



Ionic in the Enterprise

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Agenda

- Android Enterprise?
 - What is Android Enterprise
 - Ruggedized (task specific) Android devices
- Hybrid Enterprise Applications
 - History of hybrid app development in the Enterprise
- Ionic in the Enterprise
 - Ionic on Zebra devices



Android Enterprise?

Android Enterprise?

What is Android Enterprise - https://www.android.com/intl/en_uk/enterprise/devices/

android

What is Android

Android 11

Phones and tablets

Enterprise



Overview

Solutions

Recommended

Devices

Support

For Partners

FIND SOLUTIONS

Knowledge worker devices

Accounting firms. Universities. Any office that you can imagine. Android phones and tablets have the power and security to handle professional workplaces everywhere.

- An extra layer of protection and privacy
- Deploy company-owned devices in bulk
- Keep work and personal data separate



Motorola
Moto Z4



Nokia
Nokia 9



Google
Pixel 3a



Aquos
Sense 3



Android Enterprise?

What is Android Enterprise - https://www.android.com/intl/en_uk/enterprise/devices/

Overview Solutions Recommended **Devices** Support For Partners FIND SOLUTIONS

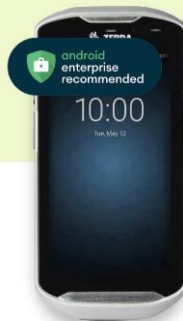
Rugged devices

Tough on the outside, smart on the inside. They're built to work in the harshest conditions. So your staff can use a full range of tools that they need to do their job just as easily as if they were in the office.

- Built to last in tough conditions
- IP rated for water and dust resistance
- Batteries that can last a full work day



Sonim
XP8



Zebra
TC56



Honeywell
Dolphin CT60



Datalogic
Memor 10



See all rugged devices





Hybrid Enterprise Applications

Hybrid Enterprise Applications

History of Hybrid development in the Enterprise

- Hybrid applications have been written for Enterprise devices before Android was a thing
- Early apps were written for Pocket PC devices running Windows CE
- Rendering engine was a variant of IE
- Hybrid frameworks developed in-house by OEM (proprietary)
 - Our proprietary 'Enterprise Browser' is still hugely popular with our developers today



Hybrid Enterprise Applications

History of Hybrid development in the Enterprise

- Why do enterprise developers choose hybrid frameworks, regardless of their target devices? The same reasons you do...
- Familiar with JavaScript / TypeScript & web technologies.
 - Rapid application prototyping & development
 - Flexible tooling
- Do not want to lock themselves to Android
- Create beautiful applications
 - It is what end users expect even in a work environment

Hybrid Enterprise Applications

History of Hybrid development in the Enterprise

Over the years we have seen some of our largest customers dabble with:

- Sencha Touch
- JQueryMobile
- PhoneGap
- Cordova
- Rhodes
- RhoMobile Suite
- Xamarin
- ReactNative
- Progressive Web Apps
- **Ionic**
- Flutter



Ionic in the Enterprise

Ionic in the Enterprise

Ionic is already used by many Enterprise developers

[Platform](#)[Solutions](#)[Resources](#)[Developers](#)[Company](#)[Pricing](#)[Sign in](#)[Start Free →](#)

We help companies build world-class apps.

The way businesses create apps is changing. Are you?
Join the thousands of businesses that rely on Ionic.



Ionic in the Enterprise

Ionic on Zebra devices

The screenshot shows a YouTube video player interface. The video title is "Building Ionic applications for Zebra devices". The video is from the channel "Zebra Technologies" and was uploaded on May 2, 2018. The video has 3,181 views. The video content shows a presentation slide with the Zebra logo and the text "Building Ionic applications for Zebra devices". The slide also mentions "DEVTALK - 2nd May 2018" and lists two speakers: Darryn Campbell, Software Architect at Zebra Technologies, and Justin Willis, Developer Relations at Ionic. The video player includes a search bar, a sign-in button, and a list of recommended videos on the right side.

Building Ionic applications for Zebra devices

DEVTALK - 2nd May 2018

Darryn Campbell
Software Architect - Zebra Technologies

Justin Willis
Developer Relations - Ionic

3,181 views • 2 May 2018

Zebra Technologies
15.5K subscribers

In this joint DevTalk by Zebra and Ionic, you will hear from Justin Willis, Developer Relations at Ionic, on how the Ionic Framework simplifies building apps in one codebase, for any platform, with the web. Darryn Campbell, Software Architect at Zebra, will walk through the ease of

