

UNIFACE

Mobile

Face to Face
November 2016



Mobile Deployment

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Director, Global Delivery

30 November 2016



Agenda

- ▲ Define our place in the market
- ▲ Describe the solution
- ▲ Show mobile deployment





Why?

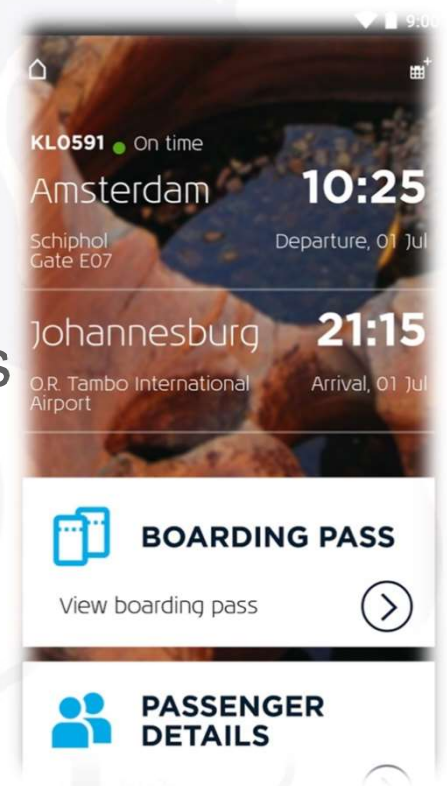
Uniface Mobile

- Bring the power of uniface to mobile
- Enable business innovation not technical complexity
- Bringing the enterprise to mobile, quick and simple



Enterprise Mobile App?

- Characteristics
 - Connected
 - Stable / Mission Critical
 - Scalable
 - A “frontend”
- Benefits
 - Increased Employee Productivity
 - Increased Employee Responsiveness
 - Increased Customer Satisfaction
 - Competitive Differentiation
 - Connects the Enterprise





“Mobile moments redefine every customer relationship.

If a customer wants information or service in a mobile moment, that is your moment to shine”

Forrester Research

#MyMobileMoment



Aaron L. Brown
@abrownplante



Follow

#MyMobileMoment On my way for coffee this morning and realizing I didn't have my wallet, but I had phone with **@starbucks**gold. **#Savedbymobile**



Josh Bernoff
@jberhoff



#MyMobileMoment today was watching this video while repairing my bicycle. Instant expert. m.youtube.com/watch?v=tfBiXg...



Tobias Goebel
@tpgoebel



Follow

Realizing I can send a quick msg to my doctor through the **#MyChart** app to clarify a prescription **#MyMobileMoment** solutions.forrester.com/mymobilemoment



AnettH
@ahaugom



Follow

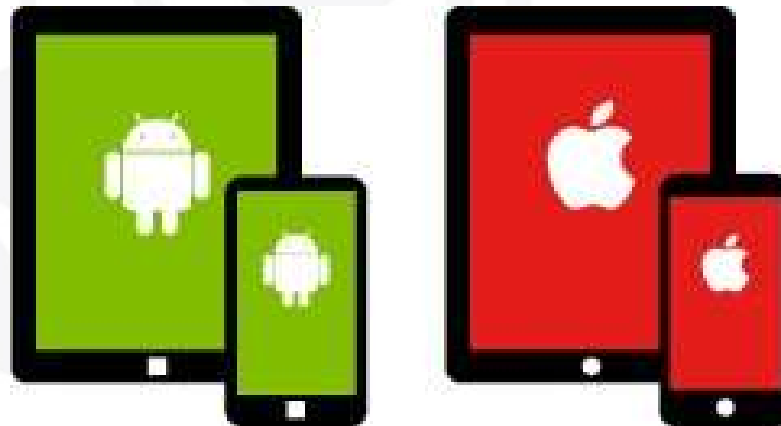
An app that let's you preorder drinks at the pub. Genius. **#MyMobileMoment**



How?

