



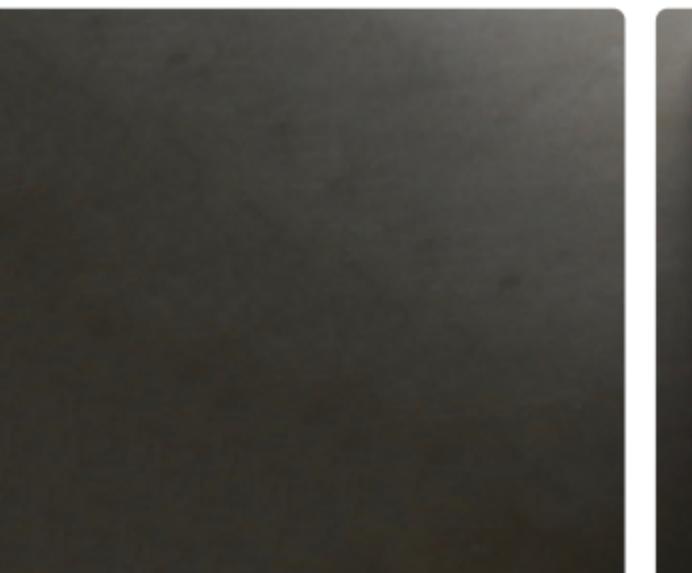
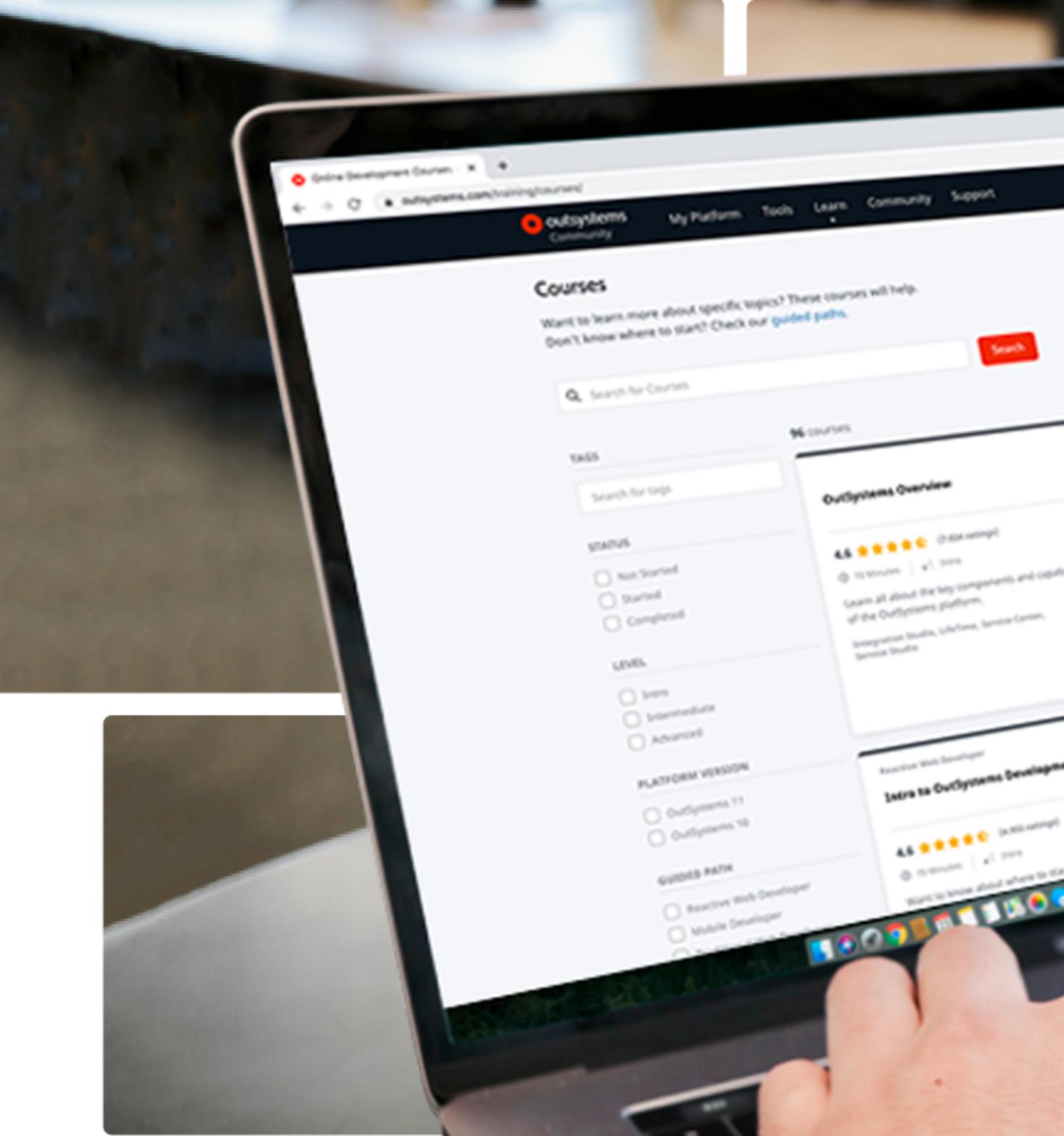
Introducing OutSystems Apps

