

SIMTICS Ltd Accessibility Conformance Report Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: SIMTICS Integrated Cognitive Simulator (ICS), Release: 15-Aug-

2019

Product Description: Interactive web-based simulations for learning clinical procedures

Report Date: 19th August 2019

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Notes: SIMTICS provides online content for **learning medical procedures and skills**, and is designed to help learners prepare for various clinical careers in the healthcare sector. Because of the requirements of these healthcare careers, the nature of the content, and the level of competence required to maintain patient safety when performing such procedures and skills, the product is highly visual and interactive, with competence assessment built-in. Produced with HTML5.

Evaluation Methods Used: Internal business analysis and proprietary testing

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- Partially Supports: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- Not Applicable: The criterion is not relevant to the product.
- Not Evaluated: The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- Chapter 5 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 602.3 Electronic Support Documentation

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Not an option for the type of integrated multimedia-based solution that we deliver
1.2.1 Audio-only and Video-only (Prerecorded) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Our product combines integrated text, audio and video with interactive simulations and as such cannot deliver the desired student outcome without completing the modules in the way they are designed

Criteria	Conformance Level	Remarks and Explanations
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Not provided at this time
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Does not support Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Not provided at this time

Criteria	Conformance Level	Remarks and Explanations
1.3.1 Info and Relationships (Level A) Also applies to:	Web: Does not support	Web: No live content provided
Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: This is implemented for text and quiz
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Simulation does not support this.
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially supports Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Color is used to convey specific product or learning information but is not the only method by which this information is presented.

Criteria	Conformance Level	Remarks and Explanations
	Web: Supports	Web:
1.4.2 Audio Control (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
 504.2 (Authoring Tool) 	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Partially supports	Web: Our product combines integrated text, audio and
2.1.1 Keyboard (Level A)		video with interactive simulations which can be used on
Also applies to:	Electronic Docs: Not	different devices and support many different forms of
Revised Section 508	applicable	interaction including Keyboard, Mouse and Touch
• 501 (Web)(Software)	Software: Not applicable	interfaces
 504.2 (Authoring Tool) 	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Partially supports	Web: Our product combines integrated text, audio and
2.1.2 No Keyboard Trap (Level A)		video with interactive simulations which can be used on
Also applies to:	Electronic Docs: Not	different devices and support many different forms of
Revised Section 508	applicable	interaction including Keyboard, Mouse and Touch
• 501 (Web)(Software)	Software: Not applicable	interfaces
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Partially supports	Web: Our product combines integrated text, audio and
2.2.1 Timing Adjustable (Level A)		video with interactive simulations which can be used on
Also applies to:	Electronic Docs: Not	different devices and support many different forms of
Revised Section 508	applicable	interaction including Keyboard, Mouse and Touch
• 501 (Web)(Software)	Software: Not applicable	interfaces
 504.2 (Authoring Tool) 	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	

Criteria	Conformance Level	Remarks and Explanations
2.2.2 Pause, Stop, Hide (Level A) Also applies to:	Web: Partially supports Electronic Docs: Not	Web: Our product combines integrated text, audio and video with interactive simulations which can be used on different devices and support many different forms of
Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	applicable Software: Not applicable Authoring Tool: Not applicable	interaction including Keyboard, Mouse and Touch interfaces
2.2.4 Thurs Floring on Bolow Thurshold (Level A)	Web: Partially supports	Web: We do not have content that flashes.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	
2.4.1 Bypass Blocks (Level A)	Web: Supports	Web: Menu driven - selectable by user
Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Electronic Docs: Not applicable Authoring Tool: Not applicable	
	Web: Supports	Web: Pages have titles
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	

Criteria	Conformance Level	Remarks and Explanations
	Web: Partially supports	Web: The module text, video and simulation are laid out
2.4.3 Focus Order (Level A)		in a logical order that follows the steps of the procedure
Also applies to:	Electronic Docs: Not	covered in the module.
Revised Section 508	applicable	
 501 (Web)(Software) 	Software: Not applicable	
 504.2 (Authoring Tool) 	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Supports	Web: Hover over pop-ups presented as appropriate
2.4.4 Link Purpose (In Context) (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
 501 (Web)(Software) 	Software: Not applicable	
 504.2 (Authoring Tool) 	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
2441	Web: Partially supports	Web:
3.1.1 Language of Page (Level A)	E	
Also applies to: Revised Section 508	Electronic Docs: Not	
	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not applicable	
• 602.3 (Support Docs)	аррисавіе	
	Web: Supports	Web:
3.2.1 On Focus (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	

Criteria	Conformance Level	Remarks and Explanations
	Web: Supports	Web:
3.2.2 On Input (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
 504.2 (Authoring Tool) 	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Supports	Web:
3.3.1 Error Identification (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Supports	Web:
3.3.2 Labels or Instructions (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Supports	Web:
4.1.1 Parsing (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	

