



➔ *ICTs help community health workers deliver healthcare in low-resource settings.*

## Health

**Vital Wave provides ICT solutions that lower costs, increase efficiencies, and improve delivery of health care in the developing world.**

Improving health outcomes is a major priority for many development organizations. They are partnering with a diverse array of developing-country governments, healthcare companies, and implementing partners to provide quality care in a shifting health landscape. In many cities, chronic disease rates are rising in tandem with economic development, while infectious diseases remain prevalent in rural areas. Successful strategies for improved healthcare address these challenges through creative funding models, strengthened infrastructure, better supply chain and service delivery channels, and increased public information on disease prevention and treatment.

Funders and government health officials are investing in new business models and information and communication technologies (ICTs) to improve healthcare. ICTs can transform healthcare delivery by providing healthcare workers, patients, national and local government agencies, and other healthcare organizations with better information and tools. These tools can lower costs, increase efficiencies, and improve care. However, implementing technology solutions is not a core strength of most development or health organizations, or their government partners.

Vital Wave is a recognized leader in designing and implementing electronic health (eHealth) and mobile health (mHealth) solutions for developing countries.<sup>1</sup> The company has teamed with the Bill & Melinda Gates Foundation, Johnson & Johnson, the UN Foundation, and national governments to develop and implement sustainable eHealth and mHealth programs.

<sup>1</sup>eHealth is the use of technologies such as computers, mobile phones, satellites, applications, information systems and digital platforms to enable, support, and deliver health services. Mobile health, or mHealth, is a subset of eHealth in which health services are provided through devices such as mobile phones, PDAs, tablets and laptops.



## KEY PROJECTS

- » Expansion Strategy and Implementation Support for a Health-focused Call Center
- » Assessment of Comprehensive Patient Record System in Africa
- » HIV/TB Data Systems Evaluation and Consolidation in South Africa
- » Integrated Digital Payments for Health and Financial Services in Nigeria
- » mHealth Alliance Organizational Development

Vital Wave's services cover all phases of a project lifecycle, from *Strategy and Advocacy*, to *Implementation and Management*, and *Optimization and Institutionalization*. Past health engagements allowed clients to extend the reach, utilization, and measurable impact of health programs through scaled ICT solutions. This includes work to:

- ▶ Strengthen patient records systems and consolidate siloed data systems for increased efficiencies and better decision making
- ▶ Develop mobile health applications for community health workers
- ▶ Develop national health development frameworks
- ▶ Improve delivery of health and pharmaceutical products and services
- ▶ Optimize a foundation-supported call center that provides reproductive health and family planning programs
- ▶ Institute digital payment systems for health and other sectors

Vital Wave brings deep ICT and business development experience in both developed and developing countries to its health and pharmaceutical practice. This experience includes:

- ▶ Strategic development and management of eHealth and mHealth programs for leading international organizations and government partners
- ▶ Evaluation of health technology landscapes – including mHealth and Health Information Systems
- ▶ Institutionalization of digital health systems and tools in rural healthcare networks
- ▶ Field experience in urban and rural communities in developing countries
- ▶ Knowledge of medical technology adoption patterns in developing countries
- ▶ Ideation and design of biomedical technologies for emerging markets

Contact Vital Wave or visit [vitalwave.com](http://vitalwave.com) for relevant case studies or free copies of useful health industry reports.

## About Vital Wave

Vital Wave provides end-to-end services to scale information and communications technology (ICT) solutions for socioeconomic impact in developing countries. The firm works with multiple stakeholders to deliver technology solutions that amplify the reach, uptake, and efficiency of development programs. Vital Wave draws on a full range of enterprise-level ICT implementation capabilities, proven methodologies, and decades of field experience in developing countries to achieve sustained growth at scale.