

Accessibility Check Titanium Telemetry

Scope of the Check

This check as well as all tests at Deutsche Telekom are based on the success criteria of [WCAG 2.2](#) in levels A and AA. This also complies with most national and international laws.

The focus of this check is on selected aspects, that were agreed in dialogue with the representative body for severely disabled employees for the acceptance of the current release of the software. The following are the WCAG's key success criteria for these aspects. In general, all level A and AA criteria of WCAG 2.0 must be complied with.

- Keyboard operation
 - [Success Criterion 2.1.1 Keyboard](#)
 - [Success Criterion 2.1.2 No Keyboard Trap](#)
 - [Success Criterion 2.4.1 Bypass Blocks](#) (includes navigation menu, footer, header)
 - [Success Criterion 2.4.3 Focus Order](#) (includes to avoid too many TAB steps)
 - [Success Criterion 2.4.7 Focus Visible](#) & [Success Criterion 2.4.13 Focus Appearance](#) (That's AAA, but it describes the visibility requirements well.)
 - [Success Criterion 1.4.13 Content on Hover or Focus](#) (includes tooltips)
- Color contrasts
 - [Success Criterion 1.4.3 Contrast \(Minimum\)](#)
 - [Success Criterion 1.4.11 Non-text Contrast](#)
- Browser zoom
 - [Success Criterion 1.4.4 Resize text](#)

Blind users are not the focus of this check. If accessibility for blind people does not seem possible or reasonable, it should be clarified in advance with the works council for severely disabled persons whether this aspect can be excluded.

Deaf users are in focus of Deutsche Telekom, but the test is only relevant in the context of internal use if, for example, the help contains video/audio content. Therefore, this aspect is not considered in this check.

Further information on all Success Criteria is available from WCAG:

Success Criterion 2.1.1 Keyboard §

(Level A)

[Understanding Keyboard](#)
[How to Meet Keyboard](#)

All [functionality](#) of the content is operable through a [keyboard interface](#) without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints.

[All WCAG 2.1 Understanding Docs](#)

There is a full set of test cases for EN 301 549. In chapter 9 WCAG test cases are provided. As the test was set up for German law „BITV“ the [BITV-Test](#) provides by DIAS GmbH only offers a German [set of test cases](#). The BITV test is not official, each test laboratory can develop its own test cases.

