

# System requirements

UDS as a system is distributed as [npm packages](#). Each package enforces its own requirements in terms of peer dependencies and runtimes. The following lists summarizes the overall system requirements:

- **Node 14 minimum support** We run and test all UDS code using node v14 and v16 only. If you are currently using Node v12 we strongly recommend you upgrade anyway, as it will soon be [out of maintenance](#).
- **React 17** UDS uses React libraries but it is only compatible with React 17 and above. Most components are tested and compatible with both R17 and R18, please look at the component catalogue to confirm the component version compatibility. If you are migrating from TDS (compatible with R16 and R17), upgrade to React 17 first and then upgrade to UDS for a smoother transition.
- **React Router v5 or above** Link components are only tested with React Router v5 and v6. If you are using an older version of React Router it is likely you will still be able to use UDS, but we won't be able to offer the same level of support.
- **Browser support** is defined by [our browserslist config](#) (learn more about browserslist [here](#)). This package is also [published to npm](#) and teams are encouraged to reuse this config when building with UDS. Our platform policy is to provide support to browser versions that were released over the last 4 years and that affects more than 0.1% of the canadian web audience. Note that this means **No IE 11 support**. IE 11 officially reaches end-of-life on June 15 2022.
- **Compilers, Transpilers, and Bundlers** We use ES2020 in our source code and in transpiled modules. This works fine with all modern transpilers and bundlers (e.g swc, babel). However older tooling which relies on acorn v6 (for example webpack v4) won't work out of the box with UDS. If you are using an older bundler, we recommend upgrading your tooling before upgrading to use UDS. If that is not an option, you may need to transpile `@telus-uds` -scoped packages using something like `babel-loader`, and set a target that matches the ECMAScript version supported by your tooling. Feel free to [reach out to the UDS team](#) if you need any help with this.