Types of Apps

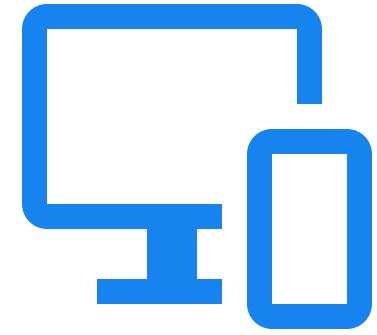
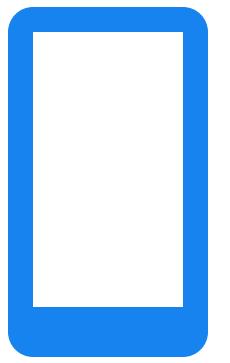
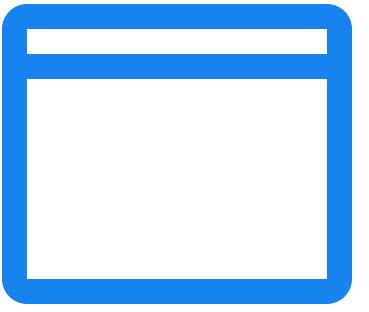
Programming Model

What App Should I Choose?

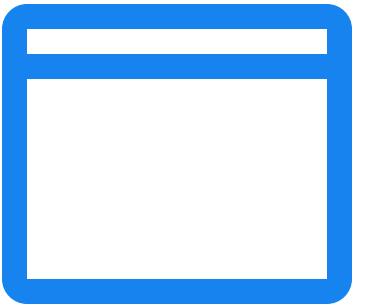
Service Studio Workflow



Types of Apps

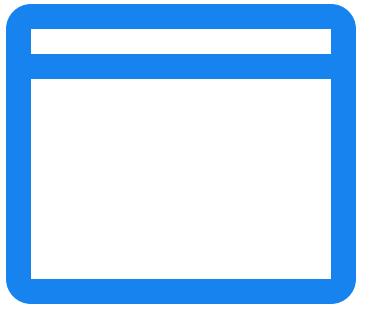


Types of Apps

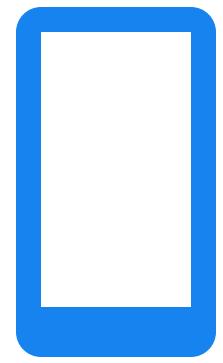


Traditional Web

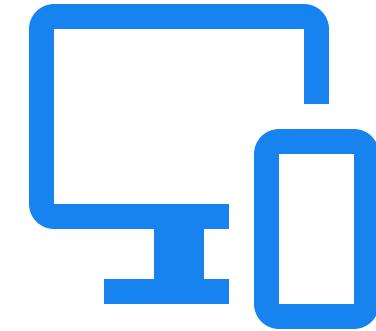
Types of Apps



Traditional Web

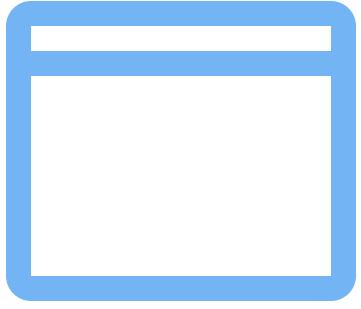


Mobile
(Phone and Tablet)

