

sgcUI for .NET Avalonia Accessibility Conformance Report

International Edition, based on VPAT Version 2.5 INT

Name of Product/Version

sgcUI for .NET Avalonia, sgcUI 2026.10

Report Date

October 2026

Product Description

sgcUI is a suite of user interface components for application developers. This report covers the accessibility layer of the sgcUI for .NET Avalonia components: sgcGrid, sgcPivotGrid, sgcCharts, sgcGauges, sgcDashboard, sgcPlanner, sgcDiagram, sgcWizard, sgcNavigation, sgcToolbar, sgcEditors. Platform: Avalonia 12 applications (Avalonia 12.0 or later, tested with 12.1.4) on .NET 8 or later, evaluated on Windows, where Avalonia bridges its automation peers to Windows UI Automation. Other operating systems were not evaluated. The components expose their content to assistive technology through Avalonia automation peers: a ControlAutomationPeer for each control and an AutomationPeer for each virtual element, bridged by Avalonia to Windows UI Automation. They follow Windows high contrast, draw a visible focus indicator, offer keyboard alternatives for pointer operations and support right to left layouts and high DPI. Accessibility is on by default in every edition, including the Community edition.

Contact Information

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Notes

- The product is a set of software components that developers place in their own applications. Each criterion is judged for what the components provide. Many criteria depend on how the application uses them (names of images, labels, colours, instructions, error handling); the remarks say where that is the developer's responsibility.
- Not covered by this report: the sgcPDF viewer control and the sgcReports preview control, which do not expose accessibility information in this release. The tagged PDF and PDF/UA output of the sgcPDF and sgcReports libraries is a document feature and is not evaluated here.
- The WCAG 2.1 tables list the conformance for each context of the International edition. The Web, Electronic Documents and Authoring Tool contexts are Not Applicable for every row: the product is non-web software.
- Rows that depend on how assistive technology presents the exposed information were verified with the NVDA 2026.2 screen reader on Windows (see Evaluation Methods). Narrator was not tested.
- Avalonia limits (present in Avalonia 11.3 and still in 12.1.4, no change in the components): (1) with the default (selective) UI Automation event registration of NVDA, state changes of items inside sgcUI controls are not announced, because the Avalonia window answers GetFocusedElement with the control and not with the item. Workaround: in NVDA open Settings, Advanced, and set "Registration for UI Automation events and property changes" to Global. (2) Avalonia has no UI Automation notification event, so live notifications are not announced by Avalonia. Criteria affected are marked Partially Supports.
- sgcMaps is not available for Avalonia; .NET sgcMaps is a WinForms component.

Evaluation Methods Used

- Review of the implementation of the accessibility layer against the design specification, product by product.
- Automated in process tests in the product QA suites: the providers are called directly in process and check names, roles, values, states, patterns, element trees, bounds (also under right to left layouts and at 100 to 200 percent DPI), keyboard alternatives, focus indicator rendering, high contrast rendering (reference images) and the zero cost rule when no client listens. .NET: Registered and Community builds of every product, tests on .NET Framework 4.7.2 and .NET 8.

- The automated tests were first run with Avalonia 11.3 and were run again with Avalonia 12.1.4 on 12 October 2026: they pass for every product in the Registered and Community builds. Avalonia 12.1.4 still has no Grid, Table, GridItem, TableItem or ScrollItem patterns and no notification event, so the remarks that depend on them did not change.
- Colour contrast of the theme colours measured with the WCAG relative luminance formula.
- Manual screen reader testing with NVDA 2026.2 on Windows, on every platform of this suite. Result for this report: Avalonia: 69 checks passed and 10 failed with the default NVDA event registration, and 76 passed and 3 failed with NVDA set to Global registration. The failures are the Avalonia limits listed in the remarks of the affected criteria.
- Inspection with Accessibility Insights for Windows and AxeWindows 2.4.2: scans were run on the test applications and all real defects found were fixed.
- Narrator was not tested. No other screen reader was tested.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standards and guidelines:

Applicable standards and guidelines

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes), Level AA (Yes), Level AAA (No). Covered through the WCAG 2.1 tables.
Web Content Accessibility Guidelines 2.1	Level A (Yes), Level AA (Yes), Level AAA (No)
Web Content Accessibility Guidelines 2.2	Level A (No), Level AA (No), Level AAA (No)
Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017, corrected January 22, 2018	Yes
EN 301 549 Accessibility requirements for ICT products and services, V3.2.1 (2021-03)	Yes

Terms

Terms used in the Conformance Level information

Term	Definition
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 only be used in WCAG Level AAA criteria.

Products Covered and Notes per Product

Products covered and notes per product

Product	Exposed to assistive technology	Keyboard	High contrast	Notes
sgcGrid	Data grid: rows exposed as DataItem elements and cells as their children, each cell named "column header: value" with the help text "Row r of n, column c of m". Avalonia 12 has no Grid, Table, GridItem, TableItem or ScrollItem patterns, so these are not available	Cell navigation and selection, editing, filter popup (Alt+Down), column move (Alt+Shift+Left and Right), grouping (Ctrl+Shift+G and Ctrl+Shift+U). Column width resizing is pointer only	Yes. Under high contrast the progress cell draws no track (the value text is shown)	Supports with the Avalonia table limitation above
sgcPivotGrid	Pivot table: cells are direct children of the grid, each named "value field: value" with the help text "Row r of n, column c of m"; row and column headers expose ExpandCollapse. No Grid or Table patterns (Avalonia 12)	Cell navigation, expand and collapse, field list moves (Ctrl+1 to Ctrl+4, Ctrl+Up and Ctrl+Down, Space, Del) as the alternative to dragging fields	Yes	Supports with the Avalonia table limitation above