Information on the application / Software

Product / Module: Titanium Telemetry

Vendor / Manufacturer: TITANIUM

ICTO-Number: 23031

Version: 23.09.0

Information about test environment

Date: 27.12.2023, 10.01.2024

Tester: Christof Simon

Access: <https://oamui.ref.ingress.nwi.in.pan-net.eu>

References: (Test document, action plan, VPAT, ...) –

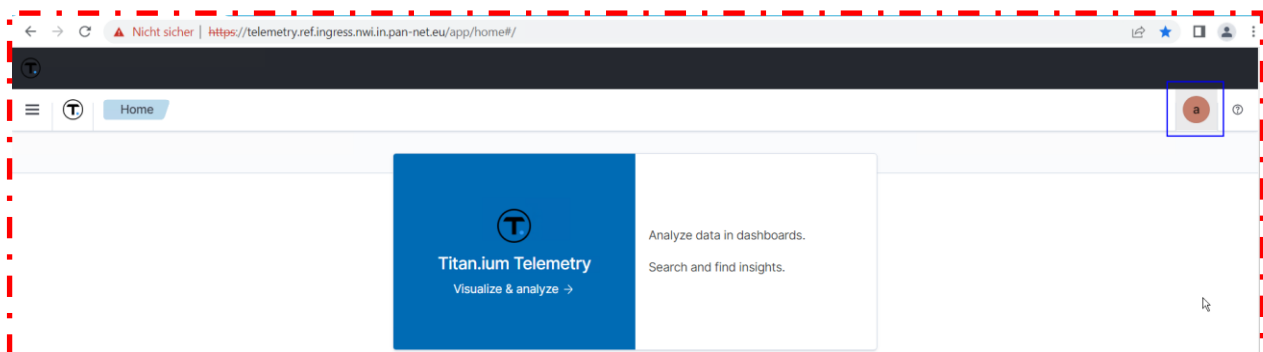
Browser: Chrome Version 109.0.5414.120

Results

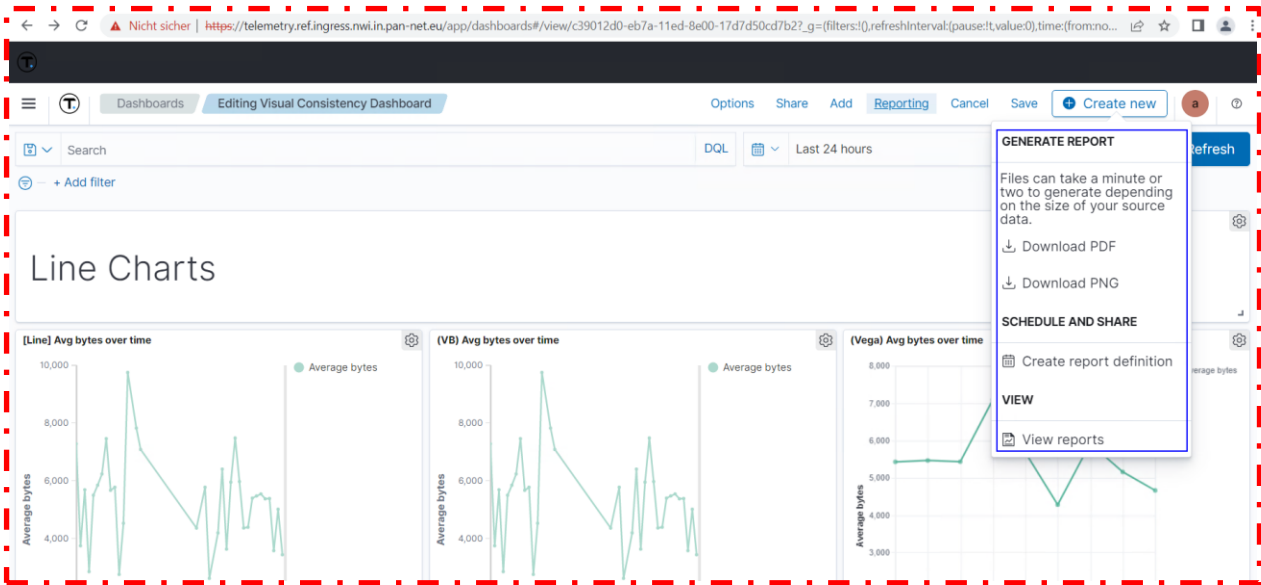
Keyboard operation

[1] Application is not completely accessible via keyboard

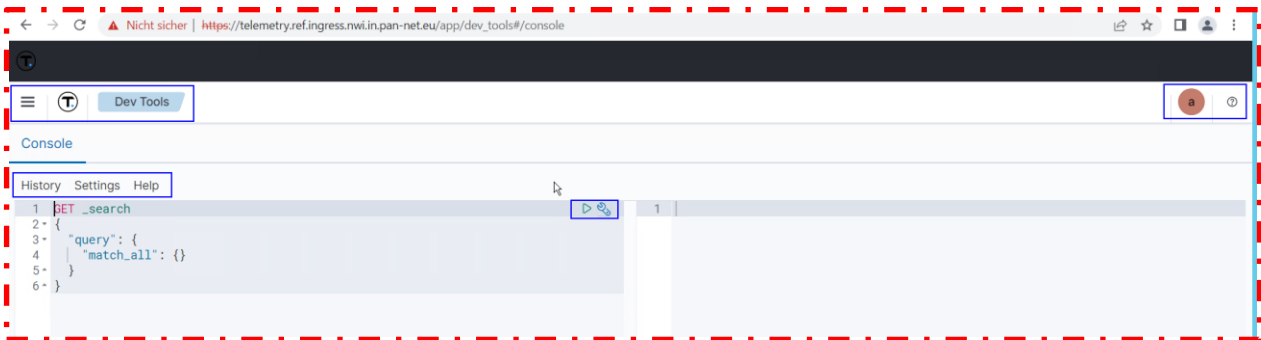
The blue framed control is not accessible via keyboard.



The blue framed area is not accessible via keyboard.

