25 YEARS - A LEGACY OF KNOWLEDGE
1998 - 2023

DataVision International
ICT, RESEARCH & STATISTICS, PAYMENTS AND CARDS SERVICES

CHANGING LIVES IN AFRICA WITH QUALITY DATA

SINCE 1998

WORD FROM OUR CEO
MWAIJONGA, G MACLEANS

Information and Communication Technology (ICT) playground in the new economy is characterized by a broad range of challenging, state-of-the-art innovations. Hence, it is no longer an option for institutions to continually audit their operations, which include business process improvement and setting up more core-focused, realistic and far reaching strategies meant to facilitate the achievement of the highly desired competitive advantage without employing current technological solutions.

It is for those reasons that DataVision International has always remained proactive in offering user-driven consulting services to enable clients improve their business processes. Our services mainly focus on adding planning, decision making and knowledge creation. For over a decade now, DataVision International has accomplished multi-subject consultancies for customers ranging from government ministries, departments and agencies, international organizations, banking, MFIs and financial institutions, private companies, to mention a few.

These assignments, which are of ranging magnitude and complexities, have played an imperative role in our process of creating a unique track record of performance. This, not only demonstrates our practical competence and experience, but it also gives us an undoubted ability to implement solutions in a way that ensures customer satisfaction and meets their expectations.

We work with a **"Customer First, Open Mind"** philosophy. This relates to our implementation process which makes our clients an integral part of our activities to ensure effective capacity building and transfer of knowledge.

Welcome to DataVision International, where Experience, Knowledge, Expertise and Integrity collide.

OUR STORY

DataVision International Limited is a professional consultancy firm with its headquarters in Dar es Salaam, Tanzania. The company, founded in 1998, offers consulting services in Research and Statistics, Information and Communication Technologies (ICT), Payments & Cards Services, and Professional Training.

Research and Statistics at DataVision International has a wide-ranging expertise in undertaking complex quantitative and qualitative baselines, monitoring and evaluation studies and surveys. Our expertise includes hypothesis and concept development, designing, and implementation (planning, sampling, recruitment, training, field and remote data collection and entry, data processing and analysis, report writing, dissemination and learning) in various fields of research such as education, health, water including WASH, etc. and vast experiences in enumerating in health facilities, households, schools, communities, businesses, and government offices.

Through our in-house ICT expertise, DataVision International has developed a number of mobile applications for gathering data and/or information online and offline as well as operating a Data Call Centre for data collection using mobile phones.

300+
DATA COLLECTORS
in the DataVision database

200+
SURVEYS
designed and implemented

100+
CLIENTS
served in the last 25 years

OUR CORE VALUES

DataVision International was founded following the evidenced need of complementing knowledge and experience between the public and private sector, especially in using appropriate technologies to achieve the desired operational efficiency. This was also meant to help institutions to focus on their core services.

It is on the same need for complementing knowledge and experience that our Vision, Mission and Core Values are based. This knitted-working has always resulted into achieving the desired results.

Mission
To deliver leading-edge, customer focused, sustainable and affordable consulting solutions.

Vision
To positively contribute to performance improvement using appropriate technologies.

Core Values
Knowledge, Experience, Dedication and Professional Integrity.

OUR TEAM

DataVision employs qualified and experienced professionals with competences that correspond to our core services. Thus, the company has professionals in the disciplines of computer/software engineering, statistics, research, web/mobile technologies project management. We also have support staff who undertake services relating to systems maintenance/administration, data collection and data processing (data entry, data cleaning and analysis) which amounts more than 300 people.

Additionally, DataVision has a huge network of fieldwork staff in all regions of Tanzania. We also have system hosting environment (connected to a fast internet link) and data processing facilities, which include data servers, tablets for data collections, computers (PCs and laptops) for data entry and document scanners.

PARTNERSHIP

DataVision has strong working and relationship ties with the government agencies, NGOs, as well as with many local and international firms, among others:

TRAINING

During training workshops, Team Leaders, Supervisors, Enumerators and Quality Checkers get trained by DataVision in collaboration with the clients to understand the study context and tasks at hand. All of the training workshop packages include classroom-based instruction, in-depth hands-on practice, trainees' real time performance assessments and tools & process piloting.

