



## SaaS Based Barcode and RFID System Solutions



### Client Business Description

- ◇ Industry leaders and specialists in Barcode, Auto-ID including RFID Solutions.

### Background

- ◇ BCDS provides Asset tracking and Inventory management as part of its services portfolio for industries such as retail, transport, warehousing, healthcare and logistics.
- ◇ Providing RFID based Asset Tracking for over 20 years.

### Challenge

- ◇ Advent of Android / iOS based rugged devices rendered their legacy software from Win 6. / CE / Embedded Edition / PocketPC rugged devices useless.
- ◇ Android / iOS rugged devices were cheaper vis-à-vis traditional rugged devices, so they had to make a strategic move to new platforms.

### Idea

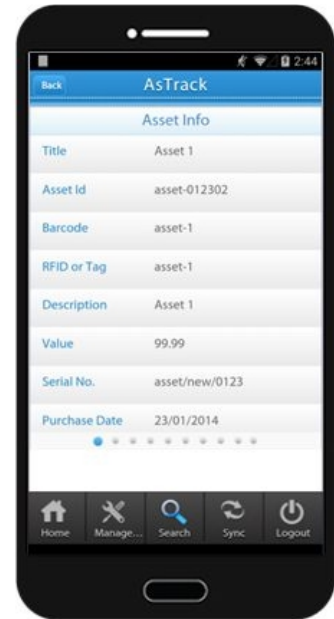
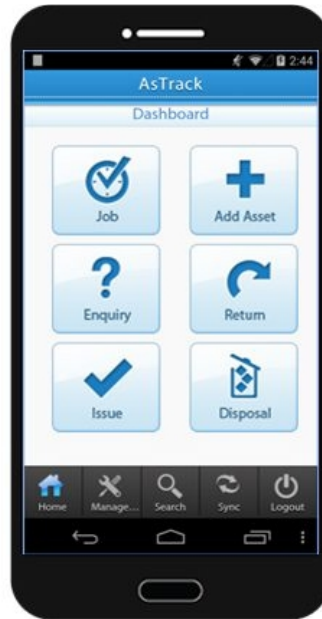
- ◇ Re-engineer the existing software developed in bits and pieces over a decade to embrace Smartphone mobile platforms.
- ◇ Develop the system in a multi-tenant SaaS model so that they could white label the solution and create a software product revenue stream.

## Our Solution

- ◇ Productized the existing offering on SaaS model with ability to control feature sets for client installations.
- ◇ Designed and developed a Cross Platform application to embrace the modern Handheld Devices, SmartPhones and Tablets while utilizing device capabilities for NFC, RFID, QR & Smart Tags interfacing.
- ◇ A Java based multi-tenant SaaS web application was designed to scale on Amazon Web Services infrastructure.

## Technologies Used

- Honeywell Captuvo Sled
- Android based Intermec / Psion devices
- NFC Tags / RFID Readers
- Phonegap
- Zbar / Zxing
- Java / MySQL



## About Mobile Pundits

Mobile Pundits is an ISO 9001:2008 Certified, leading provider of end-to-end Mobile Development & Testing solutions.

Since over 15+ Years now, Mobile Pundits' expert team has been helping our Clients with:

- ◇ Enterprise Mobility Strategy & Consulting
- ◇ Mobile Application Development
- ◇ Mobile Product Development
- ◇ Mobile Application Porting
- ◇ IoT (Internet of Things)
- ◇ Cross Platform Development
- ◇ Responsive Web Design & Development
- ◇ Mobile Testing

Our areas of expertise include:



15+ Years

of Mobile Development

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