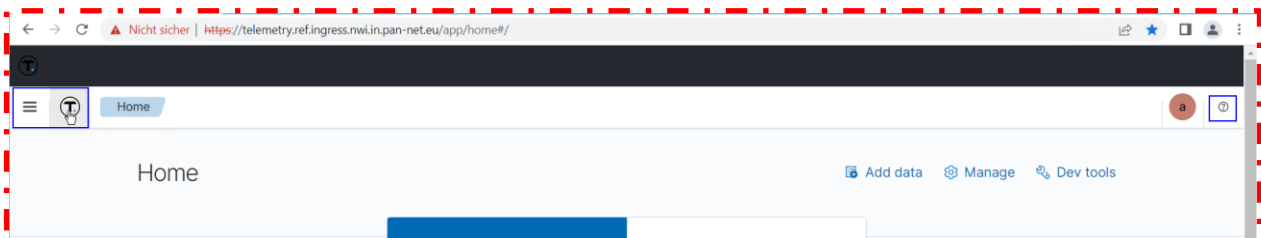


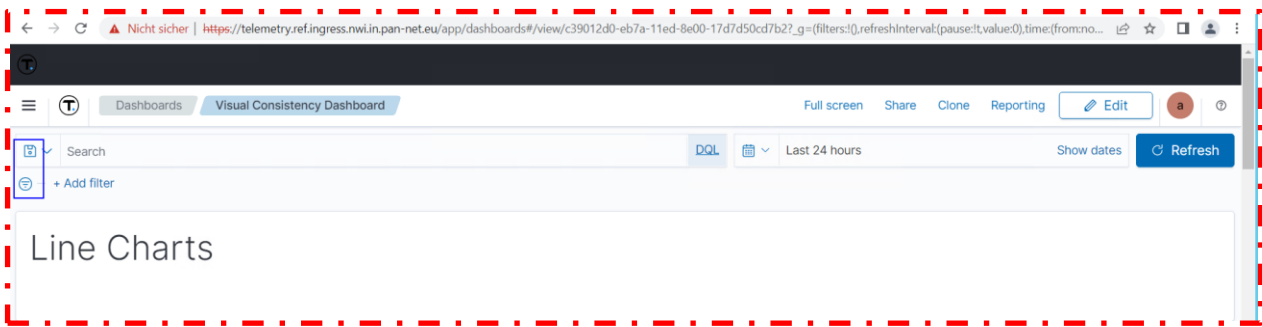
After opening "Dev tools" the keyboard focus is inside the editor and cannot be moved outside the editor without the mouse. All blue framed controls are not accessible.



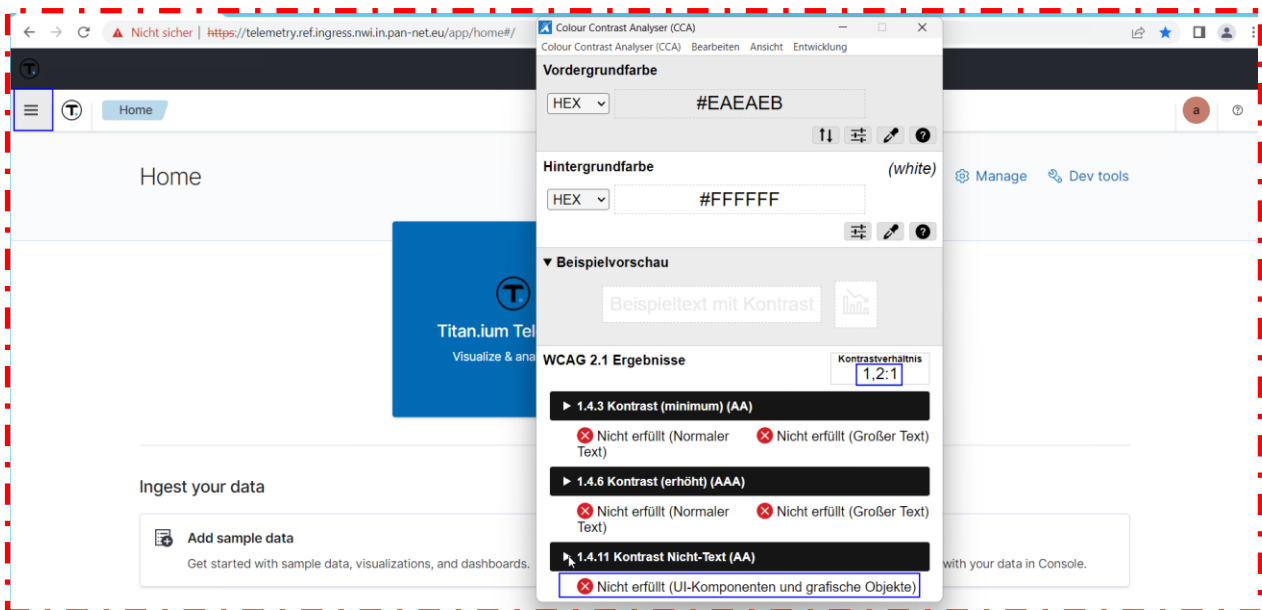
[2] Graphical control element without tooltip

