

Automate Inventory Data Collection

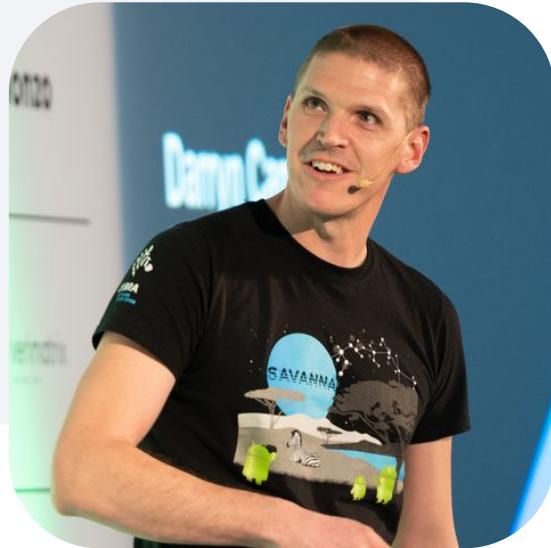
with
Zebra DataWedge
and
Ionic Capacitor



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Agenda for today

- 1 Ionic Intro
- 2 Zebra Intro
- 3 Zebra DataWedge
- 4 Demo
- 5 Q&A

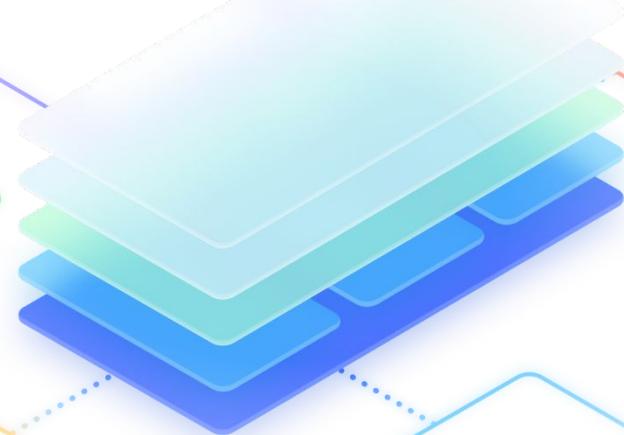
Ionic

The leading cross-platform dev solution

A web-first approach to app development

Powering >15% of apps in the app stores

5 Million developers worldwide



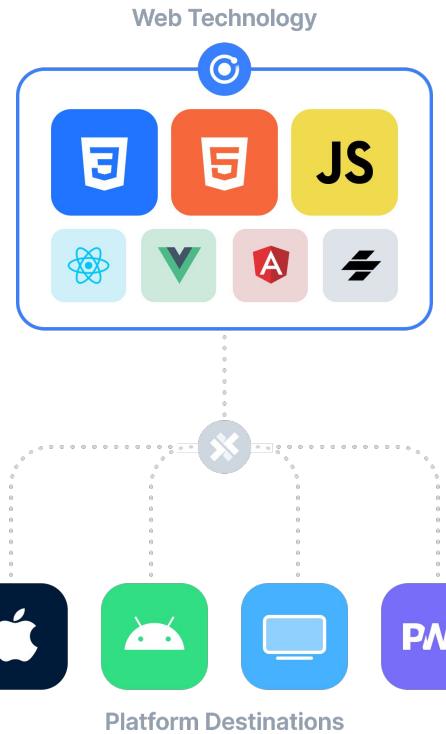
Widely adopted across all industries.



What are Ionic apps?

Native apps powered by web technologies.

- ✓ User interface built with HTML/CSS/JavaScript
- ✓ Native device features accessed via plugins
- ✓ Wrapped in native app shell
- ✓ Apps run within a Web View (embedded browser)
- ✓ See also “Web Native”