PLANNING

In planning, DataVision takes the lead role in developing a comprehensive work plan for the study in question, application and processing of relevant ethical approvals and permits from respective national research review institutions as well as permissions from relevant local level authorities, recruitment of competent field staff, organizing fieldwork logistics, determining route maps, determination of number of field days and finalization/creation of tabulation and analysis plan inclusive of reporting and dissemination steps.

DataVision maintains a large database of multi-skilled, experienced field staff (supervisors, interviewers and data quality checkers) with seasoned experience in both urban and rural settings of Tanzania, and who have been working with DataVision for more than fifteen years now.

DESIGNING

More often than not, clients involve DataVision in the studies and surveys to be undertaken from the design stage. It includes involvement in research justification (rationale), adaptation of research methods to local context, identifying and optimization of target population, support in the sampling procedures, developing and/or reviewing of the research instruments, creation of tabulation plan as well as involvement in creation of analysis, reporting and dissemination strategy.

DATA COLLECTION

Completion of training workshop sessions, tools & process piloting and logistical preparations pave the way for the start of data collection, which involves preparing clear protocols and guidelines for each component of data collection which can be field, physically based, or remotely through call centre and/or desktop/mobile phones.

The size of field teams that are recruited in a study depends on factors like average duration of the interview, sample size, and number of rounds of the survey. Since data gets uploaded onto the DataVision Server on the same day of gathering, DataVision teams at Headquarters review collected data on a daily basis and share feedback with data collection teams for clarification, rectification and improvements before the enumerator shifts to another study unit. Quality control is a key ingredient across all our research work.

DATA MANAGEMENT

Once is collected, it is uploaded onto the online server in real time. Raw data gets exported to CSV format and other statistical packages such as SPSS & STATA for cleaning, processing and analysis. Data processing is followed by preliminary analysis of results in SPSS.

DISSEMINATION

After completion of data collection phases, DataVision submits complete data sets and the different required reports to the clients. Presentation of results in different formats (reports, visual presentation, dashboards, print, GIS, maps, etc.) is the final service in DataVision's portfolio for research projects.

OUR SERVICES

3 TRAINING
Training of Data Collectors,
Conducting Pilots,
Quality Assurance Procedures

4 DATA COLLECTION
Field-, Phone-, Web-based
data collection,
Quantitative & Qualitative Data,
Geospatial Data,
Quality Assurance Procedures

2 PLANNING
Work Plan,
Ethical Clearance & Permits,
Fieldwork Logistics,
Staff Recruitment,
Analysis & Dissemination

5 DATA MANAGEMENT
Secure data Storage,
Data Processing,
Data Analysis,
Quality Assurance
Procedures

1 DESIGNING
Research Justification,
Local context adoptation
Target population optimization,
Sampling,
Developing research tools,
Tabulation plan,
Analysis &
Reporting Strategy

6 DISSEMINATION
Report writing
Presentations
Dashboards
Geo-Information Systems
Maps

MONITORING, EVALUATION & LEARNING

FIELD DATA COLLECTION

DataVision has an in-depth experience of conducting Research and Surveys using a range of skills depending on the client's requirements from full conventional approaches to web-based and mobile surveys. Therefore, technology-assisted Data Collection Tools assist in minimizing the errors, which are associated with paper-based data collection approaches and have proven to save more time due to its seamless flow of data from the field to servers hence eliminating the data-entry phase.

WEB DATA COLLECTION

TIKITI is a paperless data collection application, developed by DataVision based on vast experience in conducting data collection in almost every village in Tanzania inclusive of very remote and hard to reach locations.

TIKITI

TIKITI combines mobile and web technologies to provide a platform for clients and partners to develop, implement and monitor data collection activities in Tanzania from anywhere in the world.

What is Tikiti Do?
Capture and Enter Data Simultaneously, Automated skip and logic patterns, Built-in validation check and Downloading new/updated questionnaires.

Benefit of Tikiti
- Online and Offline Access
- Login Credential Requirement
- APK Version Access
- Real-time Data M&E
- Limited Internet Algorithms

PHONE DATA COLLECTION

Our Data Call Centre is a service designed to handle calls by our specialized staff for data collection. This kind of outbound solution is based on the integration of centralized web and mobile technologies. Data Call Centre offers institutions accurate and exact data about their target audience allowing them to decide confidently on the next move for their business survival or continuity.

