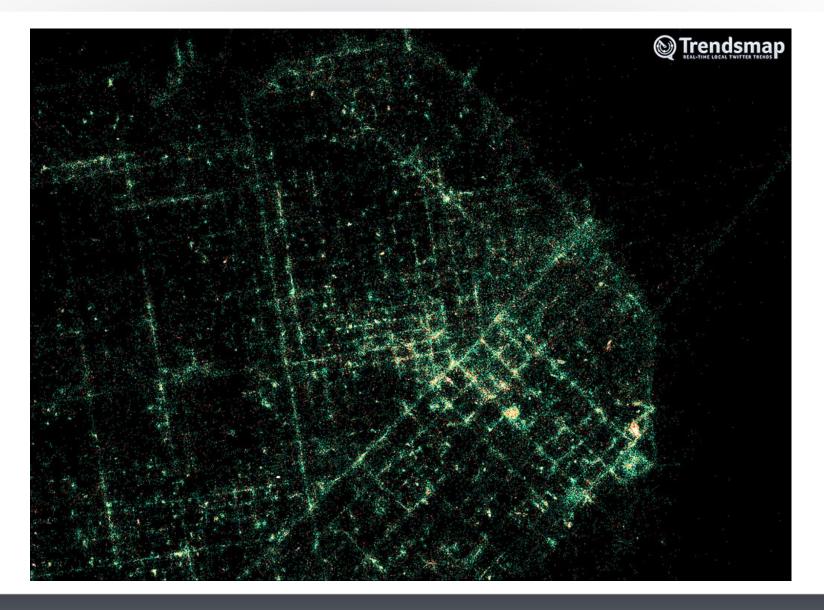


## NextNav, LLC

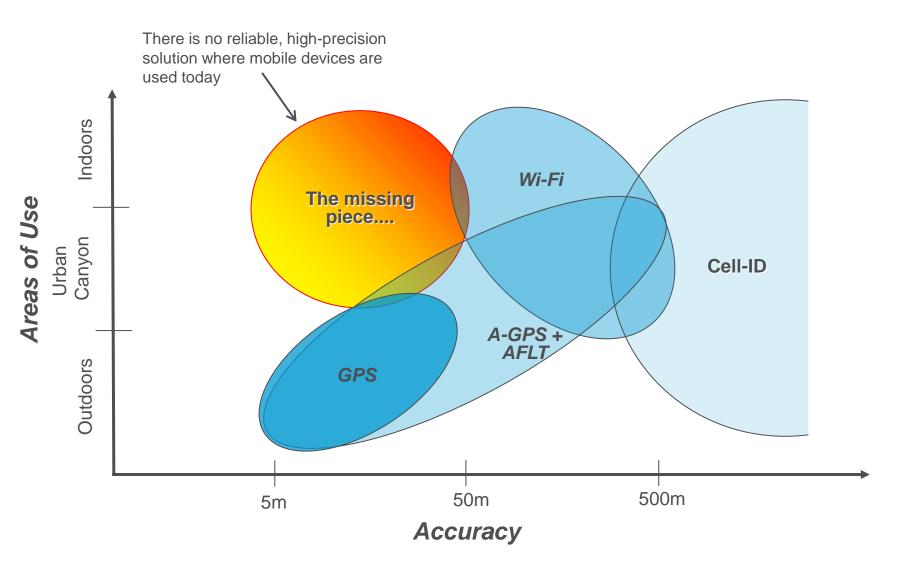
High Precision Urban and Indoor Positioning Services

July 18, 2012

## What's Wrong with This Picture? NextNav



#### Positioning Technology State of Affairs NexTNav



# What Is The Ideal Solution?

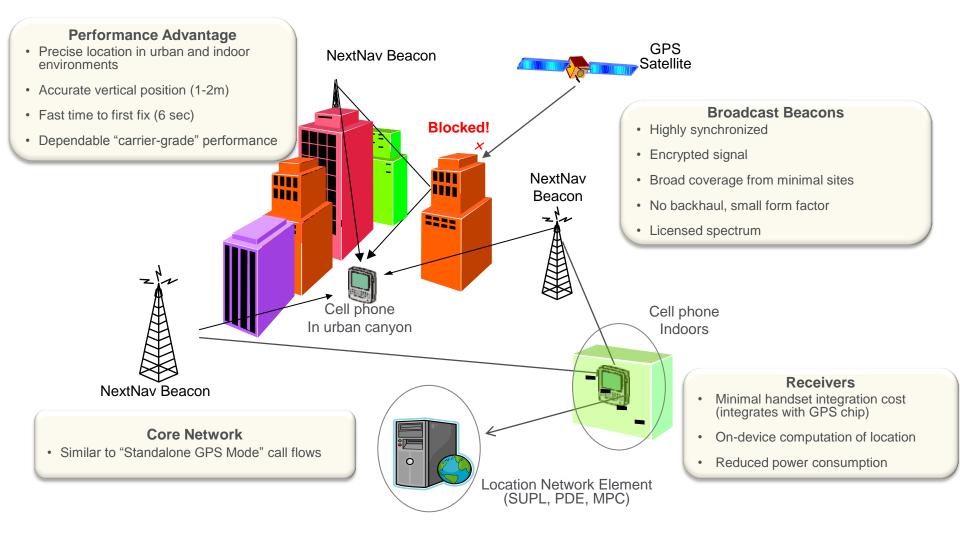


- High accuracy in urban and indoor environments
- High reliability, high yield and pervasive coverage (ubiquitous scale)
- Low time to first fix and reduced power drain
- On-device location computation (personal privacy)
- Minimal device, core network impact and application impact

