HOW TO LEVERAGE MOBILE APPS FOR DATA COLLECTION

Mobile Application Platform for Business

Agenda

➢ Challenges with Traditional Data Collection

➢ Mobile Data Collection Advantages

➢ Native App opportunities for Mobile Data Collection

SNAPPii

Traditional Data Collection Challenges

- Paper-based forms, charts, rulers, cameras, PCs

- cumbersome, time consuming and tedious

- subject to misplacement, errors and duplicate work database re-entry

- hinders real-time data collaboration and action in emergency situations

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Benefits of Mobile Data Collection

- Dramatically reducing time and money spent on data collection, re-entry and reporting

- Managing site incidents more efficiently - addressing situations in real time

- Improving workforce productivity and safety in the field

- Automating maintenance and repair processes to increase asset reliability and performance

- Identifying and helping prevent equipment malfunctions on the spot with immediate feedback to internal resources

- Going green eliminating paperwork and reducing inaccuracies

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SN APP ii

Mobile Apps for Data Collection

- Multi-layer data capture:
  - collect numeric
  - alphanumeric,
  - date/time,
  - GPS/location/map
  - photo
  - signature & drawing

- Work offline – store locally and send when connection available

- Multi-level data submission
  - Email: body, spreadsheet, PDF
  - web post
  - Back end database
  - in-app

- Immediate change/update deployment

- Push Notifications

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Why Native Mobile Apps?

- Local databases
  - On device storage

- Work in disconnected mode
  - Unlike internal apps connection is not always available

- Leverage BYOD

- Timely access to new OS innovations
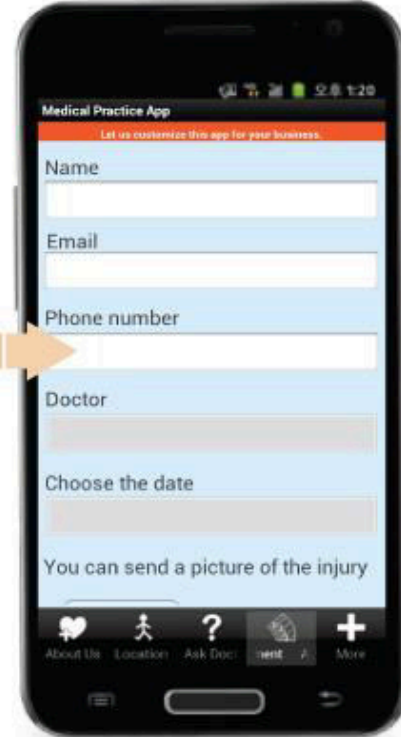
- Flexible and scalable

- Mutli-level data capture

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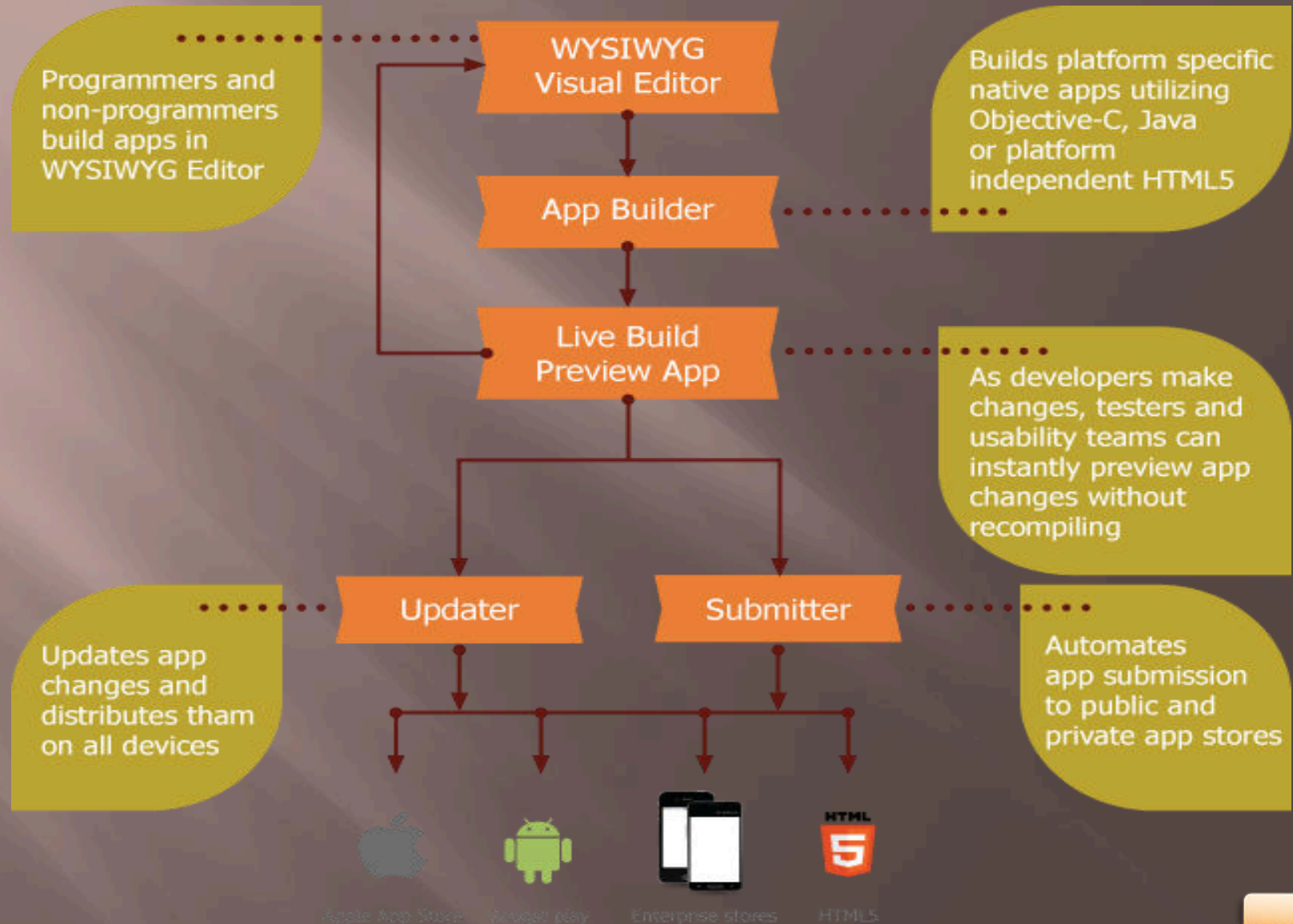
Visual Development Using snAPPii