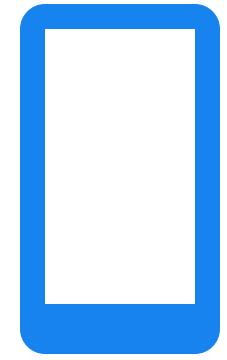


Reactive Web

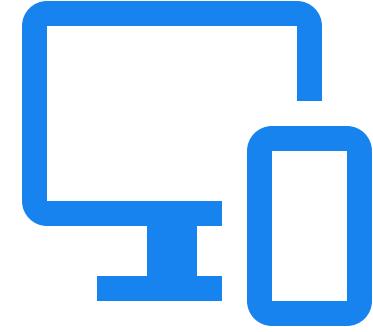
Types of Apps



Traditional Web

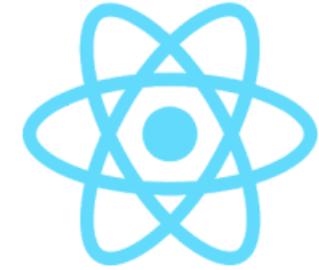


Mobile
(Phone and Tablet)



Reactive Web

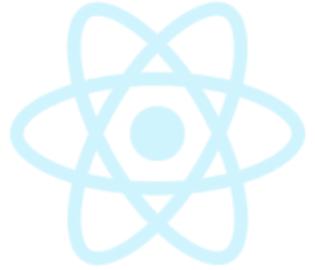
Reactive Web and Mobile Apps



State-of-the-Art Architecture

Follow the most recent standards and best practices, protecting you while making you move fast in an always changing landscape.

Reactive Web and Mobile Apps



State-of-the-Art Architecture

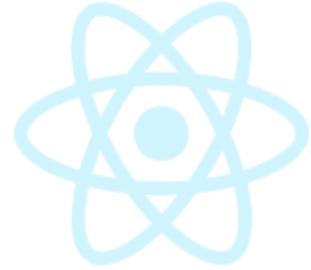
Follow the most recent standards and best practices, protecting you while making you move fast in an always changing landscape.



Apps that Delight Your Users

Deliver apps that move at the speed of thought. Increase customer engagement: check! Making your employees more productive: check! Make everyone fall in love with your apps: check!

Reactive Web and Mobile Apps



State-of-the-Art Architecture

Follow the most recent standards and best practices, protecting you while making you move fast in an always changing landscape.



Apps that Delight Your Users

Deliver apps that move at the speed of thought. Increase customer engagement: check! Making your employees more productive: check! Make everyone fall in love with your apps: check!



Unified Developer Experience

Use low-code to create any app, for any device. Enjoy a great unified developer experience so you can deliver fast and change faster.