Criteria	Conformance Level	Remarks and Explanations
	Web: Supports	Web:
4.1.2 Name, Role, Value (Level A)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
 504.2 (Authoring Tool) 	Authoring Tool: Not	
602.3 (Support Docs)	applicable	

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Not applicableSoftware: Not applicable	Web: No live content provided
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Supports Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Video components have audio introductions
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Web: Does not support Electronic Docs: Not applicable Software: Not applicable	Web: Not applicable

Criteria	Conformance Level	Remarks and Explanations
602.3 (Support Docs)	Authoring Tool: Not	
	applicable	
	Web: Partially Supports	Web: Use normal screen controls to resize font.
1.4.4 Resize text (Level AA)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
1.4.5 Images of Text (Level AA)	Web: Partially supports	Web: Our product combines integrated text, audio and video with interactive simulations
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
2.4.5 Multiple Ways (Level AA)	Web: Supports	Web:
Also applies to:		
Revised Section 508	Electronic Docs: Not	
 501 (Web)(Software) – Does not apply to non-web software 	applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
 602.3 (Support Docs) – Does not apply to non-web docs 	applicable	
	Web: Supports	Web:
2.4.6 Headings and Labels (Level AA)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	

Criteria	Conformance Level	Remarks and Explanations
	Web: Partially supports	Web:
2.4.7 Focus Visible (Level AA)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
	Web: Partially supports	Web:
3.1.2 Language of Parts (Level AA)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	
3.2.3 Consistent Navigation (Level AA)	Web: Supports	Web:
Also applies to:	Electronic Docs: Not	
Revised Section 508		
 501 (Web)(Software) – Does not apply to non-web software 	applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not applicable	
• 602.3 (Support Docs) – Does not apply to non-web docs	аррисавіе	
3.2.4 Consistent Identification (Level AA)	Web: Supports	Web:
Also applies to:		
Revised Section 508	Electronic Docs: Not	
• 501 (Web)(Software) – Does not apply to non-web software	applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
602.3 (Support Docs) – Does not apply to non-web docs	applicable	
3.3.3 Error Suggestion (Level AA)	Web: Supports	Web:
Also applies to:		
Revised Section 508	Electronic Docs: Not	
• 501 (Web)(Software)	applicable	

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool)	Software: Not applicable	
• 602.3 (Support Docs)	Authoring Tool: Not	
	applicable	
	Web: Does not support	Web: Not applicable
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)		
Also applies to:	Electronic Docs: Not	
Revised Section 508	applicable	
• 501 (Web)(Software)	Software: Not applicable	
• 504.2 (Authoring Tool)	Authoring Tool: Not	
• 602.3 (Support Docs)	applicable	

Table 3: Success Criteria, Level AAA

Notes: Not included.

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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does not support	Solution is multi-media and interactive
302.2 With Limited Vision	Does not support	Solution is multi-media and interactive
302.3 Without Perception of Color	Partially supports	Color is used as an indicator

Criteria	Conformance Level	Remarks and Explanations
302.4 Without Hearing	Partially supports	Closed captions are an option
302.5 With Limited Hearing	Partially supports	Closed captions are an option
302.6 Without Speech	Supports	
302.7 With Limited Manipulation	Partially supports	Solution is multi-media and interactive
302.8 With Limited Reach and Strength	Partially supports	Solution is multi-media and interactive
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially supports	Solution is multi-media and interactive

Chapter 4: <u>Hardware</u>

Notes: Not applicable. SIMTICS is independent of any hardware considerations and does not include touch screen use.

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required
402.1 General	Heading cell – no response required	Heading cell – no response required
402.2 Speech-Output Enabled	Heading cell – no response required	Heading cell – no response required
402.2.1 Information Displayed On-Screen		
402.2.2 Transactional Outputs		
402.2.3 Speech Delivery Type and Coordination		
402.2.4 User Control		
402.2.5 Braille Instructions		
402.3 Volume	Heading cell – no response required	Heading cell – no response required
402.3.1 Private Listening		
402.3.2 Non-private Listening		
402.4 Characters on Display Screens		
402.5 Characters on Variable Message Signs		
403 Biometrics	Heading cell – no response required	Heading cell – no response required
403.1 General		
404 Preservation of Information Provided for Accessibility	Heading cell – no response required	Heading cell – no response required
404.1 General		
405 Privacy	Heading cell – no response required	Heading cell – no response required
405.1 General		

