

Fortinet network security appliances, which include the FortiGate, FortiMail, FortiAnalyzer and FortiManager appliances provide a unified security solution for any organization. Typically, Fortinet appliances are deployed in secured computer equipment rooms or other secured areas suitable for electronic equipment. That is, Fortinet appliances are “located in spaces frequented only by service personnel for maintenance, repair, or occasional monitoring of equipment”. This type of equipment is not governed by Section 508 due to a general exception¹. However even though Fortinet’s appliances are excepted, Fortinet has integrated a Command-Line Interface (CLI) within its appliances thus making exception unnecessary.



Fortinet appliances offer local and remote configuration and monitoring by means of a CLI accessible through a separate terminal (a console). CLI-based applications are fully accessible to screen-reader technology and keyboard use without a mouse and are by definition, inherently accessible. In addition, Fortinet appliances provide context-sensitive online help menus for all users. Fortinet’s use of a CLI within its appliances conforms to Section 508 and additional details of this conformance are offered in the Voluntary Product Accessibility table below.

In addition to the CLI, Fortinet appliances also implement a web-based graphical user interface (GUI). This GUI is provided for convenience and is not required to configure, manage, or monitor Fortinet appliances. All trained system administrators of Fortinet appliances must understand and utilize the CLI in order to access the full-functionality (i.e., the standard and all advanced functions) of the Fortinet appliance.

In addition to hardware appliances, Fortinet also markets a personal computer (PC) security software application called FortiClient PC End Point Security. This software provides network firewall and virtual private network functions. With an optional subscription fee, it can be configured to provide antivirus, antispam, intrusion prevention, and web filtering. Typically, FortiClient PC software is configured by information technology professionals on behalf of an organization’s end-users and is not required to be configured or operated directly by end-users. Using a FortiManager appliance, an organization’s system administrator may use the FortiManager’s CLI to configure, deploy, and monitor FortiClient installations.

The FortiAnalyzer appliance includes functionality to generate reports in the Portable Document Format (PDF) standard. This format includes accessibility features for online viewing.

The following product accessibility information is provided to assist procurement officials with evaluating Fortinet appliances.

**Section 1194.21 - Software Applications and Operating Systems – Detail
Voluntary Product Accessibility**

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.	Yes.	Command Line Interface (CLI) executes all functions with a keyboard and can be discerned textually.
(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.	Yes.	Fortinet appliances accept a wide variety of CLI clients that do not disrupt accessibility features. A CLI client is built into the Fortinet GUI and this CLI client does not disrupt accessibility features.
(c) A well-defined on-screen 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.	Yes.	The focus of the CLI is always displayed textually and can be queried from the keyboard at any time.

¹ (FAR 39.204(d) http://205.130.237.11/far/current/html/Subpart%2039_2.html#wp1004775 and 36 CFR 1194.3(f) <http://www.section508.gov/index.cfm?FuseAction=Content&ID=12#General>.)

Criteria	Supporting Features	Remarks and explanations
(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.	Yes.	Identity, operation, and state of elements are always displayed textually in the CLI.
(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.	Not applicable.	Bitmap images are not used in the CLI.
(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.	Yes.	All textual information is text generated through the operating system.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Yes.	The CLI client is completely based on end-user selections for contrast and color and other individual display attributes.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not applicable.	Animation is not used in the CLI.
(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.	Not applicable.	Color coding is not used in the CLI.
(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.	Not applicable.	The CLI uses color, contrast, and palette selections set by user in the operating system and/or adaptive technology.
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Not applicable.	No flashing or blinking text, objects, or other elements are used in the CLI.
(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.	Not applicable.	No electronic forms are used in the CLI.



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