Programming Model

JavaScript

HTML



CSS

Programming Model

JavaScript

Cross-device

HTML



Single-page
application

CSS

React

Programming Model

HTML

Client-side

Cross-device

Screen Logic as
JavaScript

React

Asynchronous
data requests



JavaScript

Single-page
application

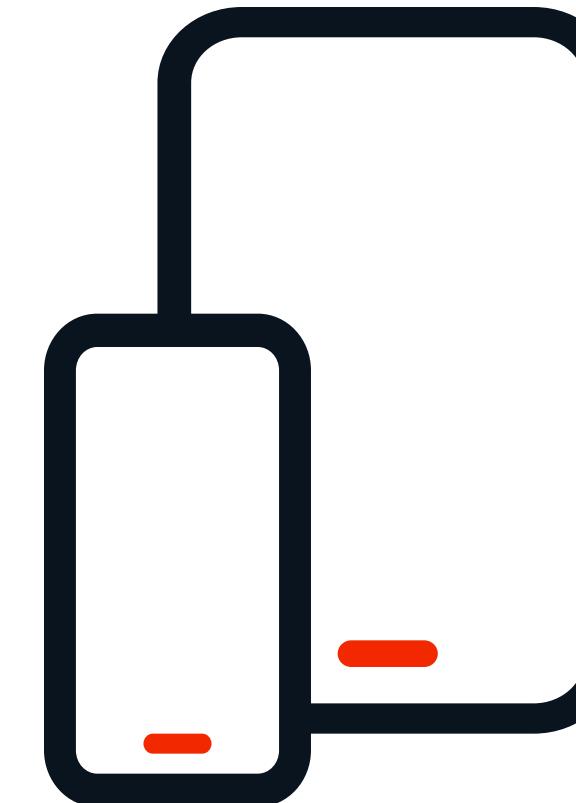
CSS

HTML generated
from JavaScript

Which App Should to Choose?



Reactive Web



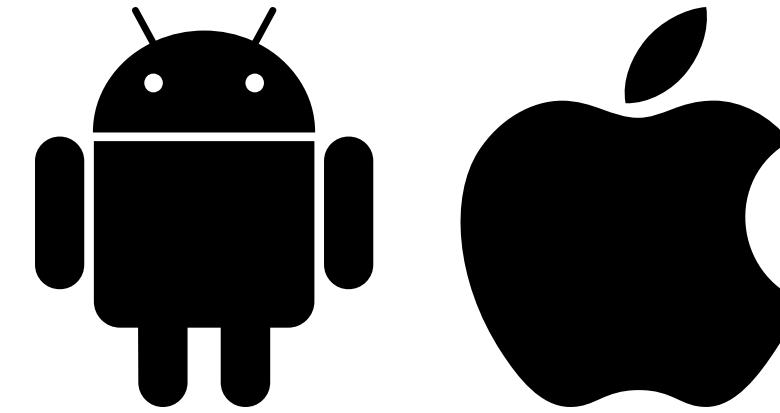
Mobile
(Phone and Tablet)

Code Reusability



Common logic for all devices and screen sizes.

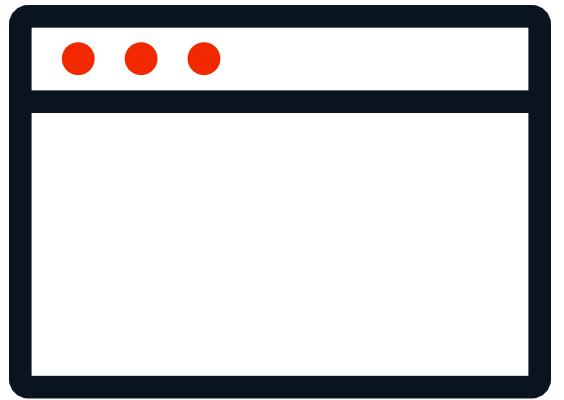
Reactive Web



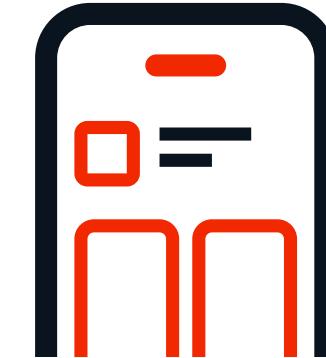
Common logic for supported native mobile platforms, and supported browsers for PWAs.

Mobile
(Phone and Tablet)

Target Device and Audience



A browser.
No installation is needed.



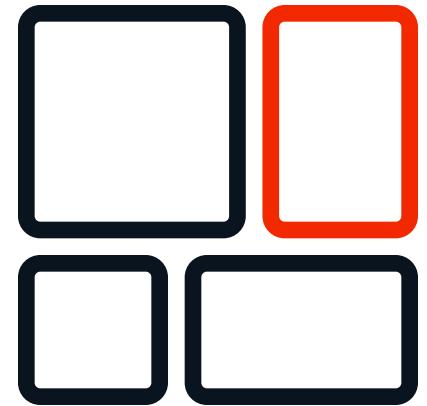
Native mobile apps run in Android
and iOS. PWAs run in any device with
a supported browser.

