SECTION 508
VOLUNTARY PRODUCT ASSESSMENT*
TOPBRAID COMPOSER (ALL EDITIONS)

(*This assessment is based on and utilizes the **Voluntary Product Accessibility Template (VPAT)**: provided at: http://www.section508.gov/index.cfm)

VPAT™

Voluntary Product Accessibility Template®

Version 1.3

The purpose of the **Voluntary Product Accessibility Template**, or **VPAT**™, is 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. It is assumed and recommended that offerers will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the Section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, e.g., "equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

Date: Marh 31, 2010
Name of Product: TopBraid Composer (all editions: TBC-SE; TBC-ME)
Contact for more Information (name/phone/email):

Summary Table

VPAT™

Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	APPLICABLE section – see assessment section for details on supporting features.	
Section 1194.22 Web-based Internet Information and Applications	NOT APPLICABLE	
Section 1194.23 Telecommunications Products	NOT APPLICABLE	
Section 1194.24 Video and Multi-media Products	NOT APPLICABLE	
Section 1194.25 Self-Contained, Closed Products	NOT APPLICABLE	
Section 1194.26 Desktop and Portable Computers	NOT APPLICABLE	
Section 1194.31 Functional Performance Criteria	APPLICABLE section – see assessment section for details on supporting features	
Section 1194.41 Information, Documentation and Support	APPLICABLE section – see assessment section for details on supporting features	

Section 1194.21 Software Applications and Operating Systems – Detail

VPAT™

Voluntary Product Accessibility Template®

	Criteria	Supporting Features	Remarks and Explanations
(a)	When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually. **(a.1) Can you navigate all aspects of the application using only the keyboard** **(a.2) Is every feature of the application available using the keyboard**	**Supports with Exceptions** **Supports with Exceptions**	Keyboard navigation is provided for most of the menu commands in TopBraid Composer. Some of the functions, such as connecting modules in SPARQLMotion scripts require a mouse and are not accessible through the keyboard Nested forms, the graph and the context menus of the forms do not have keyboard shortcuts
(b)	Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer. **(b.1) Does the application avoid disrupting or disabling activated features of other products that are identified as accessibility features (where those features are developed and documented according to industry standards?** **(b.2) Does the application avoid disrupting or disabling activated features of any operating system**	**Supports with Exceptions** **Supports**	Note that the application settings in TopBraid Composer regarding the font and colors of the editing area may override the system settings.

that are identified as accessibility features (where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer)? **(b.3) Are all of the operating system accessibility options that were previously set still available?** **(b.4) Are all the features of the software product accessibility options that were previously set still available?**	**Supports** **Supports with Exceptions**	Note that the application settings in TopBraid Composer regarding the font and colors of the editing area may override the system settings.
(c) A well-defined onscreen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes. **(c.1) is a well-defined on-screen indication of the current focus (e.g., cursor) provided that moves among interactive interface elements as the input focus changes?** **(c.2) Is the focus programmatically exposed so that AT can track focus and focus changes?** **(c.3) Is there no evident change in on-screen focus as you navigate through one or more components of an application?**	**Supports** **Supports with Exceptions** **Supports with Exceptions**	TopBraid Composer provides on-screen indication of the current focus that moves among interactive interface elements as the input focus changes. TopBraid Composer does not programmatically expose the focus, but supports the accessibility settings of the host operating system.
(d) Sufficient information about a user interface element including the identity, operation, and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text. **(d.1) Can the screen reader**	**Supports**	All toolbar buttons provide a textual description through tooltips.

distinguish and read all controls such as prompts for edit fields, text, radio buttons, checkboxes, menus and toolbars to the user? **(d.2) When an image represents a program element is the information conveyed by the image available in text?**	**Supports with Exceptions**	TopBraid Composer does not currently provide programmatic access for assistive technology for all user interface elements such as the graph or tree views.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance. **(e.1) Do individual icons used to identify controls, status indicators or other programmatic elements mean the same thing through out the application?** **(e.2) When an image represents a program element is the information conveyed by the image available in text?**	**Supports** **Supports with Exceptions**	TopBraid Composer user interface consistently uses bitmap images to identify controls, status indicators, and other programmatic elements. All toolbar buttons provide a textual description through tooltips.
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes. **(f.1) Is all text presented in the application readable by assistive technologies? (Minimum information that shall be made available is text content, text input caret location, and text attributes).**	**Supports**	TopBraid Composer uses operating system functions for displaying text and other information.
(g) Applications shall not override user-selected contrast and color selections and other individual display attributes. **(g.1) Does the application avoid overriding user-selected contrast and color selections and other individual display attributes?**	**Supports**	TopBraid Composer does not override user selected contrast & color settings when they are available in the operating system.