The controls framed blue do not provide tooltips when they receive the keyboard focus. They do this only when hovering with the mouse.





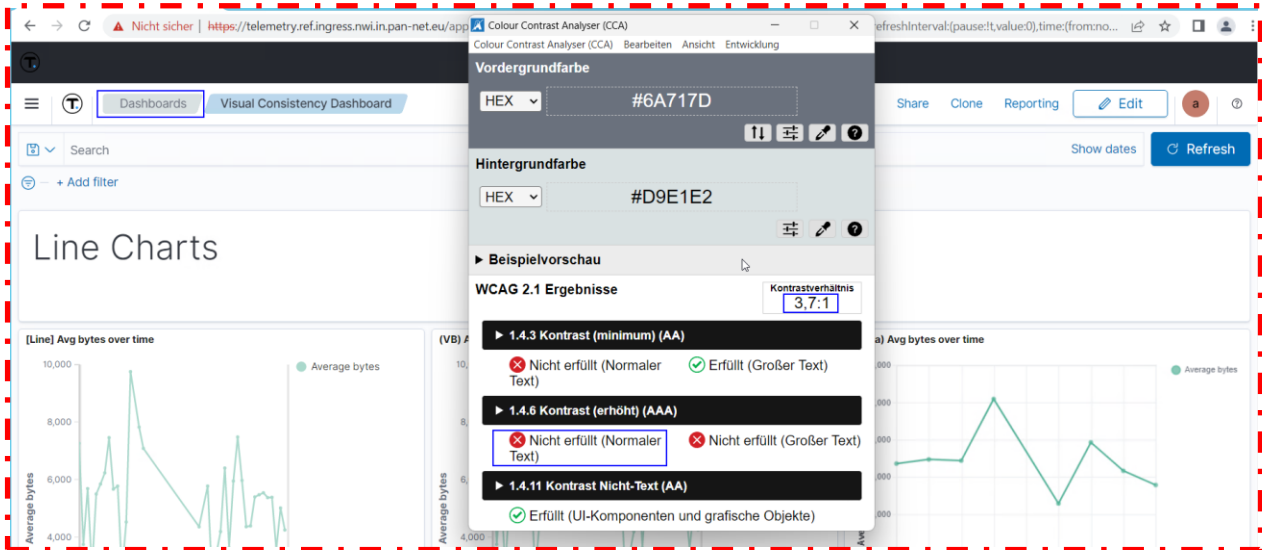
[3] The keyboard focus indicator is not clearly visible
When the burger menu receives keyboard focus, the background color changes from white to light gray.
The color contrast is not enough to clearly identify the focus.