Reactive Web

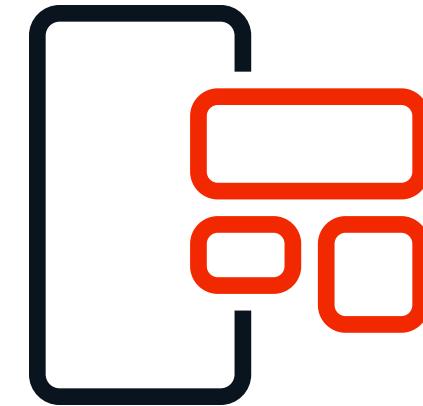
[End-User Requirements](#)

Mobile (Phone and Tablet)

User Experience



Responsive layout for all screen sizes
and types.

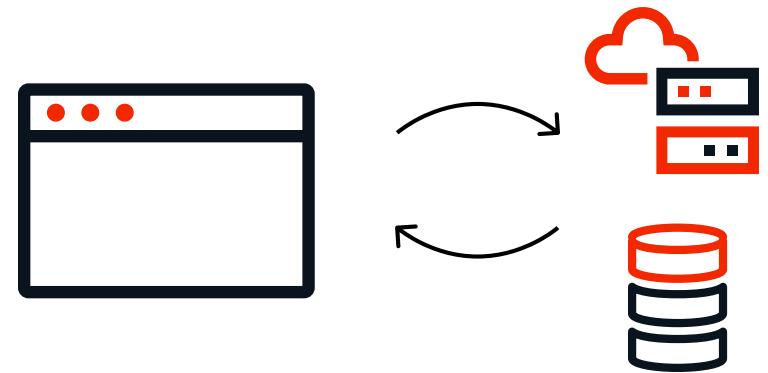


Dedicated mobile UI patterns and
experiences.

Reactive Web

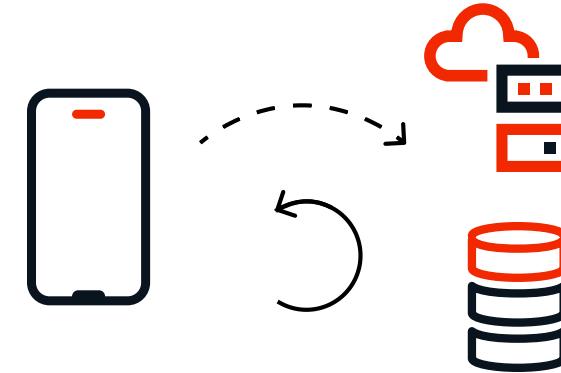
Mobile
(Phone and Tablet)

Performance



Performance designed for the client side, with smart mechanisms to optimize the data transfer.

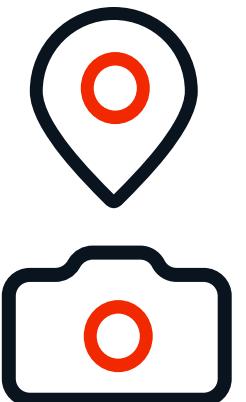
Reactive Web



Performance designed for the client side, with smart mechanisms to optimize the data transfer.

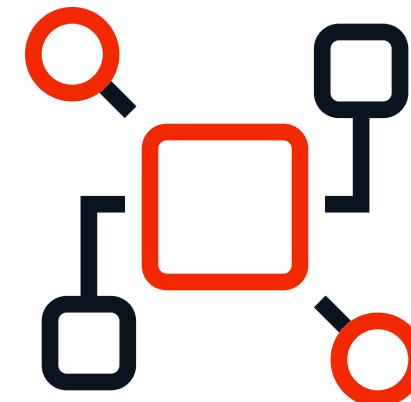
Mobile (Phone and Tablet)

Access to Device Hardware



HTML5 supported device capabilities.

Native mobile apps and PWAs access a range of device capabilities.



Reactive Web

Mobile
(Phone and Tablet)

Offline Capabilities



No offline capabilities.*



For storing offline data, native mobile apps use local storage and PWAs use browser storage.