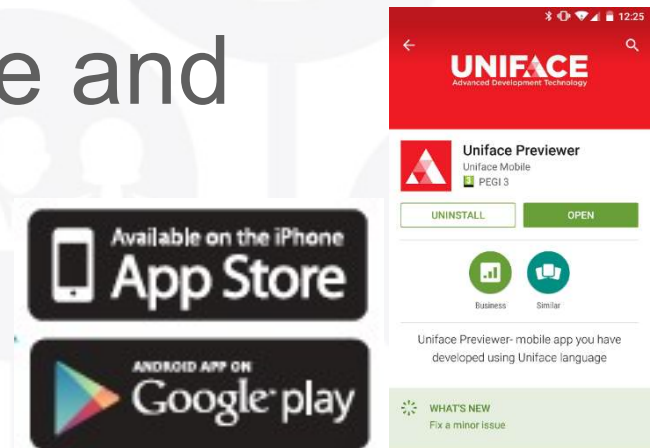
Challenges

- Technical Approach
- Device Fragmentation
- Build / Deployment

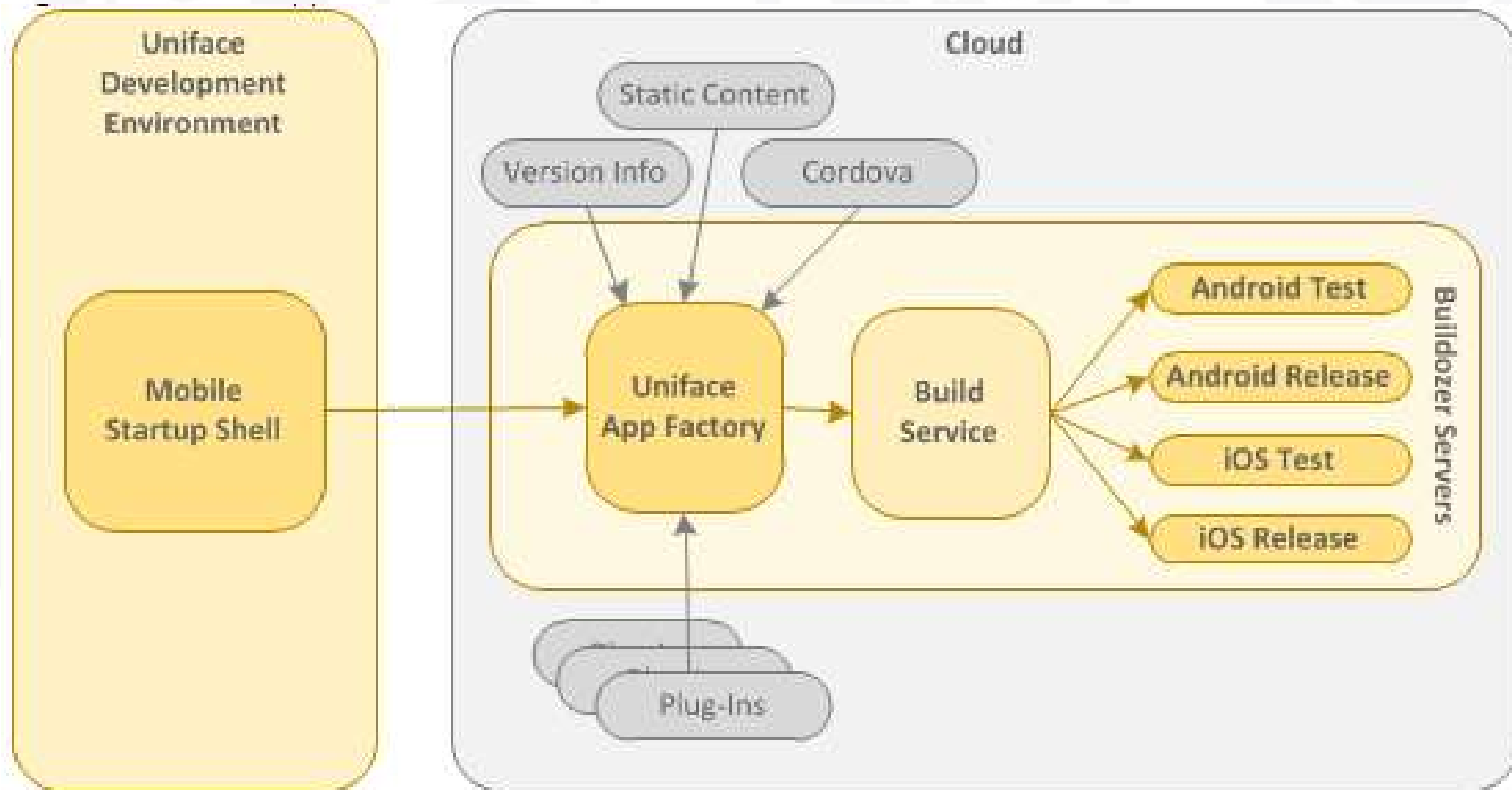


Uniface Mobile

- Develop and deploy cross-platform, responsive mobile apps.
- Hybrid Solution – HTML5/JavaScript
- Rapidly prototype mobile apps
- Previewer app in App Store and Google Play



