

TELUS Component Library

ToggleSwitch

Multi-Platform Component | [Figma UI KIT](#)

Enable data 

```
<ToggleSwitch label="Enable data" tooltip="Toggle this on to enable data" />
```

Introduction

Use ToggleSwitch to control a boolean state.

[Follow the appropriate instructions](#) to add this component in to your app.

Guidance

- Use `ToggleSwitch` where a user can alternate between easy-to-understand "on" and "off" states.
- Use `ToggleSwitchGroup` if you need to combine several switches and / or implement a radio group-like behavior.

Uncontrolled usage with `initialValue` prop

By default, ToggleSwitch controls its own state. Its default state may be set using `initialValue` prop, and `onChange` may also be passed to trigger an action when the value changes.

Enable data 

```
<ToggleSwitch  
  label="Enable data"  
  initialValue={true}  
  onChange={(newValue) => alert(`New value is "${newValue}"`)}  
>
```

```
/>
```

Controlled usage with `value` prop

Pass a boolean `true` or `false` to the `value` prop and pass a state-setting function to the `onChange` prop to control the ToggleSwitch from a parent.

This makes the ToggleSwitch not manage its own state and instead trust the parent component to manage it. If a ToggleSwitch uses this pattern, it must always receive a `value` prop of `true` or `false` (never `undefined`), and its `initialValue` prop should not be used.

Toggle switch is off.

Enable data



```
function ControlledToggleSwitch() {  
  const [value, setValue] = useState(false)  
  return (  
    <StackView space={3}>  
      <Typography>Toggle switch is {value ? 'on' : 'off'}.  
    </Typography>  
    <ToggleSwitch label="Enable data" value={value} onChange=  
      {setValue} />  
    </StackView>  
  )  
}
```

Accessibility

If a `ToggleSwitch`'s effect is understood through context in the surrounding text, pass the `accessibilityLabel` prop so that users of accessibility tools such as screen readers know exactly what the ToggleSwitch will do at the time they will use it.

Marketing preferences

Choose whether to receive marketing emails, such as special offers.

These will be tailored to your interests and direct from Telus, not from third parties.

Enable data 

```
<StackView space={3}>
  <Typography variant={{ size: 'h3' }}>Marketing
preferences</Typography>
  <Typography>Choose whether to receive marketing emails, such
as special offers.</Typography>
  <Typography>
    These will be tailored to your interests and direct from
    Telus, not from third parties.
  </Typography>
  <ToggleSwitch label="Enable data" accessibilityLabel="Receive
marketing emails from Telus" />
</StackView>
```

When used as a standalone input, ToggleSwitch has the `switch` role and declares its on/off state as `selected`. If a group of ToggleSwitches are used like radio buttons where only one may be selected at a time, setting the `radio` role via `accessibilityRole` may be more appropriate.

Platform considerations

The component is available on both native platforms and web.

Props

Name	Type	Platform	Default	Description
copy	'en' 'fr'	standard		Whether the English or French copy will be used (e.g. for accessibility labels).
tokens	tokens	standard		System tokens prop, see tokens for more

Name	Type	Platform	Default	Description
				details
variant	variant	standard		System variant prop, see variants for more details
value	bool	standard		If this is a "controlled" component and a parent handles its selected state, tells the switch if it is on (true) or off (false).
initialValue	bool	standard		If this is an "uncontrolled" component that handles its own selected state, optionally tells the switch if it should default to on (true) or off (false).
onChange	func	standard		Function called when the switch is toggled, with one boolean argument that is the new position of the switch, on (true) or off (false). For "controlled" components, this should always be passed and used to control the state of the switch.
id	string	standard		Input ID.

Name label	Type string	Platform standard	Default	Description An optional label.
inactive	bool	standard		If passed, the switch does not respond to user input and may receive different theme tokens if the theme supports inactive appearance.
tooltip	string	standard		Content of an optional Tooltip. If set, a tooltip button will be shown next to the label.

Tokens

In exceptional circumstances, the following tokens can be passed to this component to override its default styles. **Do not do this unless absolutely necessary.** [Read more about overriding styles.](#)

► View Tokens

Variants

This component does not have any stylistic variants.

It does have an `inactive` appearance state. Use this only when absolutely necessary along with clear messaging (such as [Feedback](#)) as to what the user should do.

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```
<StackView space={3}>
```

```
<ToggleSwitch label="Enable data" initialValue={false}  
inactive />  
<ToggleSwitch label="Enable data" initialValue={true} inactive  
/>  
</StackView>
```

Try to structure user interactions such that inactive inputs are not needed because they intuitively do not become part of the content flow.

Feedback

- Spotted a problem with this component? Raise an [issue on GitHub](#)
- See any [existing issues](#) for this component
- Contact the team on slack in [#ds-support](#)