Color contrasts

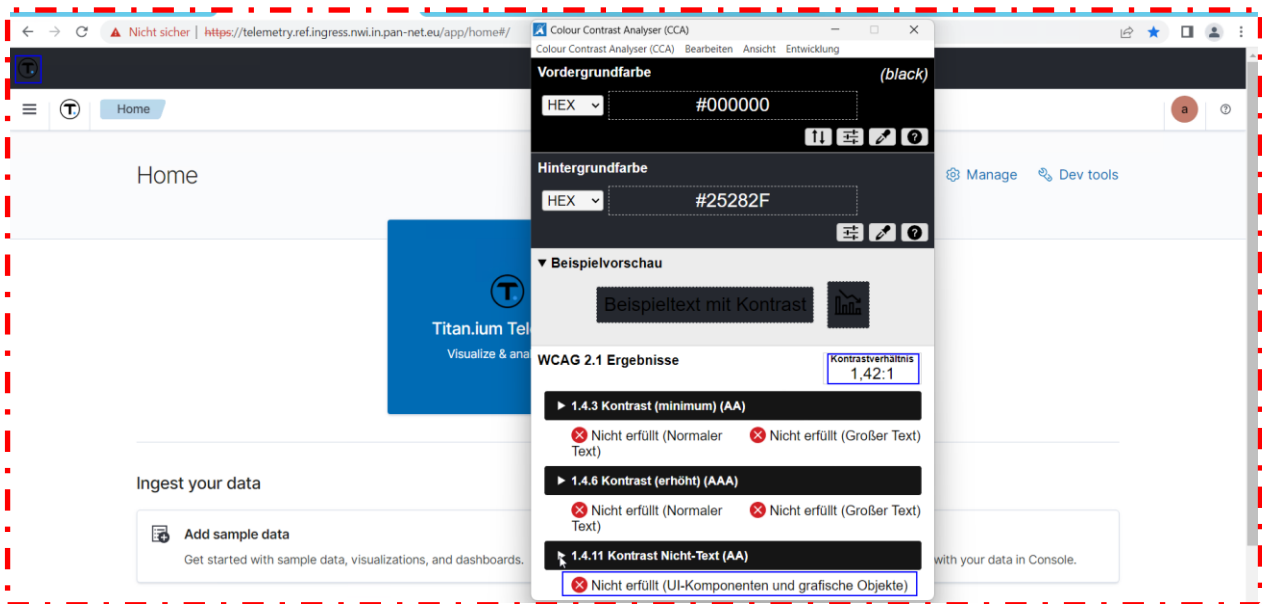
[4] Color contrast of text is not sufficient

The color contrast of the text on the Dashboards-Button is too low. It should be at least 4,5:1.



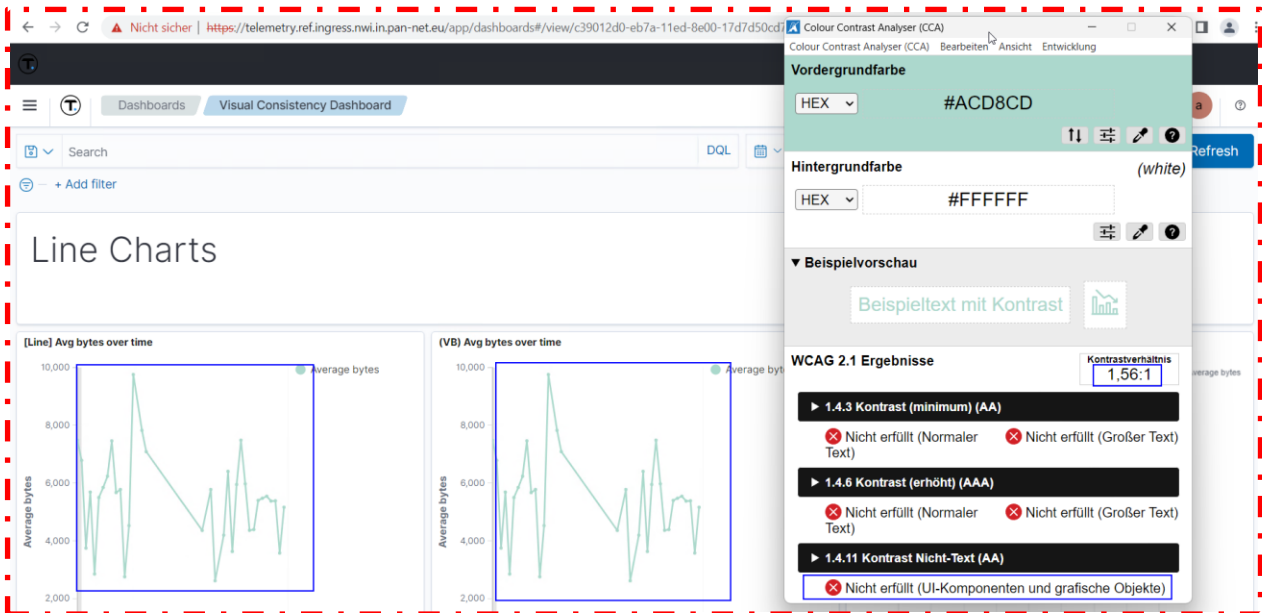
[5] Color contrast of graphic control elements is not sufficient

The color contrast of the black Titanium-Icon on the dark-grey background is too low. It should be at least 3:1.