Mobile Development Process





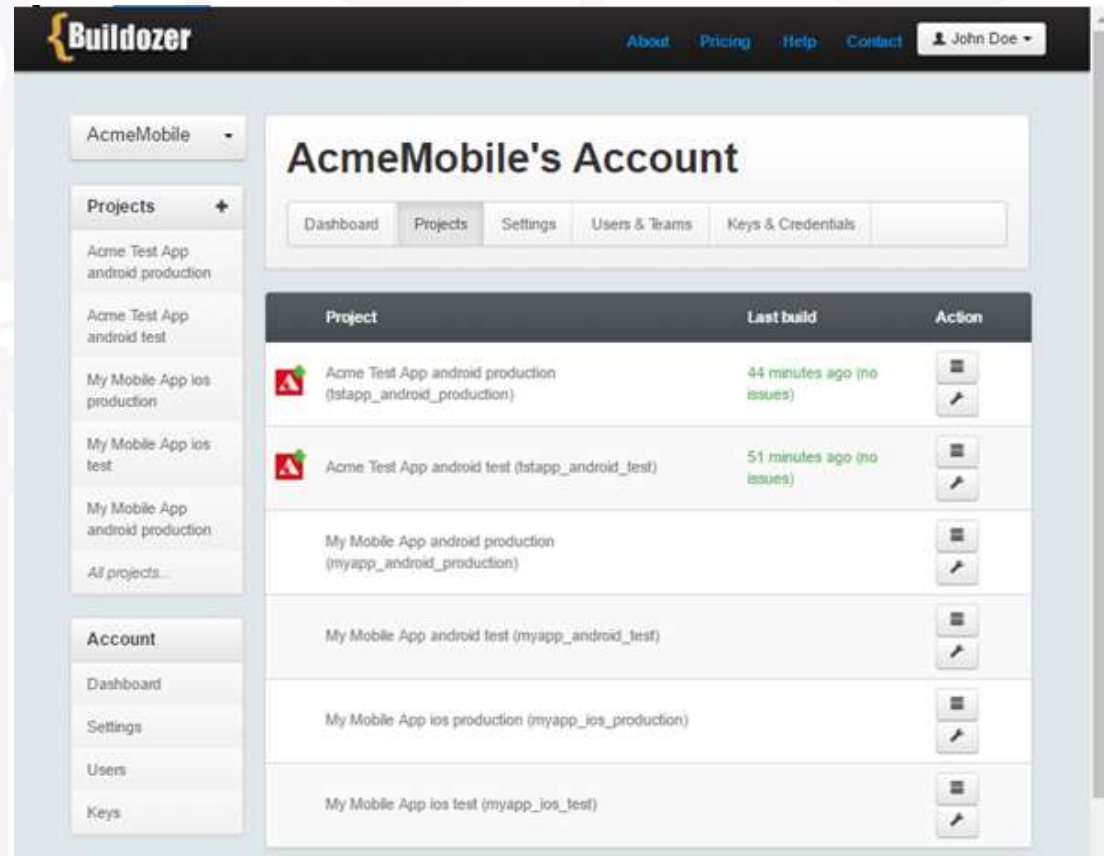
What?

DSP development +

- Cross platform layouts
 - `data-uniface-role="header"`
 - `data-uniface-role="content"`
 - `data-uniface-role="footer"`
 - `class="-uf-header"`
 - `class="-uf-content"`
 - `class="-uf-footer"`
- Previewer
- Plugins
- Start-up shell

