



Accessibility Policy

About

Labcenter Electronics Ltd are a software development company in the electronics and embedded industry. We support all aspects of electronics product design from schematic capture, through simulation and testing to PCB layout and design.

Scope

This policy summarises our approach to accessibility both within the Proteus Design Suite software and on the Labcenter website.

Proteus Design Suite Software Applications

Labcenter aim to take all reasonable steps to ensure that the Proteus Design Suite software is accessible to as many people as possible. However, the inherent visual nature of schematic capture and board layout, much akin to an image editor, is such that precision placement and editing operations are often required.

The following summarises accessibility features currently available inside Proteus.

- **Text and Fonts:** The Proteus software is tested with Windows Large Fonts, is high DPI aware and the full installed set of fonts can be chosen for use in the software editing windows.
- **Zoom and Pan:** The editing window (creation area) of both the schematic and the layout work with varying levels of zoom, including high magnification. Localised zoom is easily achieved and panning of the zoomed area fully supported.
- **Input Modalities:** The Proteus Software works with a combination of keyboard and mouse. Basic Windows accessibility features such as changes to mouse cursor are also partially supported, although Proteus does make widespread use of custom cursors.
- **Keyboard Accessibility:** The majority of dialogue forms and user commands can be actioned via keyboard shortcut, although certain actions such as routing a track require mouse interaction to guide placement. Keyboard shortcuts are mostly globally configurable.
- **Contrast:** Colour configuration inside the primary application editing areas is fully user settable. We are working towards application theming to provide contrast alternatives within the application framework.
- **Flashing Interface Elements:** Status bar warnings and errors result in a flash but not more than three times per second. Interface elements in a running simulation may flash at a rate programmed by the user (e.g. simulating flashing LED's connected to a microcontroller), but these would generally be a small percentage of the screen.
- **Predictability:** Software modules share a common application framework and basic user interface actions are common to the Proteus software Suite.

Goals and Compliance

The Proteus 9 application framework will better support both the Microsoft UI Automation and MSAA Interfaces. This will greatly improve usability for things like screen reader interaction with tree views and tables.



Labcenter Website (www.labcenter.com)

This website is run by Labcenter Electronics. We want as many people as possible to be able to use this website. For example, that means you should be able to:

- Use assistive technologies such as screen readers to access content.
- Access the site with a keyboard.
- Be able to use forms with labels and/or clear instructions so you know what is expected.
- Zoom in on content without text spilling off the screen.
- View text on backgrounds with a good colour contrast.
- Follow content that is organised under clear headings, using a logical order.
- Consistently able to navigate the site without moving elements.

We know some parts of this website are not fully accessible:

- You cannot currently modify the font and colour styling on the website.
- Some of our older PDF documents may not be fully accessible to screen reader software..
- Some areas of the site might be difficult to navigate with just a keyboard.

Goals and Compliance

Our goal is to make the Labcenter website fully accessible, in accordance with the Web Content Accessibility Guidelines (WCAG).

The website is currently partially compliant with the WCAG version 2.1 AA standard, due to the non-compliances listed below.

- Some videos do not currently have text transcripts. This fails WCAG 2.1 success criterion 1.2.1
- Some videos do not currently have titles or header tags to assist screen readers. This fails WCAG 2.1 success criterion 1.1.1
- Some areas of the website are not currently styled with relative units to allow for better text resizing. This fails WCAG 2.1 success criterion 1.4.4

As always we endeavour to make our website accessible for all users. The issues above are on our agenda to resolve as soon as possible. These will be rolled out in future updates as they stretch many areas in our codebase. When we develop any new content we'll aim to make sure they meet accessibility standards from the outset.

Concerns or Feedback

Please contact us by e-mail at info@labcenter.com if you have any questions or concerns regarding this policy or suggestions on how we might improve.