[6] Color contrast of graphical objects is not sufficient

The color contrast of (several) lines in charts on the white background is too low. It should be at least 3:1.



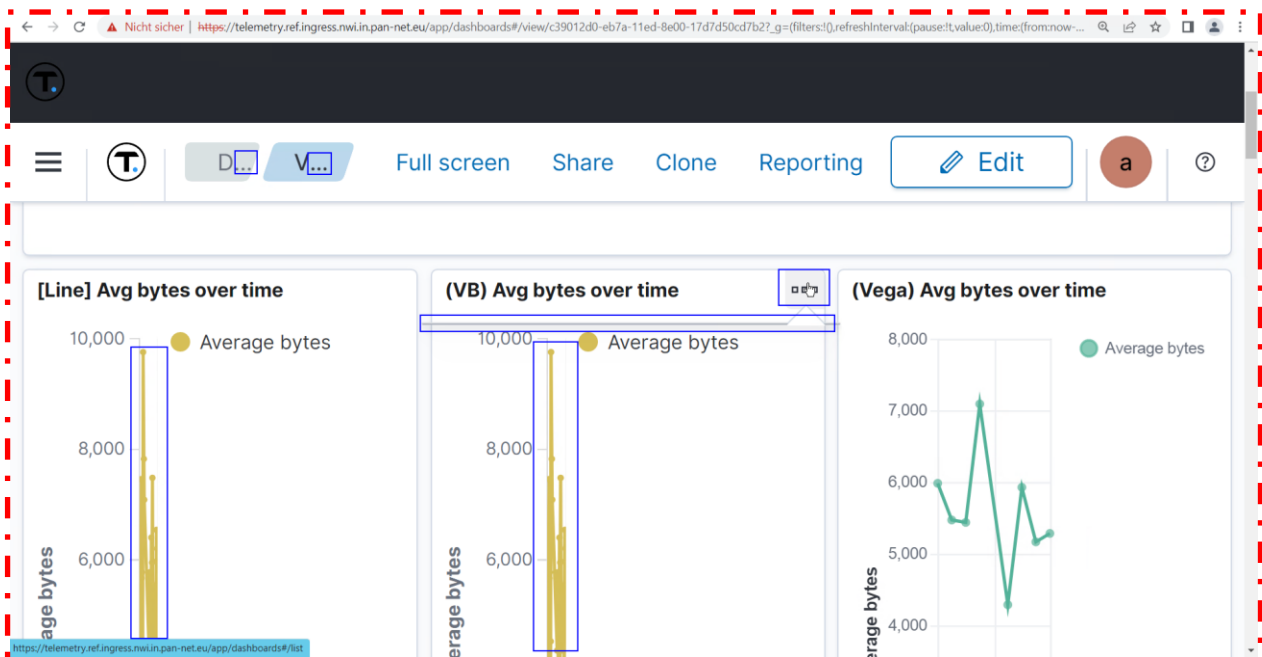
Browser zoom

[7] Content is cut off when website is enlarged to 200%

The text of two Buttons in the menu bar is cut off and can not be displayed via keyboard.

Because the diagram tiles do not wrap, the graphical content is compressed into a narrow strip.

The menu to maximize the chart cannot be opened. It only appears as a narrow horizontal stripe.



The text of the axis label is cut off.



The text of the dropdown-controls and the right part of the table below is cut off.

The screenshot shows a web application interface for 'Security Roles'. The breadcrumb navigation is 'Security > Roles'. A search bar is present. Below it are several truncated dropdown menus: 'Cluste...', 'Index...', 'Int...', 'Ba...', 'I...', and 'Cu...'. A table lists roles with columns: 'Role', 'Cluster permissions', 'Index permissions', 'Internal users', and 'Backend roles'. The table content is partially visible, showing a role named 'manage_snapshots' with a '*' in the 'Index permissions' column. The right side of the table is cut off.

<input type="checkbox"/>	Role	Cluster permissions	Index permissions	Internal users	Backend roles
<input type="checkbox"/>	manage_snapshots		*	—	—