Product	Exposed to assistive technology	Keyboard	High contrast	Notes
sgcCharts	Chart root with the chart title and a generated description; series as lists, data points as list items with their values, legend, axes with their ranges, drawings	Point and series navigation, Enter activates a point. Zoom and pan by mouse and the financial drawing tools (trend lines and other annotations) have no keyboard alternative	Yes, series use system colours	Default light palette: four of the eight series colours are below 3:1 against white (see 1.4.11)
sgcGauges	Each gauge exposes its caption and value (RangeValue read only, or Value for digital, LED, clock and compass gauges); annunciator tiles as text elements	No interaction; not a tab stop by default (the application can set TabStop)	Yes	Supports
sgcDashboard and KPI cards	Dashboard pane with its tiles as groups (title, "Tile i of n"), the hosted control of each tile below it; KPI cards expose title, value, unit and trend as text	Arrows between tiles, Enter into the tile, Ctrl+Shift+Arrows move a tile, Alt+Shift+Arrows resize it	Yes (tile chrome uses the theme colours, which follow high contrast; KPI accent and trend colours are replaced by system colours)	Supports
sgcPlanner (Scheduler, Timeline, Gantt, Kanban)	Scheduler and Timeline: days or lanes as lists, appointments and the focused time slot as list items. Gantt: tasks as a tree (ExpandCollapse) and dependencies as elements. Kanban: columns as lists, cards as list items	Item navigation, open, insert, delete; Ctrl+Arrows move and Ctrl+Shift+Arrows resize items; Gantt dependencies with Ctrl+K and Ctrl+Shift+K; Kanban card moves between columns	Yes (application colours of items are replaced by system colours and outlines)	Supports
sgcDiagram	Diagram pane with shapes, connectors and groups (SelectedItem, Invoke for text editing); the shape palette as a list whose items add the shape (Invoke)	Selection, move, nudge, resize (Alt+Shift+Arrows), links (Ctrl+K), palette Enter or Space. Connector bend points are edited with the pointer only	Yes	While the view is editable, Tab and Shift+Tab cycle the selection inside the view and Ctrl+Tab and Ctrl+Shift+Tab move the focus to the next and the previous control (see 2.1.2)
sgcWizard	Wizard pane, stepper as a tab list with steps as tab items (completed, optional, unavailable), button bar as a toolbar, pages as panes	Steps, button bar, Ctrl+Tab and Ctrl+Shift+Tab between steps	Yes	Supports
sgcNavigation	Navigation tree with groups (ExpandCollapse) and items (SelectedItem, Invoke, badge text in the name)	Up, Down, Home, End, Enter, Space, Left and Right collapse and expand	Yes	Supports
sgcToolbar and status bar	Toolbar with buttons (Invoke, shortcut as AcceleratorKey), toggles (Toggle), drop downs (ExpandCollapse), separators and the overflow button; status bar panels as text or progress bars	Left, Right, Home, End, Enter, Space, Down or Alt+Down opens a menu. The status bar is not a tab stop	Yes	Buttons that show only an icon need a caption or a Hint, otherwise their name is generic (developer responsibility)
sgcEditors	Each editor exposes the role of its kind (edit, spinner, slider, combo box, calendar), its name and value (writable Value and RangeValue when not read only); popups expose day cells, tokens, swatches and list items while open	The keys of the standard counterpart of each editor, Alt+Down or F4 opens popups, Del removes a token	Yes	UIA Text pattern (text attributes and caret navigation) is not implemented
Not covered by this report: sgcPDF viewer, sgcReports preview	These two viewer controls do not expose UI Automation information in this release (owner decision D6). The sgcPDF and sgcReports libraries themselves produce tagged PDF and PDF/UA documents, which is a document feature outside this report	Not evaluated	Not evaluated	Does Not Support (outside the scope of this report)

WCAG 2.1 Report

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility supported ways of using technology as documented in the WCAG 2.1 Conformance Requirements. For this product, a set of non-web software components, the criteria are applied as described in WCAG2ICT, EN 301 549 clause 11 and Section 508 E207.2.

Table 1: Success Criteria, Level A**Table 1: Success Criteria, Level A**

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content Also applies to: EN 301 549 Criteria: 9.1.1.1 (Web), 10.1.1.1 (Non-web document), 11.1.1.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Figure components (charts, gauges, diagram, planner, dashboard) expose a name and a generated text description, the same text the tagged print export uses, and their data as elements (points, shapes, items). Developer responsibility: icon only toolbar buttons need a caption or Hint, and images the application adds need a name (AccessibleName). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
1.2.1 Audio-only and Video-only (Prerecorded) Also applies to: EN 301 549 Criteria: 9.1.2.1 (Web), 10.1.2.1 (Non-web document), 11.1.2.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components play no audio or video.
1.2.2 Captions (Prerecorded) Also applies to: EN 301 549 Criteria: 9.1.2.2 (Web), 10.1.2.2 (Non-web document), 11.1.2.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components play no audio or video.
1.2.3 Audio Description or Media Alternative (Prerecorded) Also applies to: EN 301 549 Criteria: 9.1.2.3 (Web), 10.1.2.3 (Non-web document), 11.1.2.3 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components play no audio or video.
1.3.1 Info and Relationships Also applies to: EN 301 549 Criteria: 9.1.3.1 (Web), 10.1.3.1 (Non-web document), 11.1.3.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Structure is exposed through roles and the element tree (lists, trees, tab lists, toolbars, groups) with position in set, size of set and level. Limitation: Avalonia 12 has no Grid and Table patterns, so sgcGrid and sgcPivotGrid convey the column header and the position in each cell name and help text instead of a table relationship; sgcPivotGrid cells have no row element. NVDA 2026.2 reads the column header and position that the cell names carry. Table semantics (Grid and Table patterns) remain a limit of Avalonia, also in 12.1.4. Narrator was not tested.
1.3.2 Meaningful Sequence Also applies to: EN 301 549 Criteria: 9.1.3.2 (Web), 10.1.3.2 (Non-web document), 11.1.3.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Child elements are exposed in reading order (rows and cells in view order, tiles in reading order, shapes in z order), also under right to left layouts (verified by automated bounds tests). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
1.3.3 Sensory Characteristics Also applies to: EN 301 549 Criteria: 9.1.3.3 (Web), 10.1.3.3 (Non-web document), 11.1.3.3 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Built in names, descriptions and announcements do not rely on shape, colour, size, location or sound. Instructions written by the application are the developer's responsibility.
1.4.1 Use of Color Also applies to: EN 301 549 Criteria: 9.1.4.1 (Web), 10.1.4.1 (Non-web document), 11.1.4.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Under high contrast, item and series colours set by the application are replaced by system colours with outlines. In the default light and dark themes, chart series, planner categories and grid formatting rules are distinguished by colour unless the developer adds markers, dash patterns, data labels or text; the same information is always exposed as text to assistive technology.
1.4.2 Audio Control Also applies to: EN 301 549 Criteria: 9.1.4.2 (Web), 10.1.4.2 (Non-web document), 11.1.4.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components play no audio.