(g.2) If a product uses its own color and contrast settings, does it comply with 1194.21 (j)?	**Not Applicable**	
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user. **If animated objects are present, is the information conveyed by the animated object displayable in at least one non-animated presentation mode at the option of the user(ie. , audio or captions?**	**Not Applicable**	TopBraid Composer does not display any animations.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. **If color is the sole means used to prompt a response, indicate an action, distinguish a visual element or convey information, is the information displayed in another mode? Example: If the color red indicate negative numbers, are those numbers also represented with a negative sign (-)?**	**Supports**	TopBraid Composer does not use color coding as the only means of conveying information. TopBraid Composer also uses icons to convey meaning through mnemonic associations. Color is not used as the sole means to distinguish between responses.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided. **(j.1) If users can adjust color and contrast setting, is a variety of color and contrast settings available to choose from?** **Note: If the product does not feature adjustable color or contrast settings, the standard does not apply.**	**Not Applicable**	

(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2Hz and lower than 55Hz. **(k.1) Are screen items which flash, blink or flicker set at a rate of less than twice a second or more than 55 times a second? (Hertz (Hz) is a cycle per second)** **(k.2) Does the page avoid using effects that cause the screen to "flicker" as pages are loaded?**	**Not Applicable** **Not Applicable**	TopBraid Composer does not use flashing or blinking text, objects or other elements in the software user interface.
(l) When electronic forms are used, 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. **(l.1) Can you navigate and follow links and forms with the keyboard?** **(l.2) Can the electronic forms be used with assistive technologies?** **(l.3) Can a screen reading program read all prompts, directions, explanations, or instructions on the form and understand the purpose of each field and the functionality required for completion and submission of the form?**	**Supports** **Support with Exceptions** **Support with Exceptions**	TopBraid Composer uses auto-completion and syntax checking in form interfaces. Assistive technologies are supported in TopBraid Composer to the extent they are supported through the operating system, Eclipse and Java, the foundation platforms on which Composer is built Currently not all prompts, directions, explanations or instructions for fields and functionality may be available for the assistive technology.

VPAT™

Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and Explanations
(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. **Is at least one mode of operation and information retrieval that does not require user vision provided, or is support for assistive technology used by people who are blind or visually impaired provided?**	**Supports with Exceptions**	Most features of TopBraid Composer may be accessed by text input, and all results may be accessed as plain ASCII text. Assistive Technology can allow visually impaired people to submit commands via voice input or other means and can allow plain text results to be presented via speech synthesis or a Braille display. Support for assistive technologies is provided in TopBraid Composer to the extent they are supported through the operating system (e.g. Windows), and Eclipse and Java, the foundation platforms on which Composer is built. TopBraid Composer features designed for graphical editing also have ASCII text alternatives. However the increased difficulty of working in ASCII will make the features unusable to many users.
(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. **Is at least one mode of operation and information retrieval that does not require visual perception greater than 20/70 provided in audio and enlarged print output working together or independently, or support for assistive technology used by people**	**Supported with Exceptions**	Using standard operating system features, enlarged print viewing is available in TopBraid Composer. Support to operate the application via assistive technologies is provided in TopBraid Composer to the extent they are supported through the operating system,

who are visually impaired provided?			and Eclipse and Java, the foundation platforms on which Composer is built. .
(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. **Is at least one mode of operation and information retrieval that does not require user hearing provided, or support for assistive technology used by people who are deaf or hard of hearing provided?**	**Supports**	TopBraid Composer does not utilize any audio (sounds, prompts, spoken word) for its operation and hearing is not necessary to use TopBraid Composer.
(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. **Where audio information is important for the use of a product, is at least one mode of operation and information retrieval provided in an enhanced auditory fashion, or support for assistive hearing devices provided?**	**Not Applicable**	TopBraid Composer does not utilize any audio (sounds, prompts, spoken word) for its operation and hearing is not necessary to use TopBraid Composer.
(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. **Where audio information is important for the use of a product, is at least one mode of operation and information retrieval provided in an enhanced auditory fashion, or support for assistive hearing devices provided?**	**Supports**	All features of TopBraid Composer may be accessed via keyboard text input or mouse controlled cursor. User speech is not required to access the full functionality

		of TopBraid Composer.
(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. **Is 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 provided?**	**Supports with Exceptions**	TopBraid composer interoperates with Assistive Technology to allow input of commands and retrieval of results via such methods as speech synthesis, speech interpretation, and any other Assistive Technology method that may submit plain text commands and present text results. Support for assistive technologies is provided in TopBraid Composer to the extent they are supported through the operating system (e.g. Windows), and Eclipse and Java, the foundation platforms on which Composer is built.

VPAT™

Voluntary Product Accessibility Template®

Criteria	Supporting Features	Remarks and Explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge. **(a.1) Is product support documentation provided to end-users available in alternate formats (i.e., ASCII text or HTML) upon request for no additional charge?** **(a.2) Are all manuals and documentation provided in electronic formats as well as text files, including text descriptions of any charts, graphs, pictures, or graphics of any nature?**	**Supports** **Supports**	TopBraid Composer comes with HTML based documentation which may be readily converted into ASCII or PDF at no cost to the user.
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge. **(b.1) Is a description of the product's accessibility and compatibility features that are built into a product fully documented and available in alternate formats or alternate modes upon request at no additional charge?** **(b.2) Are all keyboards navigation which does not follow documented system conventions fully documented and available in alternate formats or alternate modes upon request at no additional charge?**	**Supports** **Supports**	All TopBraid Composer features are described in HTML files and may be read by Assistive Technology.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.		TopBraid Composer technical support is available via plain ASCII email as well as user group forums using ASCII messaging. Technical support

Are help desks and other support services for products or services capable of accommodating the communication needs of persons with disabilities?	**Supports**	is also available via telephone. Assistive Technology, and emails from TopQuadrant may be read using Assistive Technology.