This low-cost and highly efficient tool for collecting data is currently being used by several organizations to collect information from their targeted audiences.

"On behalf of our team, I'd like to offer our sincere thanks for your efforts in completing the work and for the high-quality data you have produced. I have been very impressed with DataVision's attention to detail and commitment throughout the assignment, and I sincerely hope that we will have the chance to work together again soon."

Ron Wendt
Research Scientist, International Programs, NORC at University of Chicago

PRACTICE AREAS

DataVision International has more than 20 years' experience of implementing data-related services including quality driven data collection for baseline, follow-up surveys for randomised control trials with complex treatment arms in different sectors. DataVision International has also been involved in implementing programme evaluations using our research experience, technical expertise, institutional and field knowledge. DataVision International has significant experience in designing and implementating surveys that provide data to understand pre- and primary education, water, sanitation, hygiene (WASH), health services, and other sectoros and assist in formulating policies and strategies to enhance them.

Education · Health · WASH

OVER 200
PROJECTS ACROSS TANZANIA AND GLOBALLY...

- ● Education projects
- ● Health projects
- ● WASH projects
- ① Number of projects per sector
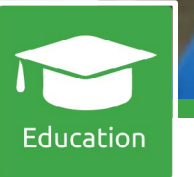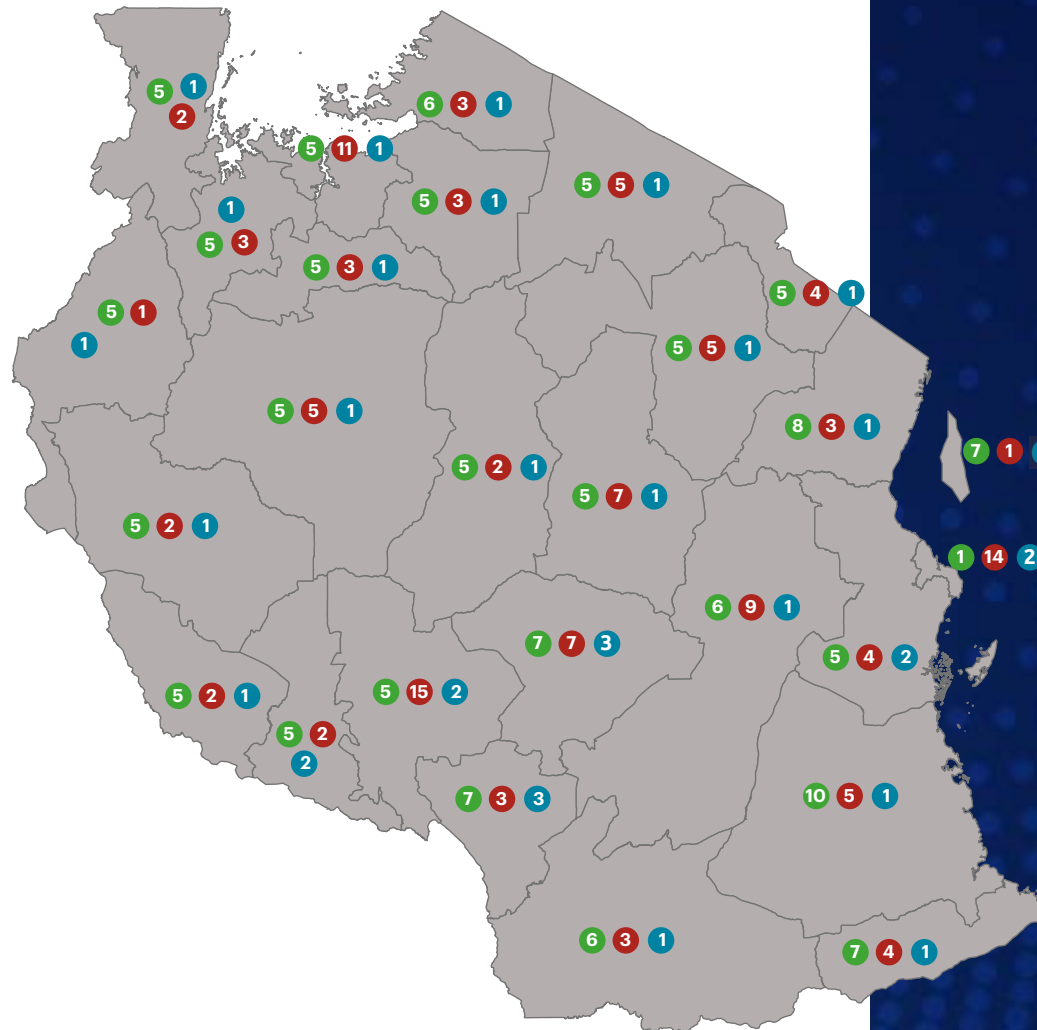
EDUCATION