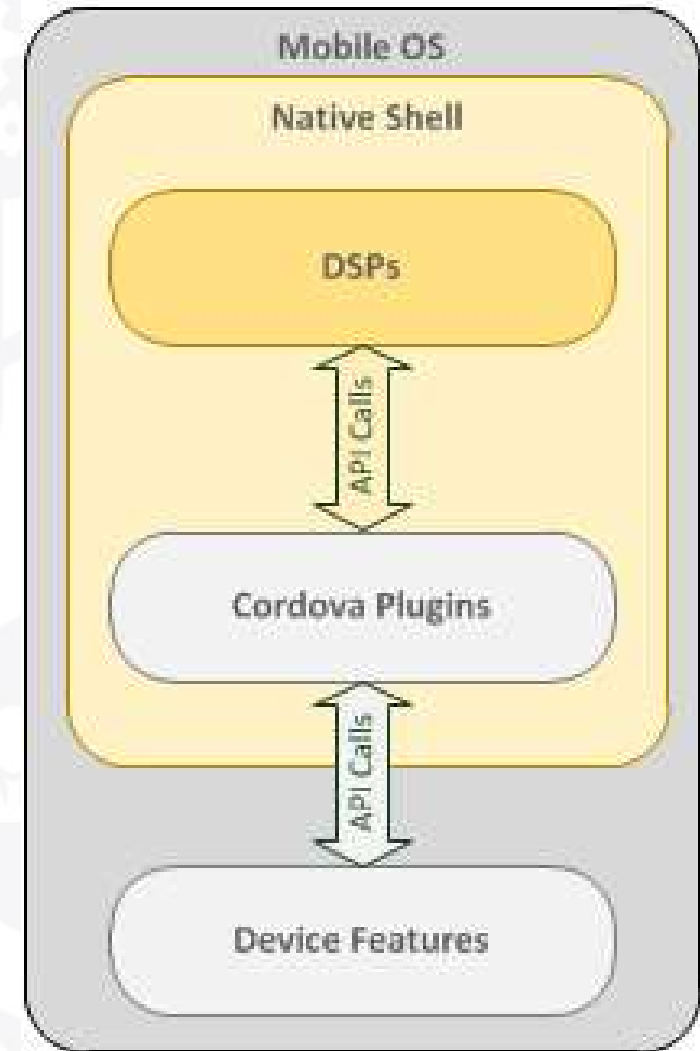
Buildozer

- Build automation & deployment
- Build and release management
- Subscription service



Mobile Startup Shell

- Defines app properties
- Select supported plugins
- No executable code
 - not compiled
 - no .aps file is generated.
- Mandatory properties are validated
- Resource wizard



Mobile Availability Matrix

 June 1, 2016 Product Availability	ios			Android		
	iOS7	iOS8	iOS9	> 4.4	5.*	6.*
Plugin						
Barcode Scanner	S	S	S	S	S	S
Cache	S	S	S	S	S	S
Camera	S	S	S	S	S	S
Contacts	S	S	S	S	S	S
Geolocation	S	S	S	S	S	S
Globalization	S	S	S	S	S	S
Keyboard	S	S	S	S	S	S
Screen Orientation	S	S	S	S	S	S
Status bar	S	S	S	S	S	S
Toast Message	S	S	S	S	S	S
Uniface System Information	S	S	S	S	S	S

Documented plugins

unifacemobile — Bitbucket

← → ↺ |  Atlassian, Inc. [US] bitbucket.org/unifacemobile

Bitbucket Teams Projects Repositories Snippets

 Uniface Mobile (unifacemobile)
Team since November 2015

<https://bitbucket.org/unifacemobile/>

Overview Projects Snippets Followers 2 Members 5

Repository	Project	Last updated
 com-uniface-sysinfo	AppFactory	2016-08-10
 cordova-plugin-printer	AppFactory	2016-07-27
 cordova-plugin-geolocation	AppFactory	2016-07-27
 cordova-plugin-camera	AppFactory	2016-07-27
 toast-phonegap-plugin	AppFactory	2016-07-27
 org-uniface-cordova-device	AppFactory	2016-07-27
 cordova-plugin-whitelist	AppFactory	2016-07-27
 cordova-plugin-statusbar	AppFactory	2016-07-27
 cordova-plugin-splashscreen	AppFactory	2016-07-27
 cordova-plugin-screen-orientation	AppFactory	2016-07-27
 cordova-plugin-network-information	AppFactory	2016-07-27
 cordova-plugin-inappbrowser	AppFactory	2016-07-27
 cordova-plugin-globalization	AppFactory	2016-07-27
 cordova-plugin-device	AppFactory	2016-07-27
 cordova-plugin-contacts	AppFactory	2016-07-27
 cordova-plugin-sqlite-2	AppFactory	2016-07-21
 ionic-plugin-keyboard	AppFactory	2016-06-24
 cordova-plugin-cache	AppFactory	2016-04-05
 com-uniface-navigation-controller	AppFactory	2016-04-05

UNIFACE

Dev Conf

Custom Plugins

- Cordova or PhoneGap
- Specify git repository

`https://github.com/phonegap/phonegap-plugin-push --variable
SENDER_ID="xxxxxxxxx"`

