PUBLIC HEALTH / NHS

National Healthcare Response & Vaccine Rollout

Real-time health data integration improved outbreak response and vaccine delivery.

OVERVIEW: National health authorities needed to integrate hundreds of live data streams to manage outbreaks, hospital capacity, and vaccination programs at scale. Using Foundry, data from labs, hospitals, and logistics networks were unified to provide a single operational view.

CHALLENGES:
- Fragmented data across agencies and systems.
- Limited real-time visibility into capacity and supply.
- Manual coordination slowing response times.
- Inconsistent data quality and governance.

SOLUTIONS: Foundry ingested, cleaned, and harmonized live feeds from national and local systems, enabling dashboards for outbreak tracking, hospital utilization, and vaccine distribution. Health leaders used this to allocate resources dynamically and coordinate logistics across the country.

OUTCOMES

Improved decision-making speed across agencies

Streamlined logistics

Increased vaccination throughput and reduced wasted doses