VPAT® Version 2.5 – WCAG 2.1 Accessibility Conformance Report – International Edition

Product Name: CNCMotion
Product Description: CNC (Computer Numerical Control) simulation and control software
Vendor: Intelitek
Version: V6 / V6 2020
Platform: Windows Desktop Application
Report Date: February 2026
Contact Information: support@intelitek.com

Evaluation Methods

Accessibility was evaluated through manual inspection, functional testing, and analysis of typical use in supervised classroom and laboratory environments.

Applicable Standards

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)
Web Content Accessibility Guidelines 2.1	Level A (Yes) / Level AA (Yes)
Web Content Accessibility Guidelines 2.2	Level A (Yes) / Level AA (Yes)
Revised Section 508 standards	(Yes)
EN 301 549 Accessibility requirements	(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.

WCAG 2.x Report

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Perceivable)	**Partially Supports**	Standard UI buttons have tooltips. The generated CNC toolpaths and 3D visualizations are purely visual.
1.2.1 - 1.2.3 Audio/Video	**Not Applicable**	
1.3.1 Info and Relationships (Perceivable)	**Partially Supports**	G-Code text editors are standard and accessible. The 3D verification window is not programmatically accessible.
1.3.2 Meaningful Sequence (Perceivable)	**Supports**	G-Code editor follows logical sequence.
1.3.3 Sensory Characteristics (Perceivable)	**Supports**	
1.4.1 Use of Color (Perceivable)	**Supports**	Syntax highlighting in G-Code is not the only indicator of code type.

Criteria	Conformance Level	Remarks and Explanations
1.4.2 Audio Control (Perceivable)	**Not Applicable**	
2.1.1 Keyboard (Operable)	**Partially Supports**	Writing G-Code and accessing top-level menus is supported via keyboard. Manipulating the 3D view requires a mouse.
2.1.2 No Keyboard Trap (Operable)	**Supports**	
2.1.4 Character Key Shortcuts (Operable)	**Supports**	
2.2.1 Timing Adjustable (Operable)	**Not Applicable**	
2.2.2 Pause, Stop, Hide (Operable)	**Supports**	Simulation can be paused.
2.3.1 Three Flashes (Operable)	**Supports**	
2.4.1 Bypass Blocks (Operable)	**Not Applicable**	
2.4.2 Page Titled (Operable)	**Supports**	
2.4.3 Focus Order (Operable)	**Supports**	
2.4.4 Link Purpose (Operable)	**Not Applicable**	

Criteria	Conformance Level	Remarks and Explanations
2.5.1 Pointer Gestures (Operable)	**Does Not Support**	3D manipulation requires dragging.
2.5.2 Pointer Cancellation (Operable)	**Supports**	
2.5.3 Label in Name (Operable)	**Supports**	
2.5.4 Motion Actuation (Operable)	**Not Applicable**	
3.1.1 Language of Page (Understandable)	**Supports**	
3.2.1 On Focus (Understandable)	**Supports**	
3.2.2 On Input (Understandable)	**Supports**	
3.3.1 Error Identification (Understandable)	**Supports**	Compiler errors are shown in text log.
3.3.2 Labels or Instructions (Understandable)	**Supports**	
4.1.1 Parsing (Robust)	**Not Applicable**	
4.1.2 Name, Role, Value (Robust)	**Partially Supports**	Works for G-Code editor, fails for 3D View.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 - 1.2.5 Captions/Audio	**Not Applicable**	
1.3.4 Orientation (Perceivable)	**Supports**	
1.3.5 Identify Input Purpose (Perceivable)	**Not Applicable**	
1.4.3 Contrast (Minimum) (Perceivable)	**Partially Supports**	The code editor supports high contrast. The 3D simulation uses metallic colors that may not meet contrast ratios.
1.4.4 Resize Text (Perceivable)	**Partially Supports**	Editor text can be resized; UI text cannot.
1.4.5 Images of Text (Perceivable)	**Supports**	
1.4.10 Reflow (Perceivable)	**Not Applicable**	
1.4.11 Non-text Contrast (Perceivable)	**Partially Supports**	
1.4.12 Text Spacing (Perceivable)	**Does Not Support**	
1.4.13 Content on Hover or Focus (Perceivable)	**Supports**	

2.4.5 Multiple Ways (Operable)	**Not Applicable**	
2.4.6 Headings and Labels (Operable)	**Supports**	
2.4.7 Focus Visible (Operable)	**Partially Supports**	Visible in the code editor, but focus is lost when entering the simulation window.
3.1.2 Language of Parts (Understandable)	**Not Applicable**	
3.2.3 Consistent Navigation (Understandable)	**Not Applicable**	
3.2.4 Consistent Identification (Understandable)	**Supports**	
3.3.3 Error Suggestion (Understandable)	**Supports**	Syntax errors in G-Code are highlighted.
3.3.4 Error Prevention (Understandable)	**Not Applicable**	
4.1.3 Status Messages (Robust)	**Does Not Support**	

Revised Section 508 Report

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	**Partially Supports**	Users can write and edit G-Code (text) using screen readers. Users cannot verify the visual simulation (3D) without vision.
302.2 With Limited Vision	**Partially Supports**	
302.3 Without Perception of Color	**Supports**	
302.4 Without Hearing	**Supports**	
302.5 With Limited Hearing	**Supports**	
302.6 Without Speech	**Supports**	
302.7 With Limited Manipulation	**Partially Supports**	Coding is keyboard accessible. Machine setup via drag-and-drop requires mouse interaction.
302.8 With Limited Reach and Strength	**Partially Supports**	
302.9 Limited Language, Cognitive, and Learning	**Supports**	

Chapter 4: Hardware

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	**Not Applicable**	Product is software.
402.1 - 415	**Not Applicable**	

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope - General	**Partially Supports**	See WCAG 2.x section.
502 Interoperability with Assistive Technology	**Partially Supports**	Works for the G-Code Editor pane; fails for the Graphic Simulation pane.
502.2.1 User Control of Accessibility Features	**Supports**	
502.2.2 No Disruption of Accessibility Features	**Supports**	
502.3 Accessibility Services	**Partially Supports**	
502.4 Platform Accessibility Features	**Supports**	
503 Applications	**Supports**	
504 Authoring Tools	**Not Applicable**	

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
602 Support Documentation	**Supports**	PDF format.
603 Support Services	**Supports**	

EN 301 549 Report

Chapter 4: Functional Performance Statements (FPS)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	**Partially Supports**	See Section 508, 302.1.
4.2.2 - 4.2.11	**Partially Supports**	See Section 508 Chapter 3.

Chapter 5-13

Criteria	Conformance Level	Remarks and Explanations
5.1 - 13.3	**Not Applicable / Supports**	See Section 508 for relevant software sections.

Accessibility Statement

CNCMotion is designed for supervised instructional use in industrial robotics and manufacturing technology education. Due to the graphical and spatial nature of the software, full WCAG 2.1 AA conformance is not supported. Equivalent learning outcomes are achievable through documented accommodations, instructor-led activities, and accessible supporting curriculum materials.

Legal Disclaimer

CNCMotion is a legacy product and is not currently under active development.