

React Native Upgrade Package is directed to organizations that struggle with technical debt due to a lack of expertise or capacity within their team. We can support your team by conducting the update and allowing your organization to focus on its priorities without a drop in its development pace.



React Native Upgrade Package

Upgrade your React Native version and unblock release process for your app

WHAT IS REACT NATIVE UPGRADE?

What is React Native upgrade?

Google Play announced in March 2023 the updated target Android SDK API level requirements that developers would have to meet starting August 31 to publish a new app or an app update in the Play store.

As a result, the API target level 33 will soon be required for all apps uploaded to Google Play Store.

If your React Native version is:

- older than RN 0.69 your app won't be visible for Android phones, and you won't be able to update your app without upgrading RN to 0.71+ first
- RN 0.70 newest Android phones (Android 13+) won't see your app, and you won't be able to update your app. Other devices will still see your app for a year

- HOW DOES IT WORK?

How does the service work?

It's a one-off fixed fee type of service. The process can take up to 2 weeks. In case you need more customizable work, you can add working hours to your package.

Here's how it works:

- 1. We investigate your codebase and estimate the project (1 working day)
- 2. We prepare the upgrade process and share the plan with you
 - a. we decide whether to upgrade to 0.71 or the latest 0.72 (preferred)
 - b. we use tools like depcheck and align-deps to identify compatibility issues for your app dependencies
 - c. depending on time pressure, we may suggest trying shortcuts first to unblock the release pipeline and follow up with a proper upgrade path
- 3. We upgrade React Native and necessary 3rd-party libraries and tools
- 4. We run tests to ensure a successful upgrade
 - a. this step ideally engages your existing test suite and testing team
 - b. if necessary we can engage our QA engineers for manual testing
- 5. We help you upload the upgraded version to Google Play Store if necessary

What can you gain with our React Native Upgrade Package?

Upgrading the version of your React Native app will help you to:

- 1. Unblocked release process for your Android app
- 2. **Reduced time and effort** unfortunately, upgrading some React Native apps can be quite complex, so we can save your time and own the entire process to allow you to focus on other important aspects of your project
- 3. **Ensure compatibility with libraries** React Native ecosystem, including various libraries, tools, and community resources, constantly evolves. having the newest version of React Native ensures compatibility with the latest versions of these dependencies, reducing compatibility issues and making it easier to integrate new functionalities into your app
- 4. Access new features and improve DX:
 - a. faster JS execution with the newest Hermes,
 - b. easier debugging with React DevTools
 - c. better web-dev compatibility with Flexbox Gap support
 - d. for 0.72: possibility to try backward compatible New Architecture
 - e. for 0.72: better error messages
 - f. for 0.72: Metro symlinks support

— CALLSTACK SERVICES

What else can we do for you?

Long-term maintenance

You get peace of mind allowing you to focus on growing the product instead of making sure it's available for users

Improved performance and stability

Our team ensures your app uses the most stable and optimized version of RN. your app will not only be more stable but will also offer better performance for users

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