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard Also applies to: EN 301 549 Criteria: 9.2.1.1 (Web), 10.2.1.1 (Non-web document), 11.2.1.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Every component is operable by keyboard, and keyboard alternatives exist for the pointer only operations of earlier versions: moving and resizing dashboard tiles, planner items and diagram shapes, moving Kanban cards, creating Gantt dependencies and diagram links, adding shapes from the palette, moving pivot fields and grid columns (verified by automated keyboard tests). Exceptions with no keyboard alternative: sgcGrid column width resizing, sgcCharts zoom and pan by mouse and the financial drawing tools, sgcDiagram connector bend points. Applications can offer these through the component API.
2.1.2 No Keyboard Trap Also applies to: EN 301 549 Criteria: 9.2.1.2 (Web), 10.2.1.2 (Non-web document), 11.2.1.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Tab and Shift+Tab move the focus out of every component, with one deliberate exception that has a documented exit: while an sgcDiagram view is editable, Tab and Shift+Tab cycle the selection and Ctrl+Tab and Ctrl+Shift+Tab move the focus to the next and the previous control (see the Diagram keyboard help topic). A read only diagram view does not capture Tab. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
2.1.4 Character Key Shortcuts Also applies to: EN 301 549 Criteria: 9.2.1.4 (Web), 10.2.1.4 (Non-web document), 11.2.1.4 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	No single character shortcut is active unless the component has the focus (for example the plus and minus keys in sgcMaps and sgcPivotGrid), which the criterion allows.
2.2.1 Timing Adjustable Also applies to: EN 301 549 Criteria: 9.2.2.1 (Web), 10.2.2.1 (Non-web document), 11.2.2.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components impose no time limits.
2.2.2 Pause, Stop, Hide Also applies to: EN 301 549 Criteria: 9.2.2.2 (Web), 10.2.2.2 (Non-web document), 11.2.2.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Built in animations (gauge value transitions, chart animations) are short transitions that end on their own. Content that updates automatically (live data in grids and charts) is driven by the application, which decides how to pause it; change highlighting in sgcGrid is configured by the application.
2.3.1 Three Flashes or Below Threshold Also applies to: EN 301 549 Criteria: 9.2.3.1 (Web), 10.2.3.1 (Non-web document), 11.2.3.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	The components do not flash by themselves. sgcGrid change highlighting runs once per data change; applications that update large areas more than three times per second should turn it off.
2.4.1 Bypass Blocks Also applies to: EN 301 549 Criteria: 9.2.4.1 (Web), 10.2.4.1 (Non-web document), 11.2.4.1 (Software, no requirement: void in EN 301 549), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	Applies to web pages. For non-web software it is not required by Section 508 (E207.2) and is void in EN 301 549 clause 11.
2.4.2 Page Titled Also applies to: EN 301 549 Criteria: 9.2.4.2 (Web), 10.2.4.2 (Non-web document), 11.2.4.2 (Software, no requirement: void in EN 301 549), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components do not create titled windows; window titles are set by the application.
2.4.3 Focus Order Also applies to: EN 301 549 Criteria: 9.2.4.3 (Web), 10.2.4.3 (Non-web document), 11.2.4.3 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Tab order follows the application. Inside a component the arrow keys move in reading order (visual order under right to left layouts), and focus never moves on its own. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
2.4.4 Link Purpose (In Context) Also applies to: EN 301 549 Criteria: 9.2.4.4 (Web), 10.2.4.4 (Non-web document), 11.2.4.4 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components render no links of their own; link text shown in cells is application data.

Criteria	Conformance Level	Remarks and Explanations
2.5.1 Pointer Gestures Also applies to: EN 301 549 Criteria: 9.2.5.1 (Web), 10.2.5.1 (Non-web document), 11.2.5.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Every function is available with single pointer actions or the keyboard; no multipoint or path based gesture is required.
2.5.2 Pointer Cancellation Also applies to: EN 301 549 Criteria: 9.2.5.2 (Web), 10.2.5.2 (Non-web document), 11.2.5.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Toolbar buttons and wizard steps act when the pointer is released over the same item, so moving away before release cancels the action. Pressing the pointer only selects or starts a drag, and a dashboard tile drag can be cancelled with Esc.
2.5.3 Label in Name Also applies to: EN 301 549 Criteria: 9.2.5.3 (Web), 10.2.5.3 (Non-web document), 11.2.5.3 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	The accessible name of every element is taken from its visible caption, title or header text. When the developer sets AccessibleName it should contain the visible label. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
2.5.4 Motion Actuation Also applies to: EN 301 549 Criteria: 9.2.5.4 (Web), 10.2.5.4 (Non-web document), 11.2.5.4 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	No function is operated by device motion.
3.1.1 Language of Page Also applies to: EN 301 549 Criteria: 9.3.1.1 (Web), 10.3.1.1 (Non-web document), 11.3.1.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The language of the user interface is set by the application and the operating system; the components expose no language of their own.
3.2.1 On Focus Also applies to: EN 301 549 Criteria: 9.3.2.1 (Web), 10.3.2.1 (Non-web document), 11.3.2.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Moving the focus to a component or an element never changes the context; Enter is needed to move into a dashboard tile or open an item.
3.2.2 On Input Also applies to: EN 301 549 Criteria: 9.3.2.2 (Web), 10.3.2.2 (Non-web document), 11.3.2.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Changing a value, a selection or a toggle does not change the context. Wizard steps change only on an explicit action.
3.3.1 Error Identification Also applies to: EN 301 549 Criteria: 9.3.3.1 (Web), 10.3.3.1 (Non-web document), 11.3.3.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components do not validate user input on their own; error detection and error messages are the application's responsibility.
3.3.2 Labels or Instructions Also applies to: EN 301 549 Criteria: 9.3.3.2 (Web), 10.3.3.2 (Non-web document), 11.3.3.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Every editor and component exposes a name (AccessibleName, caption, title or header). Labels and instructions for the application's forms are the developer's responsibility.
4.1.1 Parsing Also applies to: EN 301 549 Criteria: 9.4.1.1 (Web), 10.4.1.1 (Non-web document), 11.4.1.1 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components expose an object model through the platform accessibility API, not markup.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value Also applies to: EN 301 549 Criteria: 9.4.1.2 (Web), 10.4.1.2 (Non-web document), 11.4.1.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Every component and virtual element exposes name, role, value, states and the applicable patterns (Invoke, Toggle, ExpandCollapse, Selection, SelectionItem, Value, RangeValue) through Avalonia automation peers: a ControlAutomationPeer for each control and an AutomationPeer for each virtual element, bridged by Avalonia to Windows UI Automation, and raises focus, selection, property and structure change notifications. Patterns that Avalonia 12 lacks are listed under 1.3.1. Avalonia limit found with NVDA 2026.2: with the default (selective) UI Automation event registration of NVDA, state changes of items inside sgcUI controls are not announced, because the Avalonia window answers GetFocusedElement with the control and not with the item (still present in Avalonia 12.1.4). Workaround for users, no code change: in NVDA open Settings, Advanced, and set "Registration for UI Automation events and property changes" to Global; the changes are then announced. Narrator was not tested.