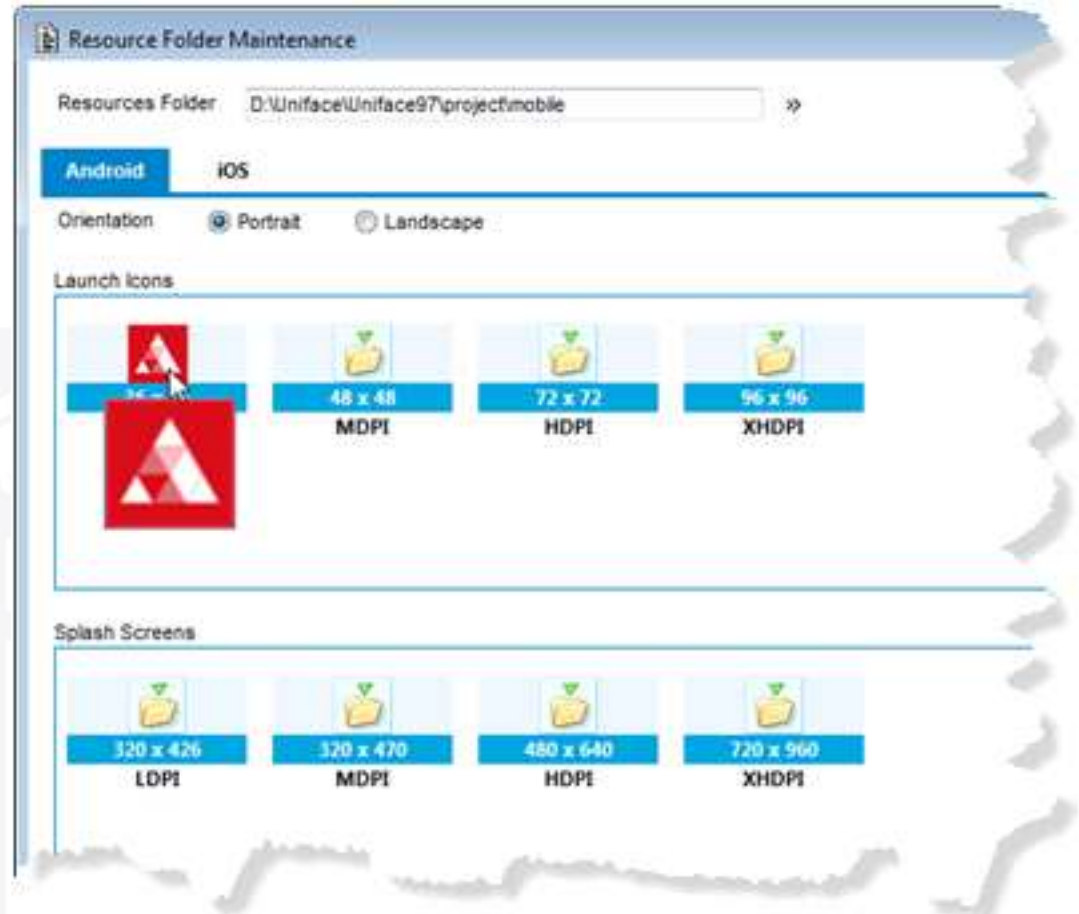
- *For now, must be fully configurable through the plugin's JavaScript API and git URL*



App version	0.1	
SDK Version		
App Platforms	android	>>
Phonegap Plugins	BARCODE-;CONTACTS-;TOAST	>>
Custom Plugins	https://github.com/phonegap/phonegap-plu	>>

Resources

- Icons
- Splash screens



Developer Accounts

- Google
 - Google Play Developer Account
 - keystore
- Apple
 - Enrol in the Apple Developer Program
 - Certificates
 - Signing identities
 - Provisioning profiles

Keystores, Certificates and Provisioning Profiles

- Android
 - Buildozer's own
 - Java keystore.
 - `keytool -keystore <KeystoreName>.jks -genkey -alias <KeystoreAlias>`
 - *"C:\Program Files\Java\jre1.8.0_101\bin\keytool.exe" -genkey -v -keystore unifacesme.keystore -alias unifacesme -keyalg RSA -keysize 2048 -validity 10000*
- iOS
 - Buildozer can generate a .p12 certificate.
 - Apple
 - provisioning profile
 - App ID
 - Device profiles



Let me show you



Thank You!
Questions?



in



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