Ionic UI

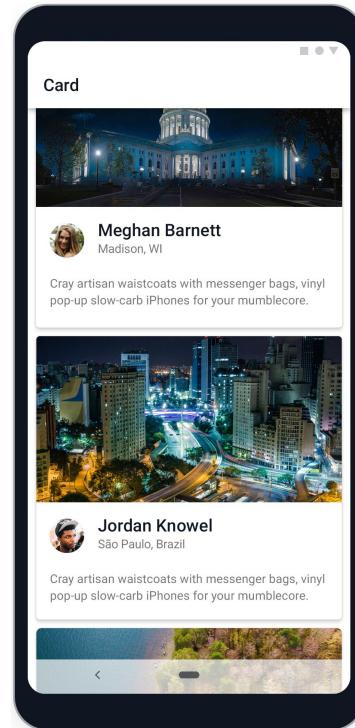
100+ UI components

Platform-aware components

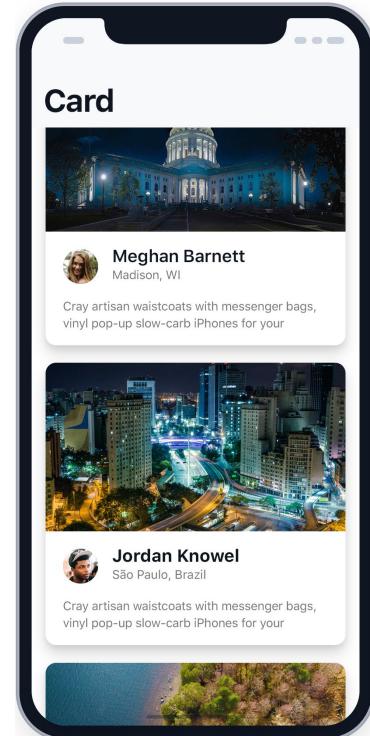
Look-and-feel at home on mobile

Up to date with latest UI design

ANDROID



IOS



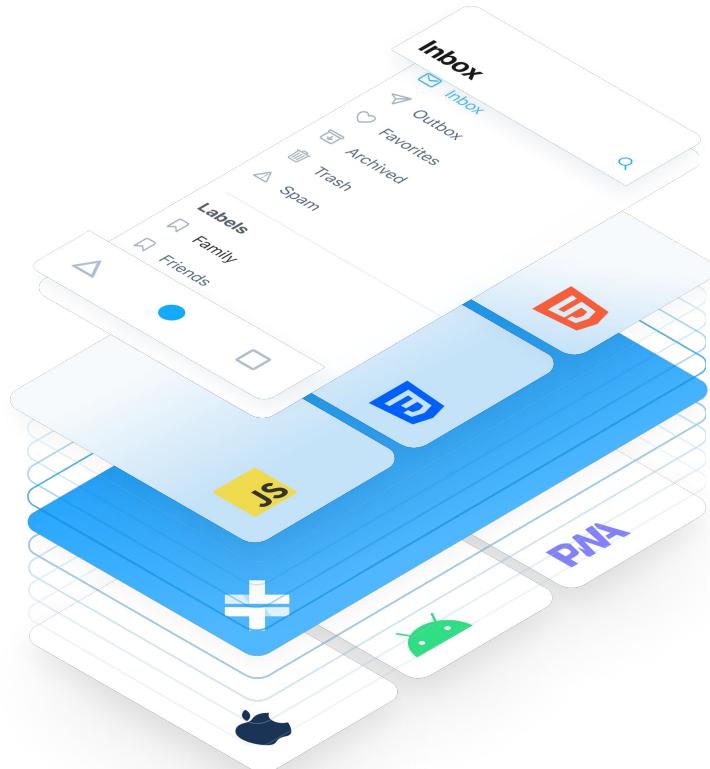
Capacitor

Open source native bridge

Runs on native iOS, Android, web, desktop

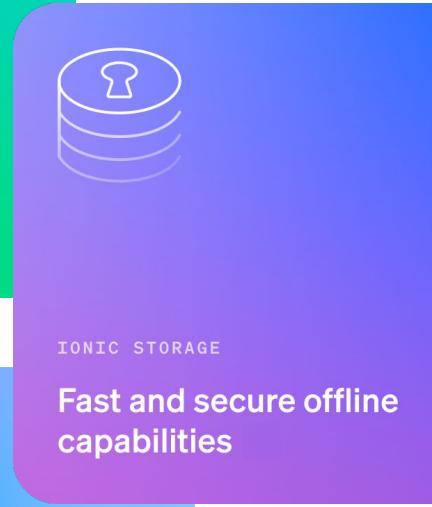
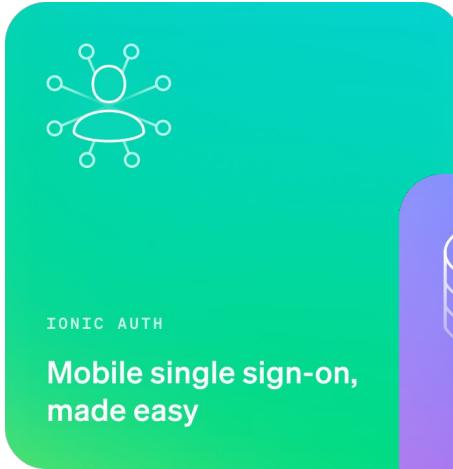
Rated #1 in developer satisfaction