Criteria	Conformance Level	Remarks and Explanations
406 Standard Connections	Heading cell – no response required	Heading cell – no response required
406.1 General		
407 Operable Parts	Heading cell – no response required	Heading cell – no response required
407.2 Contrast		
407.3 Input Controls	Heading cell – no response required	Heading cell – no response required
407.3.1 Tactilely Discernible		
407.3.2 Alphabetic Keys		
407.3.3 Numeric Keys		
407.4 Key Repeat		
407.5 Timed Response		
407.6 Operation		
407.7 Tickets, Fare Cards, and Keycards		
407.8 Reach Height and Depth	Heading cell – no response required	Heading cell – no response required
407.8.1 Vertical Reference Plane		
407.8.1.1 Vertical Plane for Side Reach		
407.8.1.2 Vertical Plane for Forward Reach		
407.8.2 Side Reach		
407.8.2.1 Unobstructed Side Reach		
407.8.2.2 Obstructed Side Reach		
407.8.3 Forward Reach		
407.8.3.1 Unobstructed Forward Reach		
407.8.3.2 Obstructed Forward Reach		
407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach		
407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward		
Reach		
408 Display Screens	Heading cell – no response required	Heading cell – no response required
408.2 Visibility		
408.3 Flashing		
409 Status Indicators	Heading cell – no response required	Heading cell – no response required
409.1 General		

Criteria	Conformance Level	Remarks and Explanations
410 Color Coding	Heading cell – no response required	Heading cell – no response required
410.1 General		
411 Audible Signals	Heading cell – no response required	Heading cell – no response required
411.1 General		
412 ICT with Two-Way Voice Communication	Heading cell – no response required	Heading cell – no response required
412.2 Volume Gain	Heading cell – no response required	Heading cell – no response required
412.2.1 Volume Gain for Wireline Telephones		
412.2.2 Volume Gain for Non-Wireline ICT		
412.3 Interference Reduction and Magnetic Coupling	Heading cell – no response required	Heading cell – no response required
412.3.1 Wireless Handsets		
412.3.2 Wireline Handsets		
412.4 Digital Encoding of Speech		
412.5 Real-Time Text Functionality	Reserved for future	Reserved for future
412.6 Caller ID		
412.7 Video Communication		
412.8 Legacy TTY Support	Heading cell – no response required	Heading cell – no response required
412.8.1 TTY Connectability		
412.8.2 Voice and Hearing Carry Over		
412.8.3 Signal Compatibility		
412.8.4 Voice Mail and Other Messaging Systems		
413 Closed Caption Processing Technologies	Heading cell – no response required	Heading cell – no response required
413.1.1 Decoding and Display of Closed Captions		
413.1.2 Pass-Through of Closed Caption Data		
414 Audio Description Processing Technologies	Heading cell – no response required	Heading cell – no response required
414.1.1 Digital Television Tuners		
414.1.2 Other ICT		
415 User Controls for Captions and Audio Descriptions	Heading cell – no response required	Heading cell – no response required
415.1.1 Caption Controls		
415.1.2 Audio Description Controls		

Chapter 5: Software

Notes: Not applicable. Solution provided is independent of core software programs and is supported across multiple operating environments

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See <u>WCAG 2.0</u> section	See information in WCAG 2.0 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features		
502.2.2 No Disruption of Accessibility Features		
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information		
502.3.2 Modification of Object Information		
502.3.3 Row, Column, and Headers		
502.3.4 Values		
502.3.5 Modification of Values		
502.3.6 Label Relationships		
502.3.7 Hierarchical Relationships		
502.3.8 Text		
502.3.9 Modification of Text		
502.3.10 List of Actions		
502.3.11 Actions on Objects		
502.3.12 Focus Cursor		
502.3.13 Modification of Focus Cursor		
502.3.14 Event Notification		
502.4 Platform Accessibility Features		
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences		
503.3 Alternative User Interfaces		
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls		
503.4.2 Audio Description Controls		
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	See WCAG 2.0 section	See information in WCAG 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format		
Conversion		
504.2.2 PDF Export		
504.3 Prompts		
504.4 Templates		

Chapter 6: Support Documentation and Services

Notes: Tutorial module is provided, in the form of a SIMTICS module with explanatory video, text, sample simulation for learning how to navigate the simulation, and a short quiz.

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Tutorial documents provided, both on screen and interactive
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Does not support	Not applicable
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Partially supports	Support desk will accept requests for accessibility and compatibility changes
603.3 Accommodation of Communication Needs	Partially supports	Support desk will accept requests for accessibility and compatibility changes

Legal Disclaimer (Company)

The information herein is provided in good faith based on the publicly released version of SIMTICS Integrated Cognitive Simulator at the time of the internal review and does not represent a legally-binding claim. Please contact us (details on **page 1**) to report any accessibility errors or conformance claim errors for reevaluation and correction, if necessary.