During the last nine years, DataVision International has executed a significant number of surveys focusing on Early Grade Reading Assessment (EGRA) and/or Early Grade Math Assessment (EGMA) methodology in Tanzania ranging from district, regional to national levels. DataVision International boasts intensive and extensive experience in conducting EGRA/EGMA to students in schools or children in communities. All data collection during these surveys were conducted either with Tangerine or with Tikiti, a DataVision International in-house build android and web based application. Therefore, DataVision International has experience in management of EGRA/EGMA undertakings and has a portfolio of Early Grade Learning experts and data collectors for the assessment of students and teachers.

FEATURED PROJECTS

UNICEF (2023) - Data Must Speak Positive Deviance Research in Mainland Tanzania and Zanzibar.

FCDO THROUGH CAMBRIDGE EDUCATION (2023) - Shule Bora Baseline Study.

GEORGETOWN UNIVERSITY (2022-2023) - Data Collection for Big Results Now's DeliverEd Program Survey.

ROOM TO READ (2020-2022) - Monitoring and Evaluation of its Literacy Program in Tanzania.

AGA KHAN FOUNDATION (2014-2018) - Baseline, Midline and Endline Studies for SESEA project; Baseline of Elimu Bora Project's Baseline and School Readiness Assessments.

XPRIZE, UNESCO THROUGH RTI INTERNATIONAL (2017-2019) - Baseline and Endline EGRA/EGMA to out-of-school children in Tanga region, Tanzania.

UNICEF (2017-2019) - Tanzania National Measuring Early Learning and Quality Outcomes (MELQO) in Tanzania Mainland and Zanzibar Assessment.

USAID (2016-2021) - Co-partner in impact evaluation (baseline, midline and end-line) for "Tusome Pamoja" program in Tanzania.

USAIDS THROUGH RTI INTERNATIONAL (2013-2017) - National EGRA/EGMA and SSME, Baseline, Midline, Endline.

WASH

WATER, SANITATION & HYGIENE

In all of previous projects at DataVision International in the education sector, DataVision has always collected data on WASH, mostly through observations and assessments of the WASH infrastructures in schools and health facilities. However, over the years, we have also conducted projects specifically targeting WASH directly. For example, one of recent WASH related projects is the Payment by Results (PBR) survey. This was a Water Point Verification exercise that was conducted in all 26 regions of Tanzania Mainland for a time period of four years (2018-2022) whereby at the end of project, DataVision was able to collect data from 80,000 Water points. This project gave DataVision a lot of experience/knowledge in the water sector.

FEATURED PROJECTS

UNICEF THROUGH AAN ASSOCIATES (2023) - Mid-term evaluation ASWAR II program.

BORDA (2022) - Data Collection on Faecal Sludge Management (FSM) services in Dar es Salaam, Tanzania.

WATER.ORG (2022) - A Market Research study to understand the WASH market in Tanzania for the Tanzania Commercial Bank.

JICA THROUGH WATERAID TANZANIA (2021-2024) - Evaluation (baseline, midline, and end-line) of the JICA-funded project to improve sustainable access to wash services and good hygiene behaviours in schools and health facilities in tanzania.

RUWASA (2018-2021) WITH ECORYS UK HOSTED THE MULTI-STAKEHOLDER FCDO-FUNDED - Independent Data Verification of the Payment by Results scheme in Tanzania's Rural Water subsector.