SHOW MORE

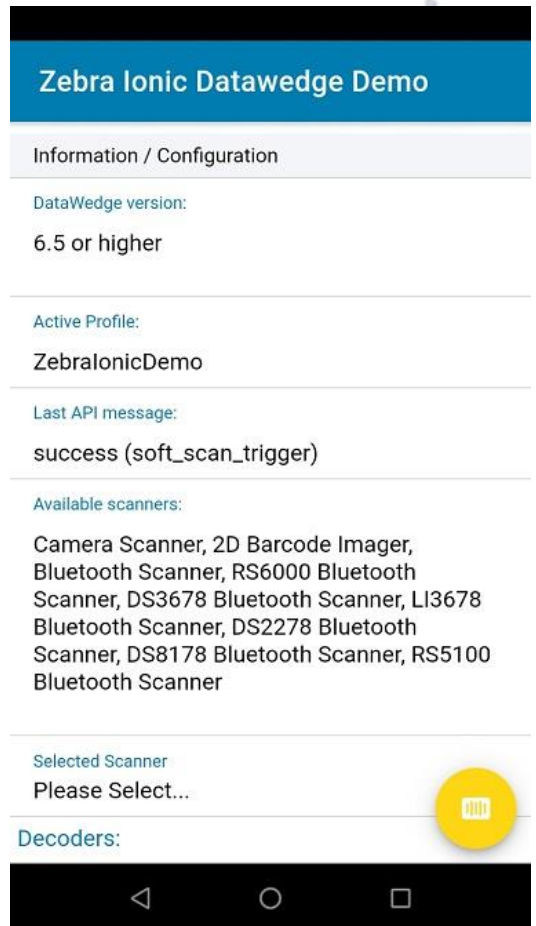
Recommended Videos:

- Zebra DevTalk - DataWedge: Getting Barcode & MSR Data...
Zebra Technologies
12K views • 4 years ago
- Mix - Zebra Technologies
YouTube
- Zebra DevTalk | How to start developing for Zebra Android...
Zebra Technologies
2.1K views • 1 year ago
- MBS1016 StageNow Technical Enablement - 03: Application...
Zebra Knowledge Center
6.2K views • 5 years ago
- You Should Be Using Yubikeys!
Crosstalk Solutions
269K views • 6 months ago
- Zebra Designer V3 Database Connection
Manoj Kumar
5.1K views • 1 year ago
- Zebra DevTalk - Enterprise Browser: Enable Your Web...
Zebra Technologies
2.6K views • 3 years ago
- Scanner SDK Walk Through (Android & iOS) | Zebra
Zebra Technologies
40 views • 17 hours ago
- Zebra DevTalks Community Day - Enterprise Browser...
Zebra Technologies
128 views • 6 months ago
- TIMELAPSE OF THE FUTURE: A Journey to the End of Time...
melodysheep
62M views • 2 years ago

Ionic in the Enterprise

Ionic on Zebra devices

- We have had dedicated Ionic demo apps for years
- Based on Ionic Framework's WebIntent plugin
 - Based on my own Cordova Intent plugin, originally created to support Enterprise Cordova developers.
- 27 stars and 15 forks (& 19 closed issues)
 - That is a lot for a demo app aimed at a niche market
- Example issues:
 - [Can you please support Ionic 3](#)
 - [Can you please support Ionic 4](#)
 - [Can you please support Ionic 5](#) (I updated to Ionic 6 last year)
- *Enterprises are a lot more accepting of rapidly developing and iterating projects!*



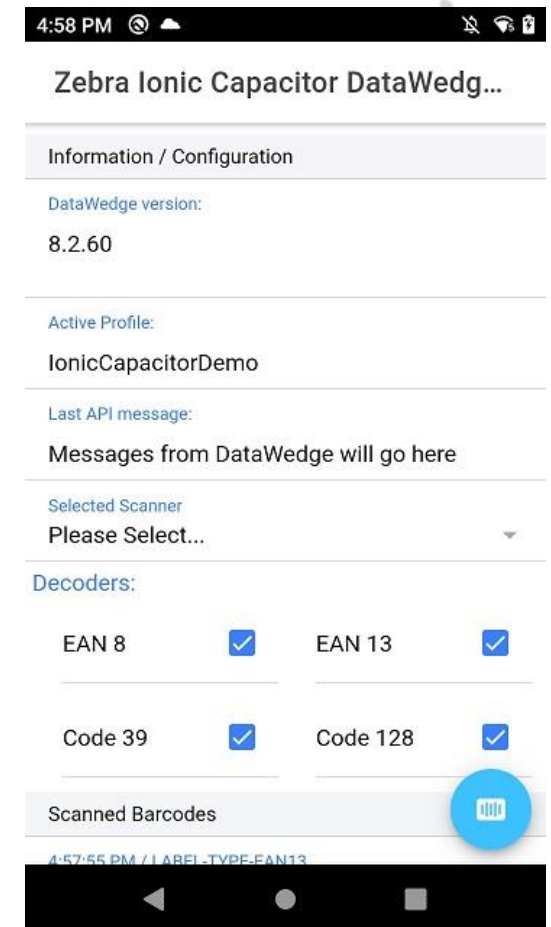
Ionic in the Enterprise

Ionic on Zebra devices

Announcing today:

- Sample project for Ionic capacitor developers:
 - <https://github.com/darryncampbell/DataWedge-Ionic-Capacitor-Demo>
- Uses same Cordova plugin as the previous demo

Zebra
Developers
Build Your Edge



Resources



- My Github:
 - <https://github.com/darryncampbell>
- Zebra Developers:
 - <http://developer.zebra.com>
- Capacitor demo for Ionic apps on Zebra devices:
 - <https://github.com/darryncampbell/DataWedge-Ionic-Capacitor-Demo>
- Demo for Ionic apps based on Cordova for Zebra devices:
 - <https://github.com/ZebraDevs/DataWedge-Ionic-Demo>
- WebIntent:
 - <https://ionicframework.com/docs/native/web-intent>
- Cordova plugin for Intents:
 - <https://github.com/darryncampbell/darryncampbell-cordova-plugin-intent>

Questions?