

icePAK

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Problems

Vaccination

- Over 3 million vaccine preventable deaths annually, mostly children. The recent resurgence of Polio is particularly troubling
- Vaccines require complex national chains of refrigeration facilities
- Inability to properly store vaccines can impact distribution

Cold Chain & Data

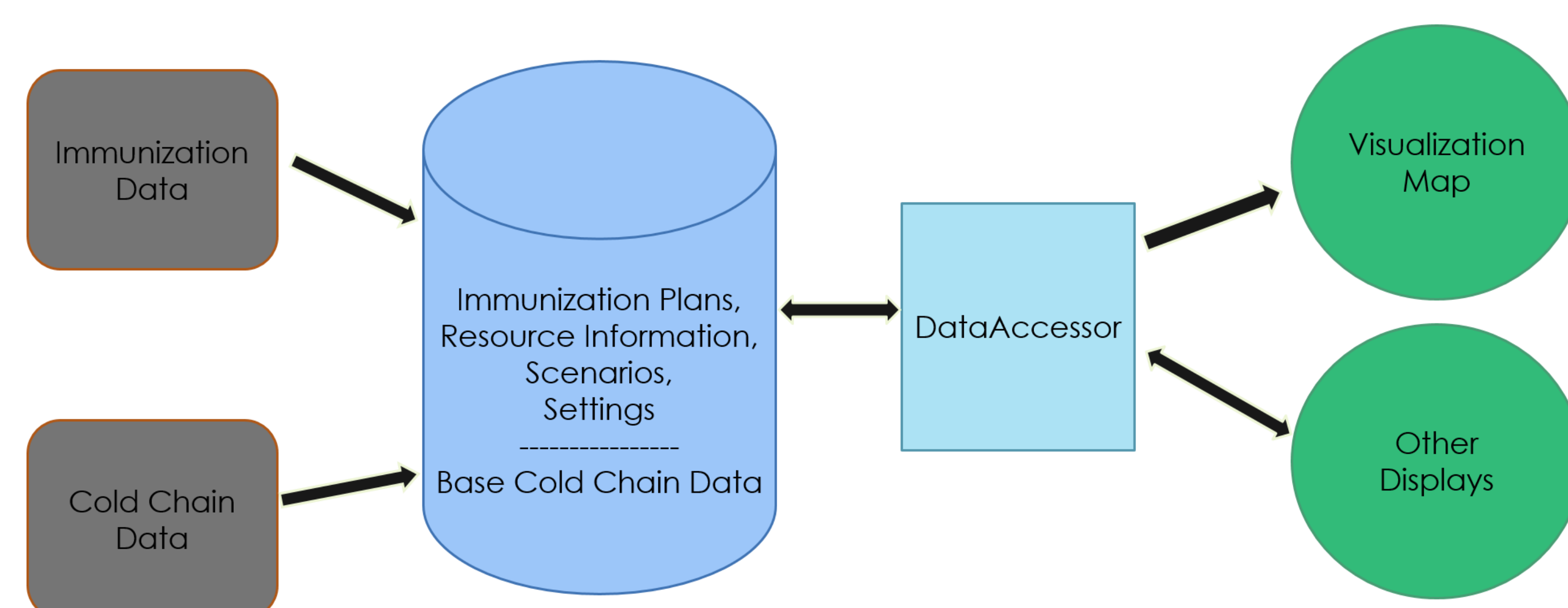
- Many regions are undersupplied, especially in emergency situations
- Data is presented in a large excel file, difficult to reason about and consume
- Problem areas not easily identified