UNICEF (2014) WITH RTI INTERNATIONAL - Conducted Data Provision of School Quality Assessment for Education and WASH.
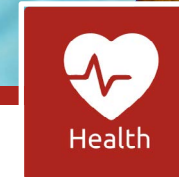
Health

HEALTH

DataVision International also has a wide range of experience in conducting heath related surveys. Our experience includes conducting baseline, midline and end line surveys that are health based. These surveys conducted over the years involved a range of health related topics. The topics include but not limited to client exit surveys, MAP FMCG surveys, household surveys, behavioral change, communicable and non-communicable diseases, family planning, maternal & child health and vaccination.

FEATURED PROJECTS

USAID THROUGH MAKING CENTS INTERNATIONAL, INC. AND NORC (2023) - USAID YouthPower2: Learning and Evaluation – Impact Evaluation of the First-Time Parents activity.

T-MARC (2021) - Measure of Access and Performance (MAP) of Fast Moving Consumer Goods (FMCG).

UNICEF THROUGH AAN ASSOCIATE PAKISTAN (2020-2021) - Evaluation of the Simplified Birth Registration System in Tanzania.

PSI TANZANIA (2016) - To undertake PSI Measure of Access and Performance of Fast Moving Consumer Goods (MAP-FMCG) in Tanzania by the use of Tikiti software.

PSI TANZANIA (2016) COLLABORATED WITH T-MARC - To undertake PSI Measure of Access and Performance of Fast Moving Consumer Goods (MAP-FMCG) in Tanzania by the use of Tikiti software.

> "Ecorys partnered with DataVision International on the four year UK aid project 'Independent Data Verification of the Payment by Results Scheme in the Rural Water Sub-Sector in Tanzania'. DataVision successfully completed data collection for four annual verification surveys, the largest of which verified 129,949 water points across Tanzania with a team of 124 enumerators over six weeks. During the COVID-19 pandemic, DataVision International managed to adapt to a remote survey of water points by interviewing village-level stakeholders over the phone. Over the four years of the project, DataVision International provided high-quality outputs, on time and to budget. We look forward to working with their team again!"

Amy Weaving
Senior Consultant, Ecorys International Development

OUR RESEARCH & STATISTICS TEAM IS FULLY DEDICATED WITH OVER 25 YEARS OF FIELD EXPERIENCE IN DIVERSE SECTORS

OTHER FEATURED PROJECTS

DEVELOPMENT GATEWAY (2016) - Provision of consultancy services for qualitative research on Results Data Inititiave (RDI) Tanzania focusing on government and donor staff in the health and agricultural sectors.

AIDDATA BY WILLIAM & MARY FOUNDATION (2017) - Conduct in-depths qualitative survey of high-level government leaders in health, finance and agricultural sectors.

CATALYST FOR GROWTH (C4G) SOUTH AFRICA (2020) - Co-implementers with SEDIT, NPC, Dalberg (Tanzania) and Buni Innovation Hub Tanzania conducted SADC SME Support Services and Products Market Research in Tanzania.

NORC AT UNIVERSITY OF CHICAGO (2021) - Collaborated with NORC to conduct targeted study on the role of customary land formalization in women's economic empowerment in Tanzania, for USAID Communications, Evidence, and Learning (CEL) Project.

OUR DUTY OF CARE

In the dynamic landscape of data collection, safeguarding our field staff is as crucial as protecting the data itself. The integrity of research and the reliability of insights rest on the assurance of a secure environment for data collectors in the field, ensuring the fortification of knowledge at every step of discovery

DataVision International has more than 20 years' experience in managing multi-industry, small and large-scale surveys inclusive of fieldwork implementation. We have a rich database of more than 300+ field staff that have been deployed in numerous surveys over the years. It is always a top priority for DataVision to take care of the field staff and to provide them with the highest duty of care. DataVision undertakes Duty of Care (DOC) as part of its responsibility and legal obligation to avoid acts or omissions to likely be a cause of harm to others.

DataVision practices DOC to ensure that all the personnel we work with are safe and that we abide by relevant legislation. DOC is practiced as a standard norm ensuring someone's actions are not reasonably expected to affect other people. At DataVision, DOC is particularly acknowledged whenever there is a relationship of power and authority between two people e.g. between survey manager and an enumerator/call operator/interviewer. DataVision anticipates risks for our enumerators during data collection and takes care to prevent them coming to harm, especially during the COVID -19 pandemic.