Table 2: Success Criteria, Level AA**Table 2: Success Criteria, Level AA**

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) Also applies to: EN 301 549 Criteria: 9.1.2.4 (Web), 10.1.2.4 (Non-web document), 11.1.2.4 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components play no audio or video.
1.2.5 Audio Description (Prerecorded) Also applies to: EN 301 549 Criteria: 9.1.2.5 (Web), 10.1.2.5 (Non-web document), 11.1.2.5 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components play no audio or video.
1.3.4 Orientation Also applies to: EN 301 549 Criteria: 9.1.3.4 (Web), 10.1.3.4 (Non-web document), 11.1.3.4 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	The components do not restrict the display orientation.
1.3.5 Identify Input Purpose Also applies to: EN 301 549 Criteria: 9.1.3.5 (Web), 10.1.3.5 (Non-web document), 11.1.3.5 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The platform accessibility API has no input purpose property, and the editors collect no user information by themselves.
1.4.3 Contrast (Minimum) Also applies to: EN 301 549 Criteria: 9.1.4.3 (Web), 10.1.4.3 (Non-web document), 11.1.4.3 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Measured theme colours: text on background 15.8:1 (light) and 14.5:1 (dark), muted text 5.3:1 (light) and 7.0:1 (dark), tile header text 14.8:1. Under high contrast all colours are system colours. Limitations: the light accent colour is 4.4:1 on white where a product uses it for text, and colours specific to each product (data labels on series colours, application colours) were not measured individually.
1.4.4 Resize Text Also applies to: EN 301 549 Criteria: 9.1.4.4 (Web), 10.1.4.4 (Non-web document), 11.1.4.4 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Text is drawn at the font size the application sets through each component's font properties and scales with the monitor DPI (automated DPI tests). Layout at large sizes depends on the space the application gives the component.
1.4.5 Images of Text Also applies to: EN 301 549 Criteria: 9.1.4.5 (Web), 10.1.4.5 (Non-web document), 11.1.4.5 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	The components draw text as text, never as images of text.

Criteria	Conformance Level	Remarks and Explanations
1.4.10 Reflow Also applies to: EN 301 549 Criteria: 9.1.4.10 (Web), 10.1.4.10 (Non-web document), 11.1.4.10 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Content that needs a two dimensional layout (grids, pivot tables, charts, diagrams, Gantt charts) scrolls in both directions, which the criterion allows; the toolbar moves items that do not fit to an overflow menu.
1.4.11 Non-text Contrast Also applies to: EN 301 549 Criteria: 9.1.4.11 (Web), 10.1.4.11 (Non-web document), 11.1.4.11 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	The focus ring has at least 3:1 against the adjacent background (automated test) and under high contrast it uses the system highlight colour. Limitations in the default themes: component borders are 1.5:1 (light) and grid lines 1.2:1 (light) and 1.3:1 (dark); in the light series palette four of eight colours are below 3:1 on white (2.2:1 to 2.8:1). The developer can choose colours, and the high contrast theme meets the criterion.
1.4.12 Text Spacing Also applies to: EN 301 549 Criteria: 9.1.4.12 (Web), 10.1.4.12 (Non-web document), 11.1.4.12 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The platforms offer the user no mechanism to override text spacing in desktop applications.
1.4.13 Content on Hover or Focus Also applies to: EN 301 549 Criteria: 9.1.4.13 (Web), 10.1.4.13 (Non-web document), 11.1.4.13 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Chart tooltips and crosshair labels follow the pointer or the focused point; they are not hoverable. The value they show is also exposed as the value of the focused point. Standard hints use the platform hint window.
2.4.5 Multiple Ways Also applies to: EN 301 549 Criteria: 9.2.4.5 (Web), 10.2.4.5 (Non-web document), 11.2.4.5 (Software, no requirement: void in EN 301 549), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	Applies to sets of web pages. Not required for non-web software by Section 508 (E207.2) and void in EN 301 549 clause 11.
2.4.6 Headings and Labels Also applies to: EN 301 549 Criteria: 9.2.4.6 (Web), 10.2.4.6 (Non-web document), 11.2.4.6 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Column headers, row headers, step captions, tile titles and group captions are exposed with header and group roles. Their text is provided by the application.
2.4.7 Focus Visible Also applies to: EN 301 549 Criteria: 9.2.4.7 (Web), 10.2.4.7 (Non-web document), 11.2.4.7 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Every interactive component draws a focus indicator on the focused element (cell, point, tile, item, shape, step, marker), also under high contrast (automated rendering tests). Gauges and the status bar draw it when the application makes them tab stops.
3.1.2 Language of Parts Also applies to: EN 301 549 Criteria: 9.3.1.2 (Web), 10.3.1.2 (Non-web document), 11.3.1.2 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components expose no language of their own; text language is the application's.
3.2.3 Consistent Navigation Also applies to: EN 301 549 Criteria: 9.3.2.3 (Web), 10.3.2.3 (Non-web document), 11.3.2.3 (Software, no requirement: void in EN 301 549), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	Applies to sets of web pages. Not required for non-web software by Section 508 (E207.2) and void in EN 301 549 clause 11.
3.2.4 Consistent Identification Also applies to: EN 301 549 Criteria: 9.3.2.4 (Web), 10.3.2.4 (Non-web document), 11.3.2.4 (Software, no requirement: void in EN 301 549), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	Applies to sets of web pages. Not required for non-web software by Section 508 (E207.2) and void in EN 301 549 clause 11.