Works with any UI library or framework



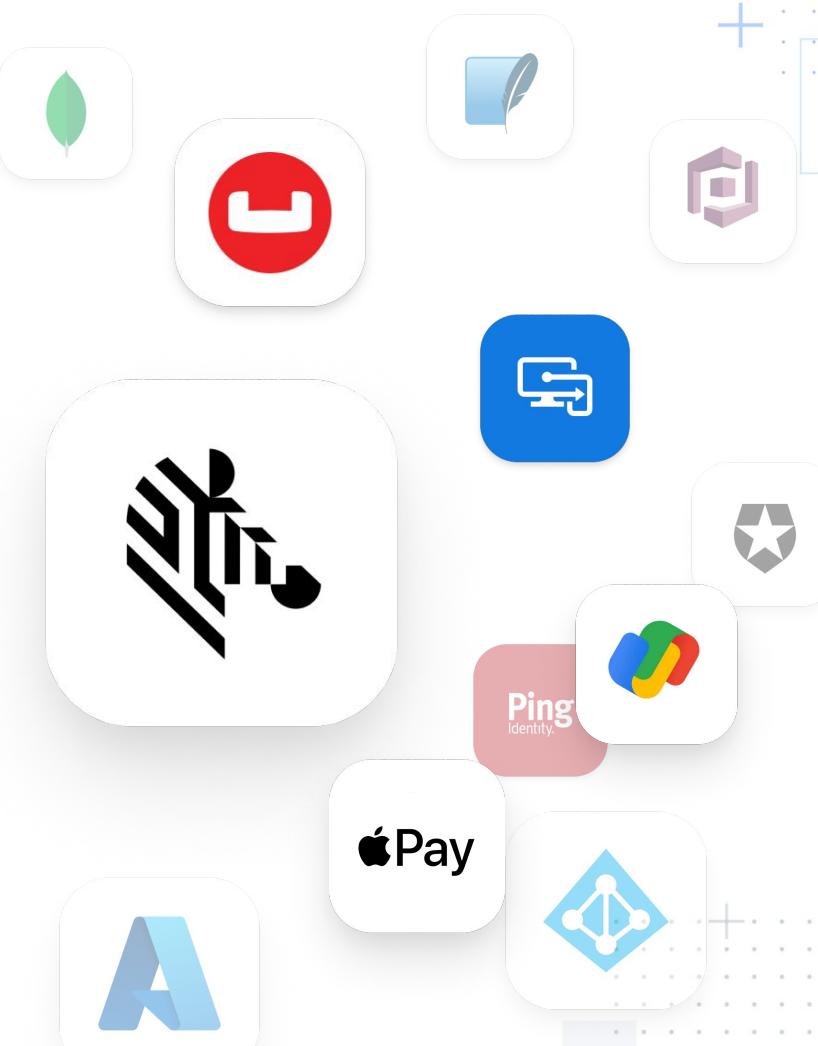
App Extensions

The only cross-platform company that offers enterprise-focused solutions & 3rd Party Plugins fully supported by our experts.



Official Integrations

3rd Party Plugins and service integrations—built and supported by the Ionic team



Zebra Developers

Build Your Edge

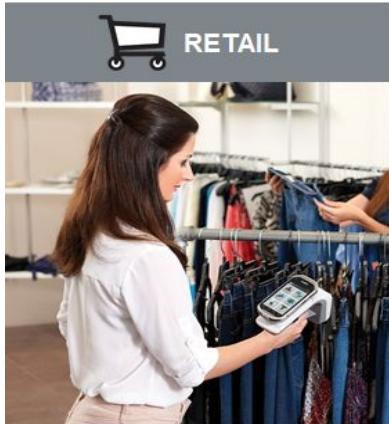


Zebra gives 95% of Fortune 500 companies real-time visibility into their operations through rugged enterprise devices, printers & scanners as well as provide cloud services & connected solutions