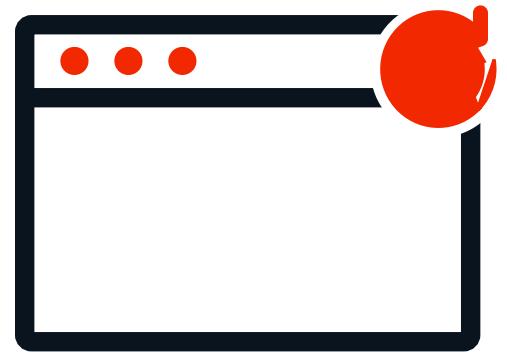
Reactive Web

Mobile

(Phone and Tablet)

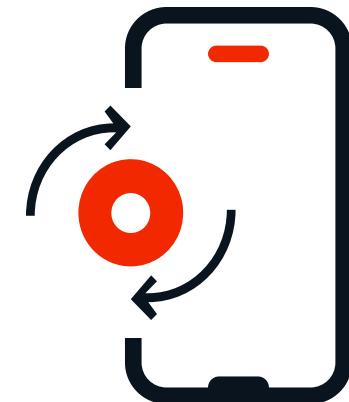
(*) Currently not available.

Deployment and Updates



Updates are automatic when users refresh the browser page.

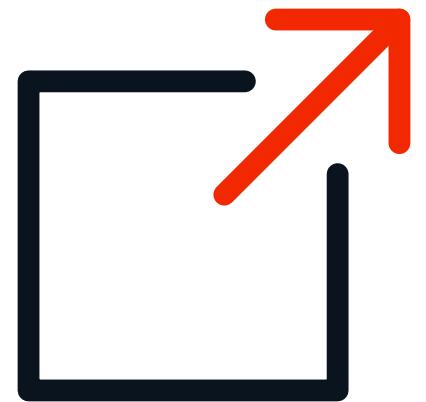
Reactive Web



Native mobile apps can update automatically. PWAs update automatically when the app detects a new version.

Mobile (Phone and Tablet)

Distribution



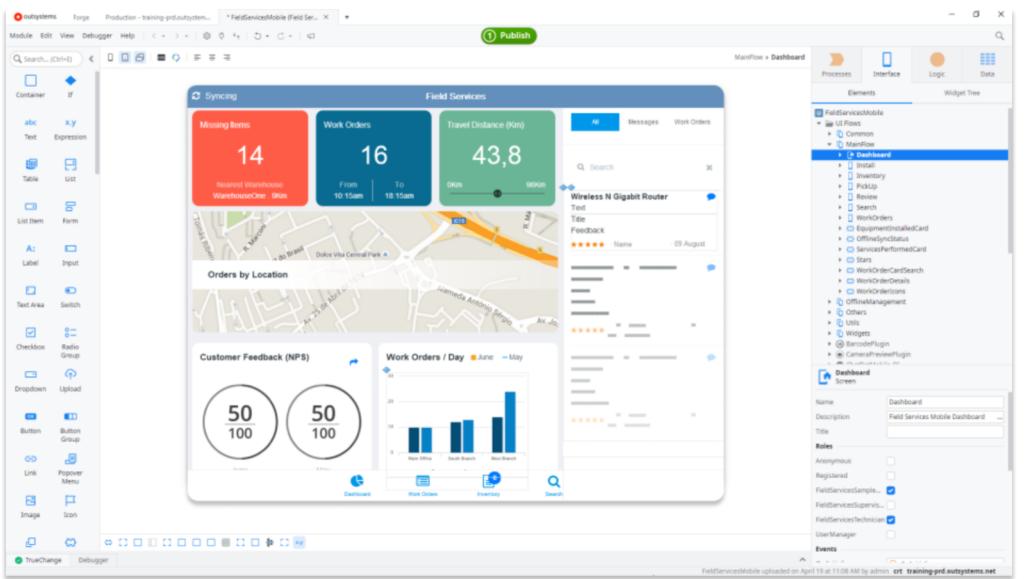
Share the link of the app with users.

In-house distribution or through app stores. Users can run a PWA directly from your website, and add the app icon to the device home screen.