Criteria	Conformance Level	Remarks and Explanations
3.3.3 Error Suggestion Also applies to: EN 301 549 Criteria: 9.3.3.3 (Web), 10.3.3.3 (Non-web document), 11.3.3.3 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	The components do not validate user input on their own; suggestions are the application's responsibility.
3.3.4 Error Prevention (Legal, Financial, Data) Also applies to: EN 301 549 Criteria: 9.3.3.4 (Web), 10.3.3.4 (Non-web document), 11.3.3.4 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Authoring Tool: Not Applicable	Legal, financial and data commitments are made by the application.
4.1.3 Status Messages Also applies to: EN 301 549 Criteria: 9.4.1.3 (Web), 10.4.1.3 (Non-web document), 11.4.1.3 (Open Functionality Software), 11.8.2 (Authoring Tool), 12.1.2 (Product Docs), 12.2.4 (Support Docs). Revised Section 508: 501 (Web)(Software), 504.2 (Authoring Tool), 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Status changes (search results in sgcGrid, wizard step changes, planner period changes, moved cards and tiles) are exposed without moving the focus, but status text is exposed as the help text of the root element with a LiveSetting, because Avalonia 12 offers no notification event; whether a screen reader announces them depends on the screen reader. Avalonia limit found with NVDA 2026.2: Avalonia has no UI Automation notification event (still true in Avalonia 12.1.4), so live notifications are not announced by Avalonia. Text exposed as help text of the focused element is announced only with NVDA registration set to Global (NVDA settings, Advanced, "Registration for UI Automation events and property changes"), and a few changes (for example the Scheduler page down change) are not announced even then. Narrator was not tested.

Table 3: Success Criteria, Level AAA

Notes: Not evaluated: the conformance target is WCAG 2.1 Level AA (EN 301 549 V3.2.1).

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Chapter 3: Functional Performance Criteria (FPC)

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	The components expose their content, structure and state through the platform accessibility API (see 4.1.2). Limitations: Avalonia grids lack table patterns (1.3.1); the pointer only operations listed under 2.1.1. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
302.2 With Limited Vision	Partially Supports	High contrast is followed (Windows high contrast (Avalonia PlatformSettings, ColorContrastPreference.High) is followed automatically while a control uses the default theme, and the utHighContrast theme forces it), text scales with the font and DPI, and every focused element shows a focus ring. Limitations of the default themes are listed under 1.4.3 and 1.4.11. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
302.3 Without Perception of Color	Partially Supports	Information is never conveyed by colour alone to assistive technology, and high contrast replaces application colours with outlines; in the default themes chart series and categories rely on colour unless the developer adds markers or labels (1.4.1).
302.4 Without Hearing	Not Applicable	The components produce no audio.
302.5 With Limited Hearing	Not Applicable	The components produce no audio.
302.6 Without Speech	Not Applicable	The components require no speech input.
302.7 With Limited Manipulation	Partially Supports	Every function except those listed under 2.1.1 can be operated by keyboard alone, no gesture or simultaneous pointer action is needed, and key combinations work with StickyKeys.
302.8 With Limited Reach and Strength	Supports	Software components operated by keyboard or pointer; no physical reach or strength is involved.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	One keyboard model across the suite (documented in the help), no time limits, no automatic context changes. The content shown is the application's.

Chapter 4: Hardware

Notes: Not applicable: the product is a set of software components.

Chapter 5: Software

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope, Incorporation of WCAG 2.0 AA	See WCAG 2.1 section	See the WCAG 2.1 tables, Software context.
502.2.1 User Control of Accessibility Features	Not Applicable	Applies to platform software. The components are not platform software.
502.2.2 No Disruption of Accessibility Features	Supports	The components do not disable or override platform accessibility features (high contrast, StickyKeys, Magnifier, Narrator) and follow high contrast.
502.3.1 Object Information	Supports	Name, role, states, bounds, help text and automation id of every component and virtual element are exposed through Avalonia automation peers: a <code>ControlAutomationPeer</code> for each control and an <code>AutomationPeer</code> for each virtual element, bridged by Avalonia to Windows UI Automation. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.2 Modification of Object Information	Partially Supports	States the user can change are settable through patterns: selection (<code>SelectedItem</code>), expansion (<code>ExpandCollapse</code>), checked state (<code>Toggle</code>) and focus. Avalonia limit found with NVDA 2026.2: with the default (selective) UI Automation event registration of NVDA, state changes of items inside sgcUI controls are not announced, because the Avalonia window answers <code>GetFocusedElement</code> with the control and not with the item (still present in Avalonia 12.1.4). Workaround for users, no code change: in NVDA open Settings, Advanced, and set "Registration for UI Automation events and property changes" to Global; the changes are then announced. Narrator was not tested.
502.3.3 Row, Column, and Headers	Partially Supports	Avalonia 12 has no Grid and Table patterns: <code>sgcGrid</code> and <code>sgcPivotGrid</code> put the column header and the row and column position into each cell name and help text instead. NVDA 2026.2 reads the column header and position that the cell names carry. Table semantics (Grid and Table patterns) remain a limit of Avalonia, also in 12.1.4. Narrator was not tested.
502.3.4 Values	Supports	Values are exposed with the <code>Value</code> and <code>RangeValue</code> patterns (editor values, cell text, gauge values, data point values, progress panels). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.5 Modification of Values	Supports	Editable values (editors, editable grid cells, sliders, spinners, ratings) can be set through the <code>Value</code> and <code>RangeValue</code> patterns when not read only. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.6 Label Relationships	Partially Supports	Names come from <code>AccessibleName</code> , captions, titles and headers, and grid cells are related to their headers (1.3.1). No <code>LabeledBy</code> relationship to a separate label control is exposed; the developer sets <code>AccessibleName</code> instead. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.7 Hierarchical Relationships	Supports	Parent and child relationships are exposed through the element tree (rows and cells, series and points, groups and items, tiles and hosted controls). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.8 Text	Partially Supports	Text is exposed as names and values. The UIA Text pattern (text attributes, caret and selection inside editors and diagram labels) is not implemented. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.9 Modification of Text	Supports	Editable text can be set through the <code>Value</code> pattern. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.10 List of Actions	Partially Supports	Available actions are advertised as patterns (<code>Invoke</code> , <code>Toggle</code> , <code>ExpandCollapse</code> , <code>SelectedItem</code> , <code>ScrollItem</code> where the platform has it). Avalonia limit found with NVDA 2026.2: with the default (selective) UI Automation event registration of NVDA, state changes of items inside sgcUI controls are not announced, because the Avalonia window answers <code>GetFocusedElement</code> with the control and not with the item (still present in Avalonia 12.1.4). Workaround for users, no code change: in NVDA open Settings, Advanced, and set "Registration for UI Automation events and property changes" to Global; the changes are then announced. Narrator was not tested.