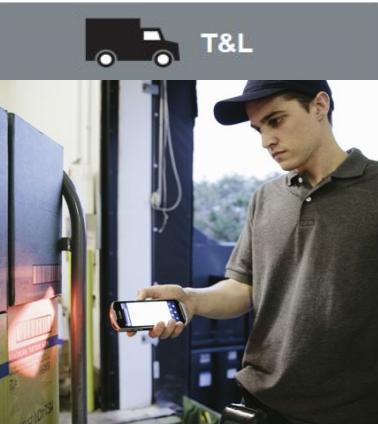


Zebra Introduction

Verticals



RETAIL



T&L



MANUFACTURING



HEALTHCARE

Simplify Operations

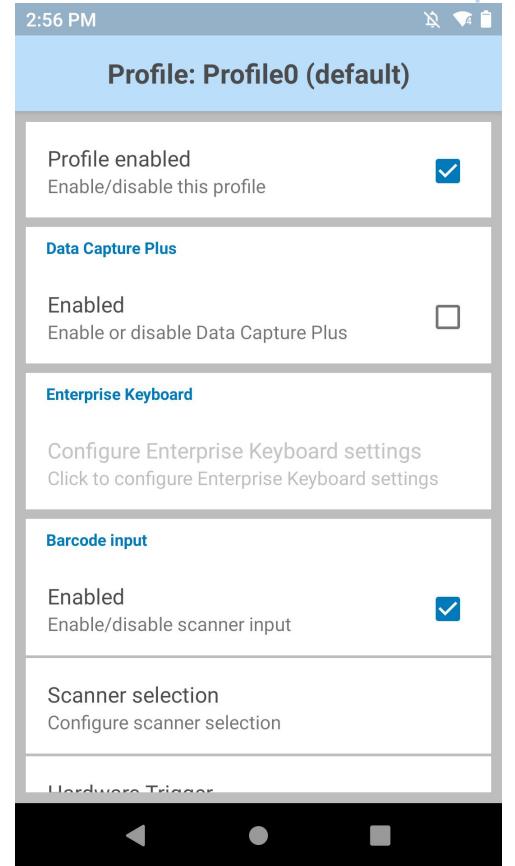
Empower Mobile Workers

Know More About Your
Business and Customers

DataWedge and Ionic Capacitor

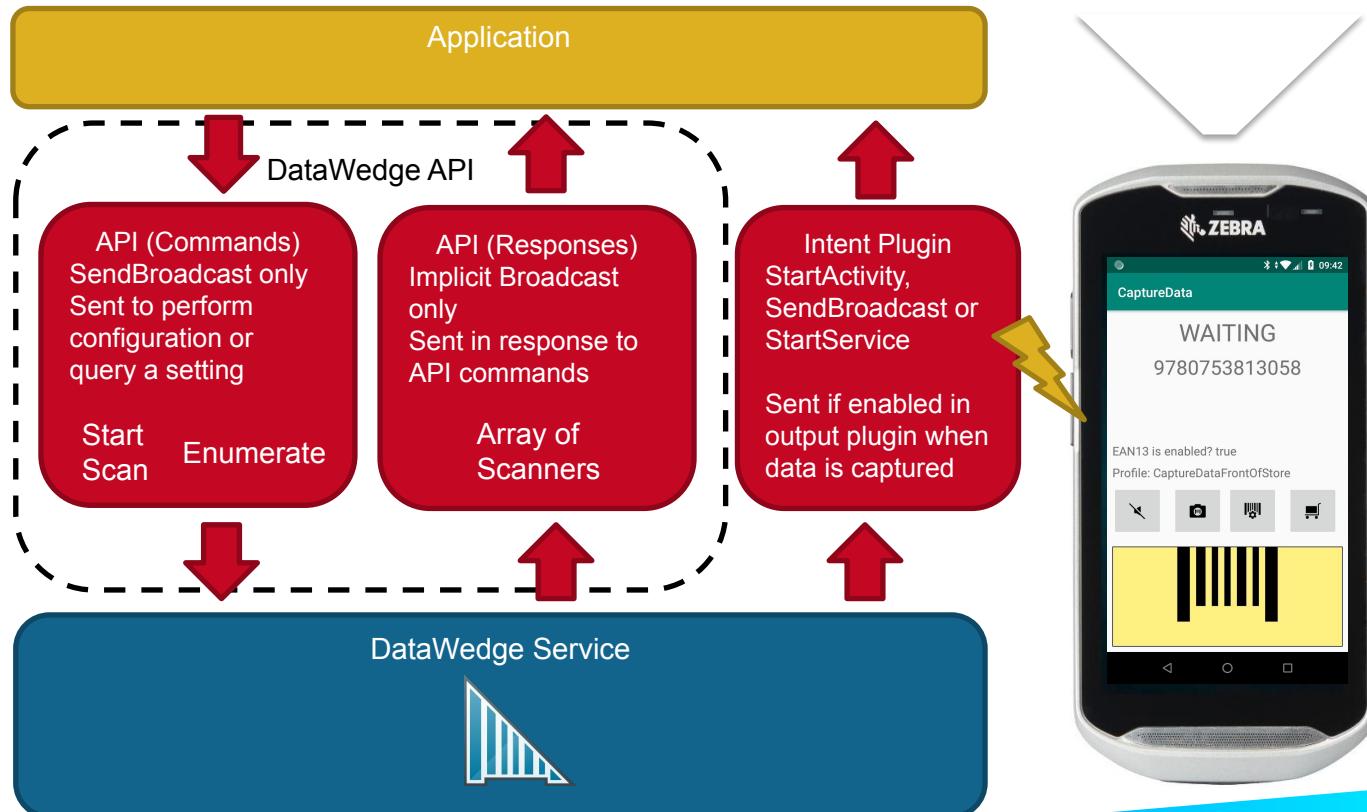
What is DataWedge?