Reactive Web

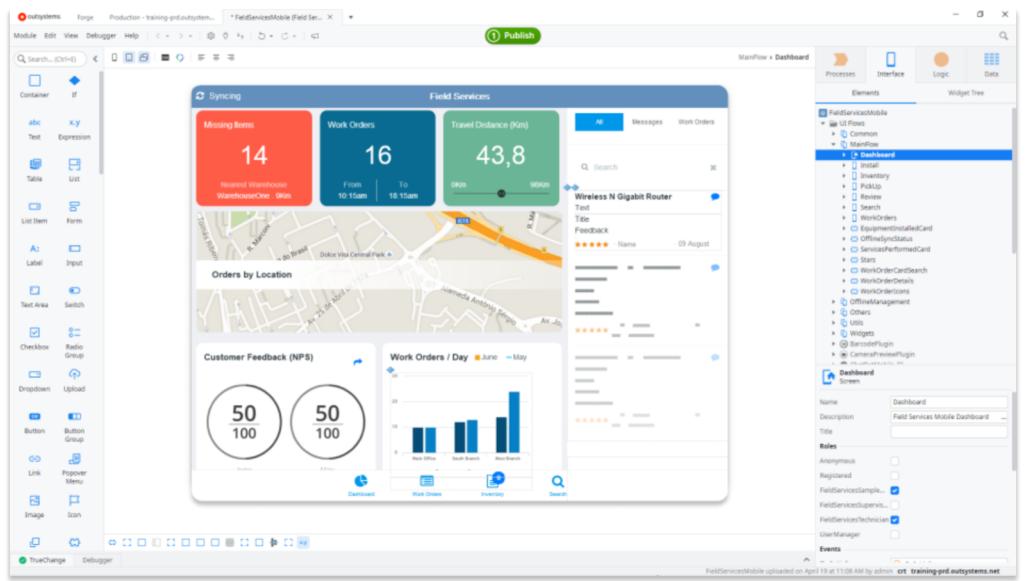
Mobile
(Phone and Tablet)

Service Studio Workflow



Service Studio

Service Studio Workflow

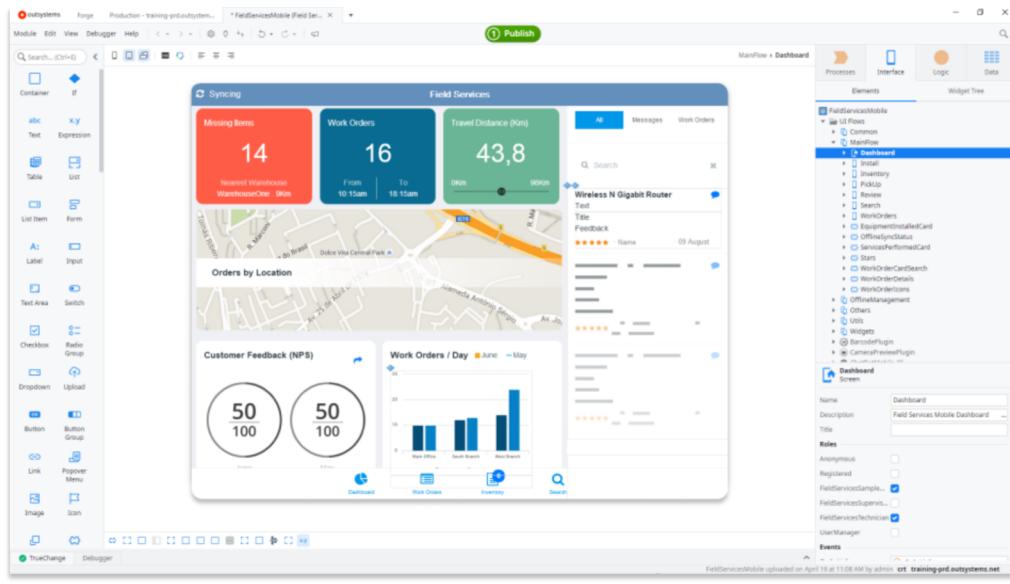


Service Studio

① Publish
→



Service Studio Workflow



Service Studio

① Publish
Publish



② Open in browser
Open



Browsers