Criteria	Conformance Level	Remarks and Explanations
502.3.11 Actions on Objects	Supports	Every advertised pattern executes the same action as the pointer or keyboard (verified by automated tests). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.12 Focus Cursor	Supports	The focused element is exposed (HasKeyboardFocus, focus changed events, bounds) and a focus ring is drawn on it. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.13 Modification of Focus Cursor	Supports	SetFocus moves the focus to focusable elements (cells, points, tiles, items, shapes, steps, markers); the focus ring follows. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
502.3.14 Event Notification	Partially Supports	Focus, selection, property, structure and status changes are raised through the platform API (status text is exposed as the help text of the root element with a LiveSetting, because Avalonia 12 offers no notification event), and nothing is computed while no client listens. Avalonia limit found with NVDA 2026.2: Avalonia has no UI Automation notification event (still true in Avalonia 12.1.4), so live notifications are not announced by Avalonia. Text exposed as help text of the focused element is announced only with NVDA registration set to Global (NVDA settings, Advanced, "Registration for UI Automation events and property changes"), and a few changes (for example the Scheduler page down change) are not announced even then. Narrator was not tested.
502.4 Platform Accessibility Features	Supports	The components take keyboard input through the platform, so StickyKeys, FilterKeys, ToggleKeys and key repeat work unchanged.
503.2 User Preferences	Partially Supports	Windows high contrast (Avalonia PlatformSettings, ColorContrastPreference.High) is followed automatically while a control uses the default theme, and the utHighContrast theme forces it, and sizes follow the monitor DPI. Fonts are application properties, so the system text size setting is applied only when the application maps it to the component fonts.
503.3 Alternative User Interfaces	Not Applicable	The components provide no alternative user interface.
503.4.1 Caption Controls	Not Applicable	The components play no video.
503.4.2 Audio Description Controls	Not Applicable	The components play no video.
504.2 Content Creation or Editing	Not Applicable	The components are not authoring tools.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	The components are not authoring tools (see EN 301 549 5.4 for export).
504.2.2 PDF Export	Not Applicable	The components are not authoring tools. Their print export produces tagged PDF (see EN 301 549 5.4).
504.3 Prompts	Not Applicable	The components are not authoring tools.
504.4 Templates	Not Applicable	The components are not authoring tools.

Chapter 6: Support Documentation and Services

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell, no response required	
602.2 Accessibility and Compatibility Features	Supports	The sgcUI help has an Accessibility chapter (Accessibility, Screen Readers, High Contrast, Keyboard) and a keyboard topic for every product, in 12 languages.
602.3 Electronic Support Documentation	Partially Supports	The help is published as HTML pages, CHM and PDF with headings and text alternatives. It has not been audited against WCAG 2.1 AA for this report.
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	All documentation is electronic.
603.2 Information on Accessibility and Compatibility Features	Supports	The support team answers accessibility questions through the helpdesk and info@esegece.com.
603.3 Accommodation of Communication Needs	Supports	Support is given in writing (helpdesk and email).

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Chapter 4: Functional Performance Statements (FPS)

Chapter 4: Functional Performance Statements (FPS)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Partially Supports	The components expose their content, structure and state through the platform accessibility API (see 4.1.2). Limitations: Avalonia grids lack table patterns (1.3.1); the pointer only operations listed under 2.1.1. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
4.2.2 Usage with limited vision	Partially Supports	High contrast is followed (Windows high contrast (Avalonia PlatformSettings, ColorContrastPreference.High) is followed automatically while a control uses the default theme, and the utHighContrast theme forces it), text scales with the font and DPI, and every focused element shows a focus ring. Limitations of the default themes are listed under 1.4.3 and 1.4.11. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
4.2.3 Usage without perception of colour	Partially Supports	Information is never conveyed by colour alone to assistive technology, and high contrast replaces application colours with outlines; in the default themes chart series and categories rely on colour unless the developer adds markers or labels (1.4.1).
4.2.4 Usage without hearing	Not Applicable	The components produce no audio.
4.2.5 Usage with limited hearing	Not Applicable	The components produce no audio.
4.2.6 Usage with no or limited vocal capability	Not Applicable	The components require no speech input.
4.2.7 Usage with limited manipulation or strength	Partially Supports	Every function except those listed under 2.1.1 can be operated by keyboard alone, no gesture or simultaneous pointer action is needed, and key combinations work with StickyKeys.
4.2.8 Usage with limited reach	Supports	Software components operated by keyboard or pointer; no physical reach or strength is involved.
4.2.9 Minimize photosensitive seizure triggers	Supports	The components do not flash by themselves (2.3.1).
4.2.10 Usage with limited cognition, language or learning	Supports	One keyboard model across the suite (documented in the help), no time limits, no automatic context changes. The content shown is the application's.
4.2.11 Privacy	Not Applicable	The components add no accessibility feature that handles private data; what is displayed is decided by the application.

Chapter 5: Generic Requirements

Chapter 5: Generic Requirements

Criteria	Conformance Level	Remarks and Explanations
5.1.2.1 Closed functionality	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.2.2 Assistive technology	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.1 General (non-visual access)	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.2 Auditory output delivery including speech	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.3 Auditory output correlation	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.4 Speech output user control	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.5 Speech output automatic interruption	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.6 Speech output for non-text content	Not Applicable	The components have open functionality: they work with assistive technology.

