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# COVID-19 Vaccine Management Solutions Portfolio

Getting to 'good enough' to talk with customers about Vaccine Management



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## About

# Vantage Health Technologies

**Vantage Health Technologies** is part of BroadReach Group, a global social enterprise combining cutting-edge AI technology with deep health expertise to improve lives around the world.

## Our vision

A world where access to **good health** enables people to flourish.

## Our mission

We harness health technology and innovation that **empowers human action**.



# The Challenges for Low Middle Income Countries (LMIC)

## Background

- The world is dealing with global pandemic, with 100+ million people infected and over 2 million deaths.
- Scientific community has generated an unprecedented response creating multiple candidate vaccines within 9 months.
- COVAX established to provide finance and procurement mechanisms to ensure equitable access.
- Global supply chain is shifting to ensure 3 billion people in Low and Middle-Income countries (LMIC's) have access to the vaccine.

## The challenges

- Ensuring the vaccines arrive in a country and survive through the “last mile” to ultimately be administered to patients, in many cases not once but twice (single vs double dose vaccines)
- Ongoing presentation of new variants may require a different approach
- Intrinsic social problems and community hesitancy and distrust
- Inconsistent data and registries, lack of up-to-date data
- Under-resourced and often ill-equipped workforce
- Remote communities that are difficult to access
- Ensuring scarce resources can be in the right places at the right time
- Implementing the vaccine quickly, consistently and at scale across all relevant providers and associated facilities

**This presents a staggering challenge for LMICs who have limited resources And infrastructure and are not equipped to address this challenge.**

# Solutions Portfolio: COVID-19 Vaccine Management

How do we protect our population from COVID-19 by better managing our healthcare resources in real-time?

## Demand Management



Community Outreach



High Risk Populations



Surveillance Mapping



Adverse Event Reporting

## Supply Management



Workforce Management



Real-time Performance Management



Stock Visualization



Executive Oversight

## End-to-End Decision Support



- Data uptake, integration and interoperability across multiple data sources
- Automated data quality assurance
- Virtual data lab for research and ad hoc analyses
- Enterprise-wide decision-making support
- Best practice workflows for healthcare workers