Geospatial Transforming Health & Well-Being – Opportunities For Future Entrepreneurs
India – Healthcare

• Strong Policy Support
  – Expected to grow from USD110 billion to USD280 billion by 2020
  – Government emphasis on eHealth
  – Increase in expenditure (both public and private players)
India – Healthcare

• Challenges in HealthCare sector
  – Resource shortage (Manpower, Infrastructure)
  – Paper based or Obsolete/Legacy IT systems
  – Inconsistent data standards
  – Delivery of healthcare services to rural/remote areas
India – Healthcare

• Opportunities
  – Large Investments
  – Leverage ICT to improve delivery and reduce cost
  – Strong potential for impact
Geospatial Analysis

• Large amount of data can be captured using IOT/wearable devices
• Collaboration between different data sets
• Big data and geospatial analytics based solutions for rapid and accurate detection and treatment
• Improve outcomes and impact of programs
Case Study - National Survey on HIV/AIDS

- HIV/AIDS among HRGs
- 300 districts across India
- 200,000 respondents
- Offline data collection in remote areas
National Survey on HIV/AIDS
## National Survey on HIV/AIDS

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National Survey on HIV/AIDS
Outcome

• Transparency in data capture
• Real Time alerts - Monitoring and Data Quality
• Nationwide sample selection time reduced from 6 months to a few days
• 25% reduction in sample size
• Survey Report covering 30 states was done in 3 months against 2 years for previous survey