Criteria	Conformance Level	Remarks and Explanations
5.1.3.7 Speech output for video information	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.8 Masked entry	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.9 Private access to personal data	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.10 Non-interfering audio output	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.11 Private listening volume	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.12 Speaker volume	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.13 Volume reset	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.14 Spoken languages	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.15 Non-visual error identification	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.3.16 Receipts, tickets, and transactional outputs	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.4 Functionality closed to text enlargement	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.5 Visual output for auditory information	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.6.1 Closed functionality (operation without keyboard interface)	Not Applicable	The components have open functionality: they work with assistive technology.
5.1.6.2 Input focus	Not Applicable	The components have open functionality: they work with assistive technology.
5.2 Activation of accessibility features	Supports	The accessibility layer is on by default in every edition; one global switch can turn it off.
5.3 Biometrics	Not Applicable	The components use no biometrics.
5.4 Preservation of accessibility information during conversion	Partially Supports	The print and PDF export of the figure products produces tagged PDF whose alternative text comes from the same generator as the default accessible description. An AccessibleDescription set by the application is not used by the export.
5.5.1 Means of operation	Not Applicable	Applies to hardware operable parts.
5.5.2 Operable parts discernibility	Not Applicable	Applies to hardware operable parts.
5.6.1 Tactile or auditory status	Not Applicable	Applies to hardware locking or toggle controls.
5.6.2 Visual status	Supports	Toggle buttons of sgcToolbar show their state visually and expose it with the Toggle pattern.
5.7 Key repeat	Not Applicable	Key repeat is provided by the platform; the components add none.
5.8 Double-strike key acceptance	Not Applicable	Keyboard input is handled by the platform (FilterKeys).
5.9 Simultaneous user actions	Supports	No function needs simultaneous pointer actions; key combinations work with StickyKeys.

Chapter 6: ICT with Two-Way Voice Communication

Chapter 6: ICT with Two-Way Voice Communication

Criteria	Conformance Level	Remarks and Explanations
6.1 Audio bandwidth for speech	Not Applicable	The components provide no two way voice communication.
6.2.1.1 RTT communication	Not Applicable	The components provide no two way voice communication.
6.2.1.2 Concurrent voice and text	Not Applicable	The components provide no two way voice communication.

Criteria	Conformance Level	Remarks and Explanations
6.2.2.1 Visually distinguishable display	Not Applicable	The components provide no two way voice communication.
6.2.2.2 Programmatically determinable send and receive direction	Not Applicable	The components provide no two way voice communication.
6.2.3 Interoperability	Not Applicable	The components provide no two way voice communication.
6.2.4 RTT responsiveness	Not Applicable	The components provide no two way voice communication.
6.3 Caller ID	Not Applicable	The components provide no two way voice communication.
6.4 Alternatives to voice-based services	Not Applicable	The components provide no two way voice communication.
6.5.2 Resolution	Not Applicable	The components provide no two way voice communication.
6.5.3 Frame rate	Not Applicable	The components provide no two way voice communication.
6.5.4 Synchronization between audio and video	Not Applicable	The components provide no two way voice communication.
6.5.5 Visual indicator of audio with video	Not Applicable	The components provide no two way voice communication.
6.5.6 Speaker identification with video (sign language) communication	Not Applicable	The components provide no two way voice communication.
6.6 Alternatives to video-based services	Not Applicable	The components provide no two way voice communication.

Chapter 7: ICT with Video Capabilities

Chapter 7: ICT with Video Capabilities

Criteria	Conformance Level	Remarks and Explanations
7.1.1 Captioning playback	Not Applicable	The components play no video.
7.1.2 Captioning synchronization	Not Applicable	The components play no video.
7.1.3 Preservation of captioning	Not Applicable	The components play no video.
7.1.4 Captions characteristics	Not Applicable	The components play no video.
7.1.5 Spoken subtitles	Not Applicable	The components play no video.
7.2.1 Audio description playback	Not Applicable	The components play no video.
7.2.2 Audio description synchronization	Not Applicable	The components play no video.
7.2.3 Preservation of audio description	Not Applicable	The components play no video.
7.3 User controls for captions and audio description	Not Applicable	The components play no video.

Chapter 8: Hardware

Notes: Not applicable: the product is a set of software components.

Chapter 9: Web

Notes: The components are not web content. The WCAG 2.1 criteria are applied to them as software (clause 11), see the WCAG 2.1 section.

Chapter 10: Non-Web Documents

Notes: The components are not documents. Their documentation is covered in chapter 12.

Chapter 11: Software

Chapter 11: Software

Criteria	Conformance Level	Remarks and Explanations
11.0 General (informative)	Heading cell, no response required	
11.1.1.1 to 11.4.1.3 WCAG based software requirements	See WCAG 2.1 section	See the WCAG 2.1 tables, Software context.
11.5.1 Closed functionality	Not Applicable	The components have open functionality.
11.5.2.1 Platform accessibility service support for software that provides a user interface	Not Applicable	Applies to platform software.
11.5.2.2 Platform accessibility service support for assistive technologies	Not Applicable	Applies to platform software.
11.5.2.3 Use of accessibility services	Supports	The components use the documented platform accessibility services: Avalonia automation peers: a ControlAutomationPeer for each control and an AutomationPeer for each virtual element, bridged by Avalonia to Windows UI Automation. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.4 Assistive technology	Not Applicable	The components are not assistive technology.
11.5.2.5 Object information	Supports	Name, role, states, bounds, help text and automation id of every component and virtual element are exposed through Avalonia automation peers: a ControlAutomationPeer for each control and an AutomationPeer for each virtual element, bridged by Avalonia to Windows UI Automation. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.6 Row, column, and headers	Partially Supports	Avalonia 12 has no Grid and Table patterns: sgcGrid and sgcPivotGrid put the column header and the row and column position into each cell name and help text instead. NVDA 2026.2 reads the column header and position that the cell names carry. Table semantics (Grid and Table patterns) remain a limit of Avalonia, also in 12.1.4. Narrator was not tested.
11.5.2.7 Values	Supports	Values are exposed with the Value and RangeValue patterns (editor values, cell text, gauge values, data point values, progress panels). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.8 Label relationships	Partially Supports	Names come from AccessibleName, captions, titles and headers, and grid cells are related to their headers (1.3.1). No LabeledBy relationship to a separate label control is exposed; the developer sets AccessibleName instead. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.9 Parent-child relationships	Supports	Parent and child relationships are exposed through the element tree (rows and cells, series and points, groups and items, tiles and hosted controls). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.10 Text	Partially Supports	Text is exposed as names and values. The UIA Text pattern (text attributes, caret and selection inside editors and diagram labels) is not implemented. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.11 List of available actions	Supports	Available actions are advertised as patterns (Invoke, Toggle, ExpandCollapse, SelectionItem, ScrollItem where the platform has it). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.12 Execution of available actions	Supports	Every advertised pattern executes the same action as the pointer or keyboard (verified by automated tests). Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.13 Tracking of focus and selection attributes	Supports	The focused element is exposed (HasKeyboardFocus, focus changed events, bounds) and a focus ring is drawn on it. Verified with NVDA 2026.2 on Windows. Narrator was not tested.
11.5.2.14 Modification of focus and selection attributes	Supports	SetFocus moves the focus to focusable elements (cells, points, tiles, items, shapes, steps, markers); the focus ring follows. Verified with NVDA 2026.2 on Windows. Narrator was not tested.