Just build your app with our WYSIWYG Editor, save it, and view it on your device immediately!
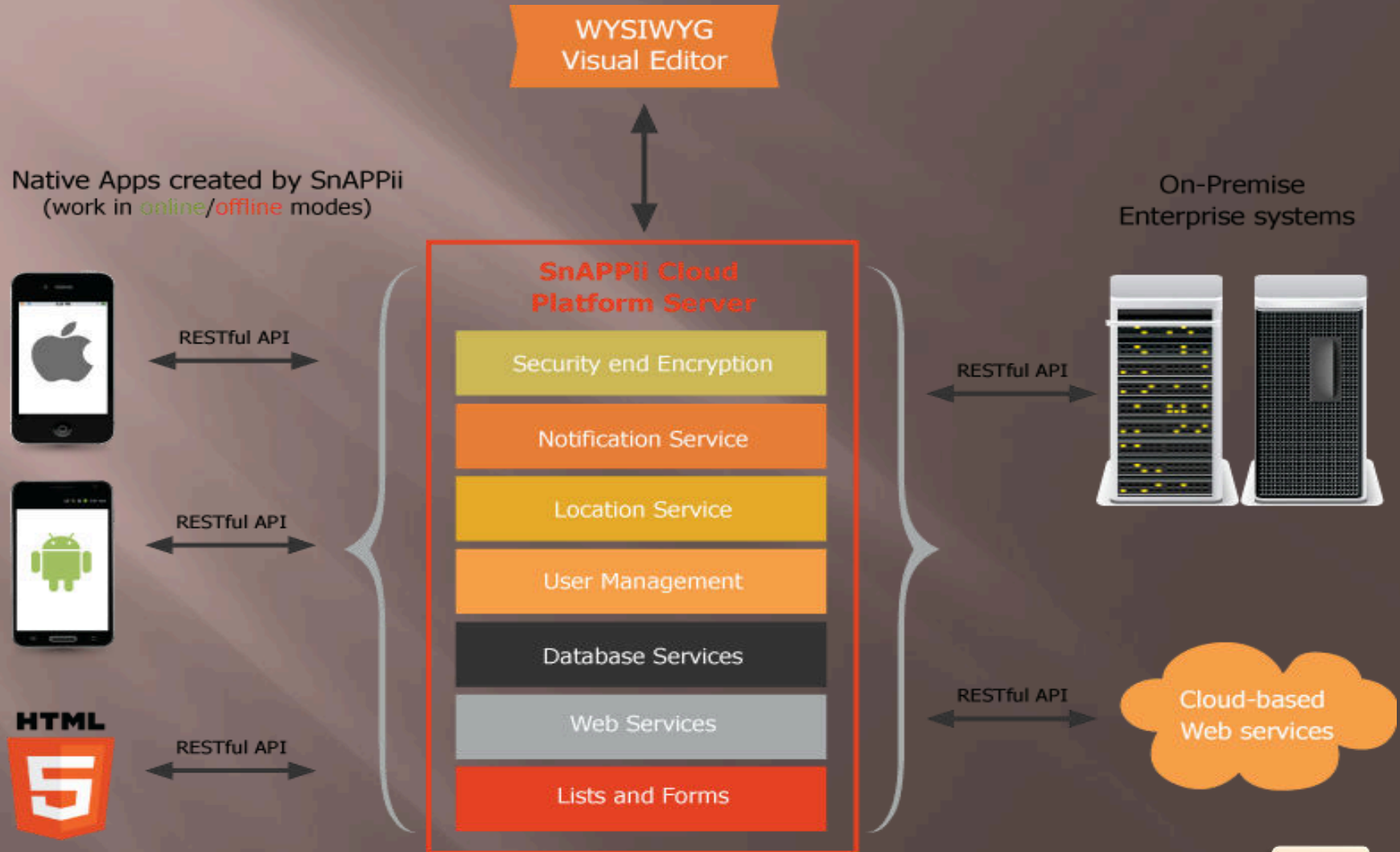
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SnAPPii Development Process

Programmers and non-programmers build apps in WYSIWYG Editor

WYSIWYG Visual Editor

Builds platform specific native apps utilizing Objective-C, Java or platform independent HTML5

App Builder

Live Build Preview App

As developers make changes, testers and usability teams can instantly preview app changes without recompiling

Updater

Submitter

Updates app changes and distributes tham on all devices

Automates app submission to public and private app stores

Apple App Store   Google play   Enterprise stores   HTML5

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