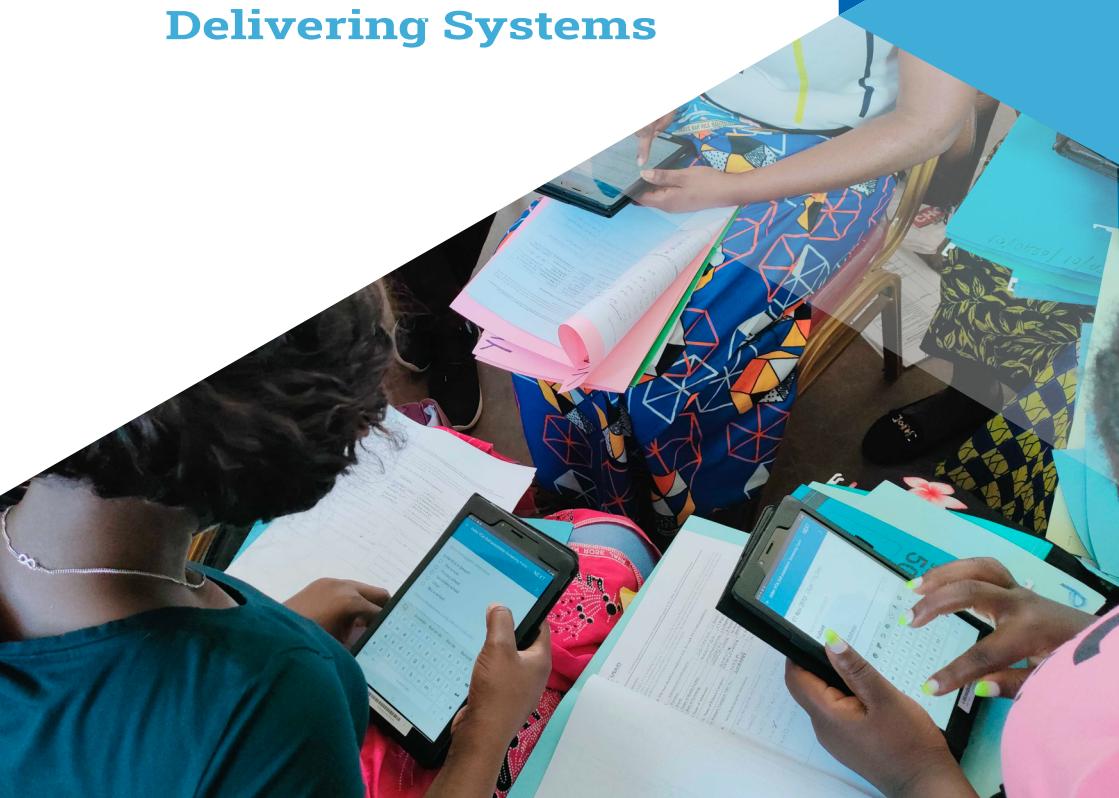


BlueCode

Delivering Systems



About Us

BlueCode Systems is a Zambian-owned software services company that specializes in creating locally sustainable software solutions. Leveraging strong relationships with government bodies, local technical service providers, and other partners, We build user-friendly and resilient systems that align with standardized guidelines. Our focus on offline-first design and extensive data visualization tools ensures minimal daily technical management, making us a leading choice for software solutions in the region.

What We Do

HEALTHCARE SYSTEMS DEVELOPMENT & SOCIAL SERVICES ENHANCEMENT:



- Development of healthcare and social services solutions.
- Supporting systems for vulnerable populations, cervical cancer control, immunizations, family planning, and Gender-Based Violence victims.

ECONOMIC EMPOWERMENT & FINANCIAL INCLUSION:



- Focus on digitizing savings, loans, and SME business processes.
- Creation of platforms for financial tracking, hierarchical procurement approvals, and management, with an emphasis on efficiency and accessibility.

TECHNOLOGY, SOFTWARE DEVELOPMENT EXPERTISE, TRAINING & DATA MANAGEMENT:



- Comprehensive end-to-end software development, including stakeholder consultation, development, quality assurance, training, and user support for deployed systems.
- Focus on data collection, secure management, and innovative technology, catering to diverse clients.
- Systems are easy to use, offline-capable, and designed for low-resource environments.

GOVERNMENT COLLABORATION & STANDARDIZATION



- Collaboration with government bodies and adaptation of global guidelines to the local context.
- Influencing data policies and promoting system standardization and interoperability.

SCALABILITY AND MAINTENANCE



- Modular solutions that adapt from small to large-scale projects
- Containerization and microservices for scale, resilience, and minimal downtime supported by 24/7 Monitoring.

Highlighting

Key Projects and Contributions

MCDSS Case Management System (2022-2023)

- o Nationwide social services case management system
- o Support towards systems governance
- o Integrated Android/Web platform with dashboard visualization reports

Women Empowered (WE) Program (2022-2023)

- o WE-eLedger App for group loan activities
- o Loan monitoring and tracking
- o Offline capable application

USAID MTaPS Program (2022-2023)

- o Electronic management of family planning supplies in Luapula province
- o Iterative development and releases.
- o Offline capable logistics tracking platform

WHO New Antenatal care Model for Africa and India (NAMAI) (2021-2024)

- o Local adaptation of WHO Digital Adaptation Kit for Antenatal health care
- o Iterative development and releases.
- o Extensive coverage of all Antenatal information

USAID ECAP II eCMS (2021-2025)

- o Large-scale Case Management System
- o Deployed to 600+ caseworkers, 100,000+ beneficiaries
- o Offline capable application, dashboard visualization reports

Cervical Cancer Control MIS - SmartCerv (2018-2019)

- o Nationwide cervical cancer control system
- o User/expert training manuals, open-source software
- o An Offline capable application, dashboard visualization reports

Zambia U-report (2015-2023)

- o Country-wide SMS system (counseling, polling, reporting)
- o 240,000 users, 6,000,000 messages per year
- o AI-augmented service & managed a pool of counselors

Zambia Electronic Immunization Registry (2017-2024)

- o Support childhood vaccination and growth monitoring workflow
- o Integration with SMS Vaccination tracking system, DHIS2
- o End-to-end hosting and maintenance

Introducing BlueCode's System Development Approach

BlueCode Systems Limited focuses on delivering exceptional and reliable solutions while prioritizing stakeholder engagement and meeting project deadlines without compromising quality. Our Hybrid software development methodology combines the best of waterfall and agile models to create a system that meets clients' needs and expectations.

Our six-step development process includes:

- 1. Project Inception:** Establish direction, goals, communication channels, and responsibilities.
- 2. Requirements Analysis and Validation:** Collaborate with stakeholders to define system requirements, roles and workflows.
- 3. System Design:** Create a comprehensive design with user access, data flows, and system interactions.
- 4. System Development:** Implement and test the system for functionality, usability, and user requirements.
- 5. User Acceptance Testing (UAT):** Evaluate the system's functionality and gather user feedback for improvements.
- 6. System Deployment:** Ensure compatibility, optimal performance, and regulatory compliance in a live environment.

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