Criteria	Conformance Level	Remarks and Explanations
11.5.2.15 Change notification	Partially Supports	Focus, selection, property, structure and status changes are raised through the platform API (status text is exposed as the help text of the root element with a LiveSetting, because Avalonia 12 offers no notification event), and nothing is computed while no client listens. Avalonia limit found with NVDA 2026.2: Avalonia has no UI Automation notification event (still true in Avalonia 12.1.4), so live notifications are not announced by Avalonia. Text exposed as help text of the focused element is announced only with NVDA registration set to Global (NVDA settings, Advanced, "Registration for UI Automation events and property changes"), and a few changes (for example the Scheduler page down change) are not announced even then. Narrator was not tested.
11.5.2.16 Modifications of states and properties	Partially Supports	States the user can change are settable through patterns: selection (SelectedItem), expansion (ExpandCollapse), checked state (Toggle) and focus. Avalonia limit found with NVDA 2026.2: with the default (selective) UI Automation event registration of NVDA, state changes of items inside sgcUI controls are not announced, because the Avalonia window answers GetFocusedElement with the control and not with the item (still present in Avalonia 12.1.4). Workaround for users, no code change: in NVDA open Settings, Advanced, and set "Registration for UI Automation events and property changes" to Global; the changes are then announced. Narrator was not tested.
11.5.2.17 Modifications of values and text	Partially Supports	Editable values (editors, editable grid cells, sliders, spinners, ratings) can be set through the Value and RangeValue patterns when not read only. Avalonia limit found with NVDA 2026.2: with the default (selective) UI Automation event registration of NVDA, state changes of items inside sgcUI controls are not announced, because the Avalonia window answers GetFocusedElement with the control and not with the item (still present in Avalonia 12.1.4). Workaround for users, no code change: in NVDA open Settings, Advanced, and set "Registration for UI Automation events and property changes" to Global; the changes are then announced. Narrator was not tested.
11.6.1 User control of accessibility features	Not Applicable	Applies to platform software.
11.6.2 No disruption of accessibility features	Supports	The components do not disable or override platform accessibility features and follow high contrast.
11.6.3 Void	Not Applicable	Void clause.
11.6.4 Void	Not Applicable	Void clause.
11.6.5 Void	Not Applicable	Void clause.
11.7 User preferences	Partially Supports	Windows high contrast (Avalonia PlatformSettings, ColorContrastPreference.High) is followed automatically while a control uses the default theme, and the utHighContrast theme forces it, and sizes follow the monitor DPI. Fonts are application properties, so the system text size setting is applied only when the application maps it to the component fonts.
11.8.1 Content technology	Not Applicable	The components are not authoring tools.
11.8.2 Accessible content creation	Not Applicable	The components are not authoring tools.
11.8.3 Preservation of accessibility information in transformations	Not Applicable	The components are not authoring tools (see 5.4 for export).
11.8.4 Repair assistance	Not Applicable	The components are not authoring tools.
11.8.5 Templates	Not Applicable	The components are not authoring tools.

Chapter 12: Documentation and Support Services

Chapter 12: Documentation and Support Services

Criteria	Conformance Level	Remarks and Explanations
12.1.1 Accessibility and compatibility features	Supports	The sgcUI help has an Accessibility chapter (Accessibility, Screen Readers, High Contrast, Keyboard) and a keyboard topic for every product, in 12 languages.
12.1.2 Accessible documentation	Partially Supports	The help is published as HTML pages, CHM and PDF with headings and text alternatives. It has not been audited against WCAG 2.1 AA for this report.

Criteria	Conformance Level	Remarks and Explanations
12.2.2 Information on accessibility and compatibility features	Supports	The support team answers accessibility questions through the helpdesk and info@esegece.com.
12.2.3 Effective communication	Supports	Support is given in writing (helpdesk and email).
12.2.4 Accessible documentation	Partially Supports	The help is published as HTML pages, CHM and PDF with headings and text alternatives. It has not been audited against WCAG 2.1 AA for this report.

Chapter 13: ICT Providing Relay or Emergency Service Access

Chapter 13: ICT Providing Relay or Emergency Service Access

Criteria	Conformance Level	Remarks and Explanations
13.1.2 Text relay services	Not Applicable	The components provide no relay or emergency service access.
13.1.3 Sign relay services	Not Applicable	The components provide no relay or emergency service access.
13.1.4 Lip-reading relay services	Not Applicable	The components provide no relay or emergency service access.
13.1.5 Captioned telephony services	Not Applicable	The components provide no relay or emergency service access.
13.1.6 Speech to speech relay services	Not Applicable	The components provide no relay or emergency service access.
13.2 Access to relay services	Not Applicable	The components provide no relay or emergency service access.
13.3 Access to emergency services	Not Applicable	The components provide no relay or emergency service access.

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