A network of high-power GPS satellites on the ground would satisfy all of these requirements

#### **NextNav Metro Overlay Network**





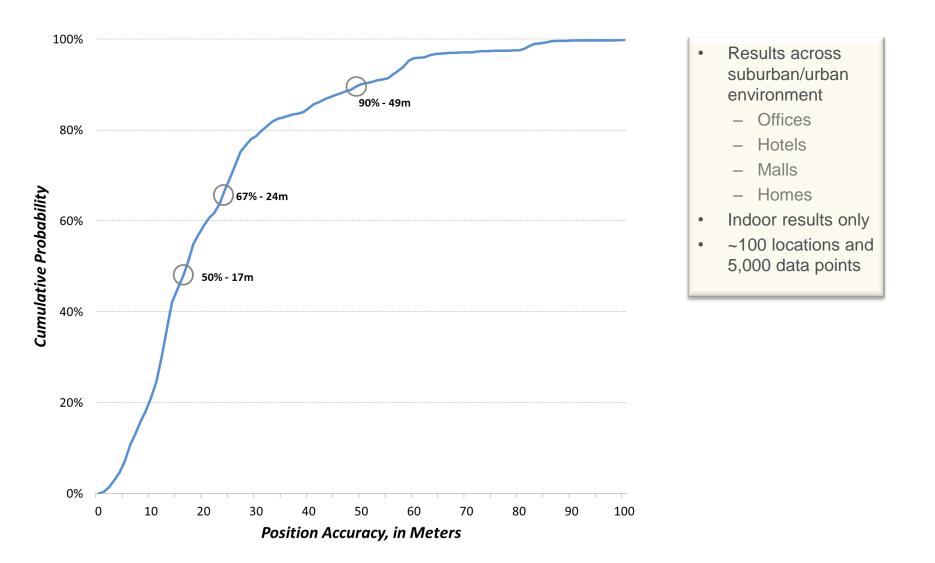
### **NextNav Test Area**





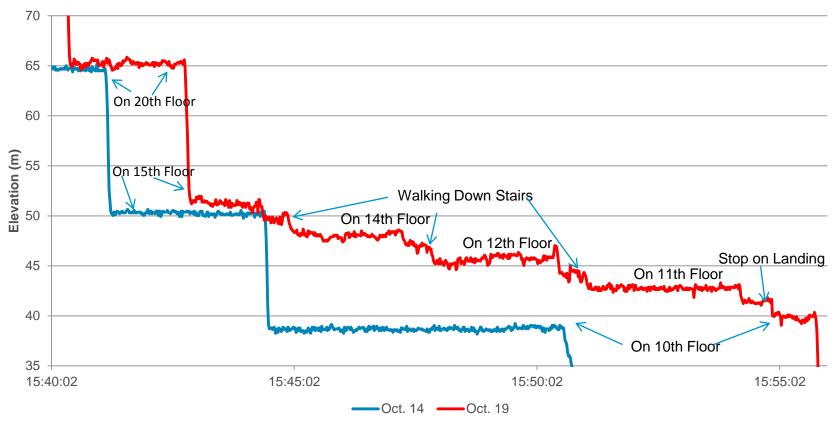
### **Indoor Accuracy Performance**





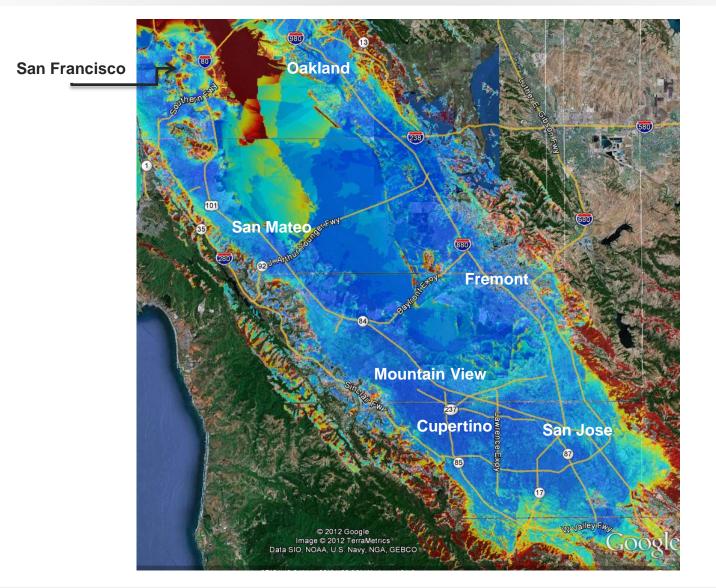
#### **Height System Performance**





NextNav

#### San Francisco Initial Market Coverage







## **Summary**



- NextNav is deploying a revolutionary wide-area positioning system
  - Fully managed network brings high-precision, reliable location indoors
  - Underlying technology requires minimal chipset and device integration
  - Encrypted signals allow management of access to technology
- Commercial mobile services and devices are increasingly dependent upon location
- The location needs for E911 have outgrown "outdoor only" regulatory regime
- NextNav brings "carrier grade" ubiquity, reliability and accuracy to location