Solution

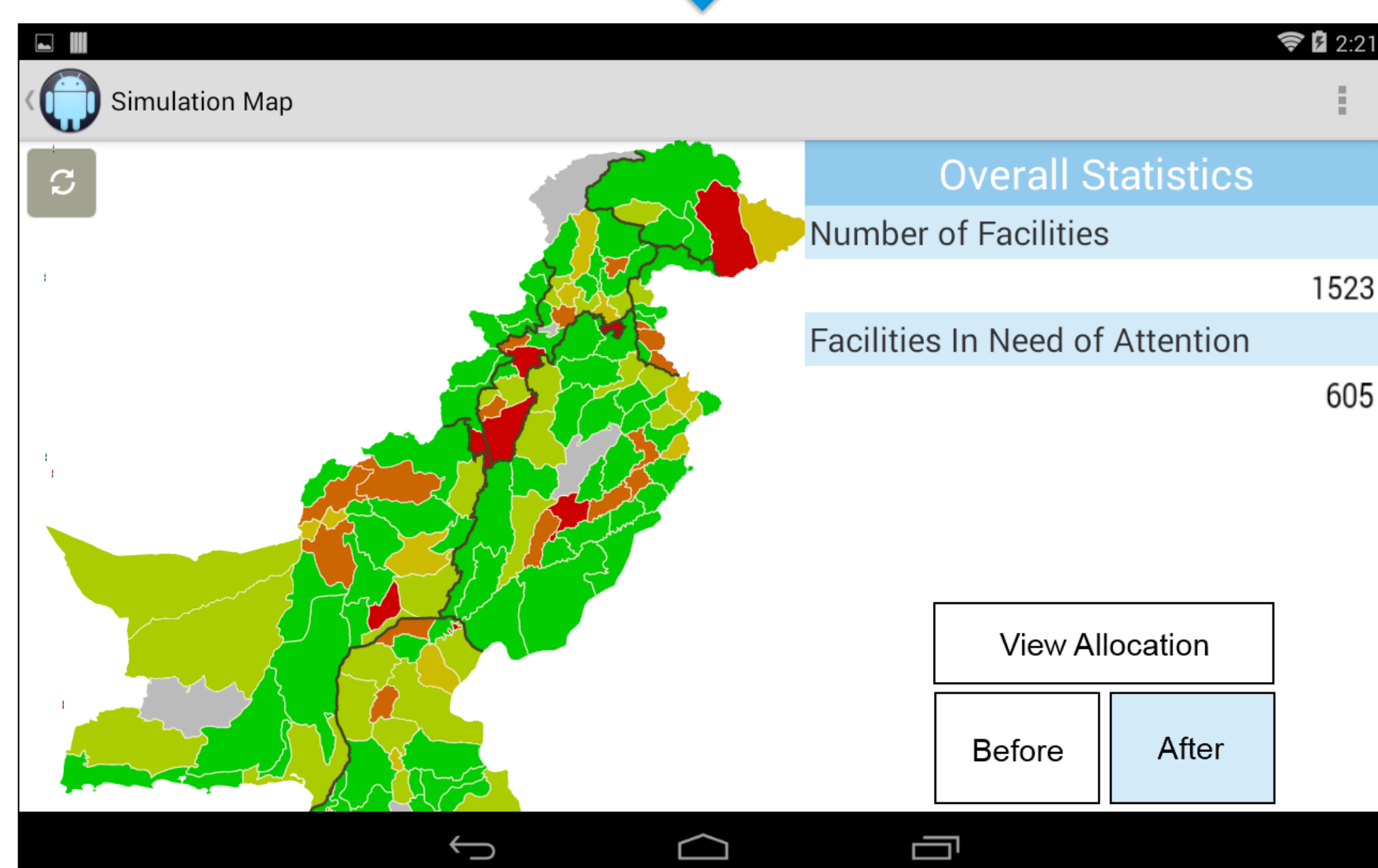
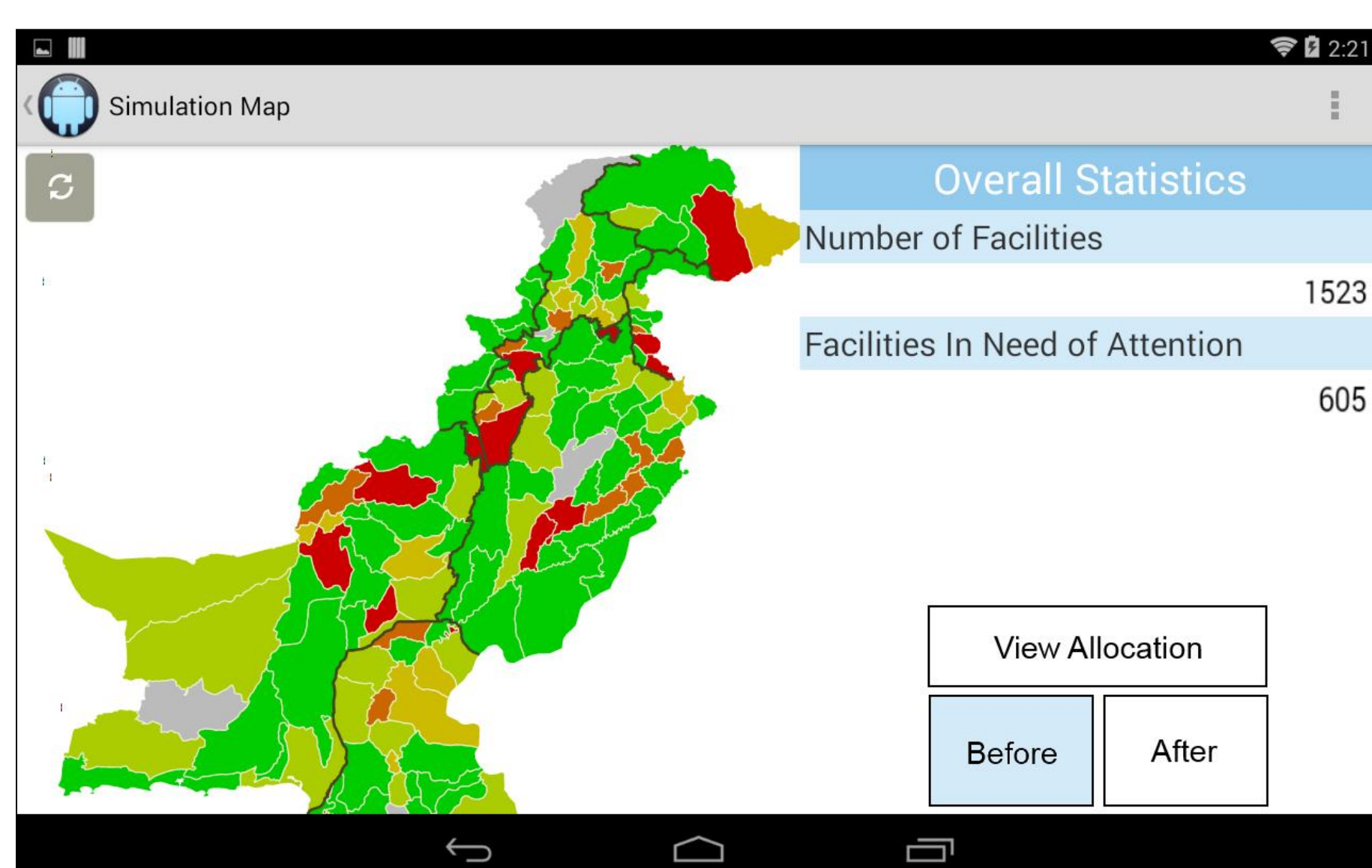
Data Visualization Application

- Mobile Android app
- Easy to consume
- Easy to update
- Problem areas highlighted
- Recommendations for future resources

Architecture



Allocation Simulation



Data Exploration

