elements, The pager in WebDataGrid and Web- HierarchicalDataGrid) are not directly accessible without fine motor control.</p> <p>Page developers are encouraged to use the programmatic object model of Infragistics ASP.NET controls to provide this functionality in an accessible manner conforming to these criteria.</p> |
| Section 1194.41 (a) Product Support Documentation | Supported | Documentation is provided in digital format for customers on the Web and available for no-charge download at http://www.infragistics.com |
| Section 1194.41 (b) Accessibility and Compatibility Features | Supported | Infragistics ASP.NET controls have accompanying Help File documentation listing their accessibility and compatibility features. An individual may access and view Help File topics online or may select a topic for print. |
| 1194.41 (c) Support Services | Supported | Infragistics Developer Support is familiar with features such as keyboard access and other options important to people with disabilities. |

This document is for informational purposes only. INFRAGISTICS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT. The information contained in this document represents the current view of Infragistics, Inc. on the issues discussed as of the date of publication. Because Infragistics must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Infragistics, and Infragistics cannot guarantee the accuracy of any information presented after the date of publication.

©2004 - 2019 Infragistics, Inc. All rights reserved. Infragistics, the Infragistics Logo, are registered trademarks of Infragistics, Inc. WebDataGrid, WebHierarchicalDataGrid, WebHierarchicalDataSource, WebExcelExporter, WebGridDocumentExporter, WebDropDown, WebExplorerBar, WebDataTree, WebDataMenu, WebEditors, WebTab, WebCalendar, WebChart, WebSchedule, WebScheduleInfo, WebHtmlEditor, WebCaptcha, WebDayView, WebMonthView, WebWeekView, WebImageButton, WebProgressBar, WebGroupBox, WebSpellChecker, WebUpload and WebVideoPlayer are trademarks of Infragistics, Inc. All other trademarks or registered trademarks are the respective property of their owners.

Revised 02/2019

Infragistics regularly updates its websites and provides new information about the accessibility of products as that information becomes available.