- DataWedge is a service that runs on all Zebra mobile devices
- You configure DataWedge with a “profile” to define:
 - What data you want to capture
 - e.g. the hardware scanner or imager
 - How you want to configure the capture hardware
 - e.g. capture multiple barcodes with a single trigger pull
 - How you want to receive the captured data
 - E.g. via Android Intent
 - Associated with an app, apps or an activity within that app.
- When an associated app is brought to the foreground, the appropriate DataWedge profile is applied.
- **Developer benefit:** full control of the scanner with very little code



DataWedge and Ionic Capacitor

DataWedge and the DataWedge API



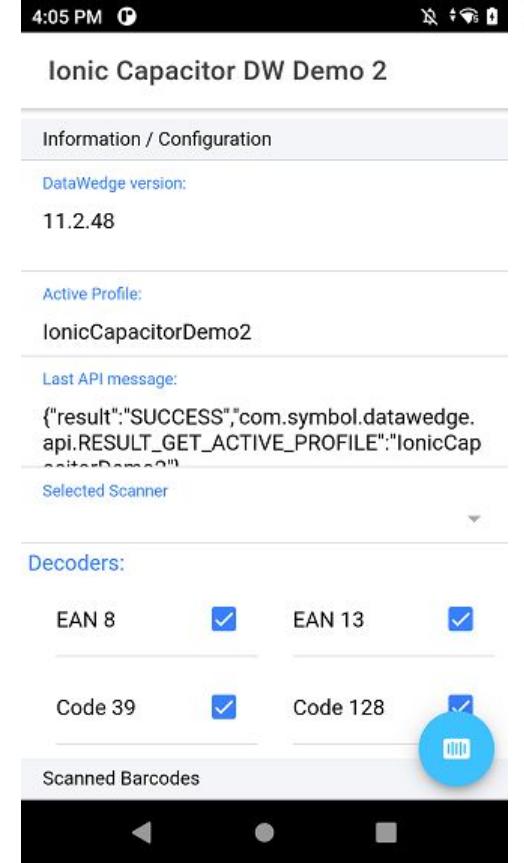
DataWedge and Ionic Capacitor

Demo of Ionic's Zebra DataWedge plugin

Unofficial sample app showing how basic use of Ionic's Zebra DataWedge plugin

- Scan barcodes and display results
- Switch between the imager, camera or Bluetooth scanner
- Selectively disable some decoders
- Trigger a soft scan
- Released under MIT

<https://github.com/darryncampbell/DataWedge-Ionic-Capacitor-Demo2>



*I am not a TypeScript developer by training so please forgive if some of the app design is rudimentary.

DataWedge and Ionic Capacitor

Resources

Unofficial resources:

- My sample app: <https://github.com/darryncampbell/DataWedge-Ionic-Capacitor-Demo2>

Ionic resources:

- Ionic's plugin for Zebra devices (API): <https://ionic.io/docs/zebra-datawedge>

Zebra resources:

- Zebra DataWedge API: <https://techdocs.zebra.com/datawedge/latest/guide/api/>

Why Ionic and Zebra?

Leverage web dev team to crush app backlog

Focus on your unique business value

Backed by Ionic's world-class support & services

Ongoing updates and support



Q&A



<https://ionic.io/>

[Ionic LinkedIn page](#)

[@ionicframework](#)



<http://developer.zebra.com>

[Zebra Developer Community – LinkedIn](#)

developer@zebra.com

<https://github.com/zebradevs>