In the context of COVID-19 where the virus spread across the globe (including Tanzania), affected all industries including the evaluation consultants, DataVision's DOC had to be adopted. DataVision practices the DOC prior, during and after the data collection with strict COVID-19 preventive measures to all personnel (call operators, enumerators, supervisors, DataVision management). DataVision as a responsible partner is committed to ensuring safety and security of everyone involved in evaluations and surveys, in the post COVID-19 context. DataVision resolves to identify associated risks and adapt field Standard Operating Procedures (SOPs) and protocols to minimize risks to everyone involved. The field SOPs/Protocols have been adapted from the Tanzanian government's recommendations that DataVision (including local consultants and partners) commits to follow as part of planned data collection activities. Moreover, the existing SOPs/protocols at DataVision may also be adapted/revised based on the projects and local context.

ICT CONSULTANCY SERVICES

The ICT (Information and Communication Technology) consultancy offers a wide range of services to help businesses and organizations leverage technology to achieve their business goals. We field an experienced team of technology consultants who can support businesses to redefine performance and successfully introduce new technology to enhance their operations to improve productivity, boost profitability and increase efficiency. Technology consultants identify pain points in client business and provide effective solutions to identified problems.

The specific services offered by our ICT consultancy vary in content and scope, and depending on the complexity of the desired solution, industry focus, and client needs. Below we highlight some of the common services our clients can expect:

IT Strategy and Planning: Development of a comprehensive IT strategy that is aligned with client's business objectives. The strategy is a roadmap for the future utilization of technology for business.

Digital Transformation: We assist organizations to transform their operations and embrace digital technologies by digitizing their processes, adopting digital solutions, and implementing emerging technologies like Artificial Intelligence (AI), Biometrics and Facial Recognition, and more.

IT Infrastructure Design and Management: Designing and managing client's IT infrastructure. This may cover data centers, networks, and servers. We will ensure that the infrastructure is secure, scalable, and aligned with business needs.

Cybersecurity and Compliance: We assist our clients to protect their data and systems from cyber threats. Our offer permeates through security assessments, penetration testing and risk management.

Software Development and Custom Solutions: We have experienced software development teams that create custom applications, websites, and software solutions tailored to a client's specific requirements.

Data Analytics and Business Intelligence: This service involves collecting and analysing data to extract valuable insights for better decision-making. We support clients implement data analytics tools and develop business intelligence solutions.

Project Management: We provide project management services to ensure that technology initiatives are completed on time and within budget.

IT Support and Maintenance Services: We offer ongoing IT support and managed services for c;ients. This service cover helpdesk support, maintenance of IT systems and related services.

Vendor Selection and Management: We assist clients in selecting and managing technology vendors, negotiating contracts, and ensuring that vendor solutions meet the organization's needs.

Disaster Recovery and Business Continuity Planning: We help clients develop plans to recover from IT disasters and ensure business continuity in the event of disruptions.

Mobile and App Development: We specialize in mobile app development, by creating applications for various platforms and devices.

PROFESSIONAL TRAINING

In view of the information pertained to skills dynamics in the Tanzania's labour force, there is a critical gap that the nation must address if it has to sustain the industrialization demands and accrue the benefits of becoming a middle-income country. DataVision International, being a local company that identifies its work with professional training – among others, intends to intervene by championing tailor-made professional and soft skills training programs in the selected fields of ICT, Statistics, Research, Management and Logistics/Transport.

The overarching long-term goal for the professional training department is to become a leader professional skills development provider in selected fields of ICT, Statistics, Research, and Management and Logistics/Transport.

This service targets personnel on high-level on-job, new job seekers and young consultants with tailor-made, hands-on training packages that will equip them with relevant capabilities to effectively deliver their primary professional functions. The premise of the program relies on the assumption that professional's on-job and new job seekers have good levels of attainment and qualifications from college/university especially in literacy, numeracy and science, and technical subjects but recognize that they are less capable of effectively delivering their job mandates.

DataVision International

ICT. Research & Statistics. Payments and Cards Services

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SOWING SEEDS FOR A SUSTAINABLE FUTURE FOR GENERATIONS TO COME