COMPANY PROFILE / 2026

Encap Data Solutions

Ideas into impact.

Practical data and technology solutions
for businesses, researchers and institutions.

Your ideas. Our expertise. Real possibilities.

DATA MANAGEMENT & ANALYSIS

WEB DEVELOPMENT & HOSTING

INFORMATION SYSTEMS

ICT SUPPORT & NETWORKING

www.encapdatasolutions.com

BLANTYRE, MALAWI | ESTABLISHED 2019

01 / WHO WE ARE

A practical technology partner.

Based in Blantyre and established in 2019, Encap Data Solutions helps people and organisations turn information and ideas into useful digital tools.

Encap Data Solutions (EDS), pronounced "N-cap", brings together expertise in data management and analysis, website development and hosting, information systems, computer support and networking. We work with businesses, researchers, healthcare providers, educational institutions and community organisations.

Our focus is on solutions shaped around each client: a website that communicates clearly, a system that supports daily work, or research tools that make information easier to collect and use. We combine technical delivery with practical training and personal support.

Our purpose

To be a trusted, long-term data and IT partner, delivering dependable services at affordable rates and building relationships grounded in quality, integrity and care.

What we aim to achieve

- Help small and medium-sized businesses establish an online presence and use information systems in their day-to-day operations.
- Provide dependable data services that support informed decisions and well-organised research.
- Make practical IT solutions accessible to individuals and institutions, with the flexibility each project requires.

Why clients engage us

What we value	What we bring
Honesty and helpfulness	Qualified personnel
Integrity and commitment	Speedy execution of assignments
Quality and efficiency	A high degree of creativity
Ethical standards	Flexibility for our clients
Excellent customer care	Strong client service and project management

02 / OUR CAPABILITIES

Data that supports better work.

From collecting information to building the systems that use it, we help clients make data part of their everyday decisions.

Data collection and management

We design data capture tools and support the organisation, storage and management of data for research and operational use. Our work includes setting up electronic forms, preparing data entry workflows and supporting the people who collect and manage information.

- Electronic data collection tools for surveys, studies and service delivery.
- Data entry, management, extraction and analysis support.
- Practical guidance and training for data collectors and research teams.

Analysis and research support

We help researchers work with their data using tools suited to the study and the team. Our experience spans clinical research and field data collection, combining technical configuration with hands-on support throughout data management activities.

> **Platforms and tools we work with**
> REDCap · ODK · KoboToolbox · OpenClinica · Stata · SPSS · R · Python

Custom management information systems

We develop systems around the records, tasks and reporting needs of a client. Our project experience includes patient registration, consultations, procedures, referrals, pharmacy, stock control, billing and reporting, alongside support for school information systems.

The emphasis is on connecting related activities in one practical workflow. The scope and functions are tailored to the organisation rather than assumed to be the same for every client.

Relevant experience

Healthcare systems for the Mercy James Centre, Namikango Clinic and Family Health Private Clinic; research data support with the Malawi Nutrition Research Group; and school system maintenance for Zingwangwa Progressive Secondary School.

03 / OUR CAPABILITIES

Digital tools. Everyday support.

We build an online presence, support the technology behind daily operations and help teams develop the skills to use it.

Websites, web applications and hosting

We design and develop websites and web-based applications, with hosting services to support their operation. Custom content management systems let clients update their own pages, publications, news, events, galleries and other content. Depending on the brief, websites can also include functions such as booking enquiries and training calendars.

Computer hardware and software

We help clients set up, maintain and troubleshoot computers. Services include software sourcing and installation, new computer setup, hardware installation and maintenance, and virus and spyware removal. Our wider support experience also includes computer peripherals, printing and stationery supply.

Networks and server support

We support new and existing networks, including local area network setup, email and webmail configuration, router configuration and management, and Windows and Linux server configuration and management. Our experience includes Cisco, MikroTik and D-Link equipment.

Practical training

We provide hands-on training in data collection, management and analysis, computer use and other ICT skills. Sessions are shaped around the tools and tasks participants need in their work, helping teams use their systems with greater confidence.

- Research data collection and management using REDCap, ODK and KoboToolbox.
- Data analysis tools and workflows for researchers.
- General ICT skills and staff capacity building.

One partner across connected needs

A project may combine a website, a database, staff training and ongoing technical support. Our range of skills allows us to work across these connected requirements.

04 / SELECTED EXPERIENCE

Systems built around real workflows.

Our information systems work spans healthcare records and school operations. These examples describe the functions delivered or supported.

Mercy James Centre | Blantyre

Developed a patient information management system for the Mercy James Centre for Paediatric Surgery and Intensive Care at Queen Elizabeth Central Hospital. The system supports records for admissions, operations and their outcomes, clinic visits and referrals from other facilities.

Namikango Clinic | Thondwe

Developed a customised outpatient information management system for Namikango Mission. The system brings together patient registration and vital signs, consultations, diagnoses and prescriptions, laboratory requests and results, billing, pharmacy dispensing, stores and reporting.

Its functions include medication and stock tracking, restock notifications, and reports on attendance, finances and inventory. The design connects the work of clinical, laboratory, accounts, pharmacy and stores teams.

Family Health Private Clinic | Chilimba, Blantyre

Developed a hospital management system focused on patient records, consultations, pharmacy operations and billing. The scope reflects the clinic's need to manage related service and administrative activities.

Zingwangwa Progressive Secondary School | Blantyre

Provided maintenance for the school management information system, supporting functions such as student registration, tuition, performance, attendance and school activities.

> **Additional experience**
>
> Our portfolio also includes patient management information system work for the Palliative Care Unit at Queen Elizabeth Central Hospital.

05 / SELECTED EXPERIENCE

Websites with a purpose.

Selected website assignments show how our work supports organisations across education, healthcare, community development, media and enterprise.

Client / organisation	Work delivered
FemAnalytica	Website with a custom CMS for publications, events, resources and blog content.
CAPGHAN	Website development and hosting for the Commonwealth Association of Paediatric Gastroenterology, Hepatology and Nutrition.
Lilongwe Commercial College	Website with content management, a photo gallery and a calendar of training sessions; hosting services.
Women Alliance Organization	Website and hosting, with a tailored CMS for organisational content, galleries, activities and career opportunities.
The Messenger Media	Website and hosting, with service information, news publishing and content management.
Feed The Needy	Website development and hosting for an organisation providing social support to vulnerable communities.
Yakumudzi Investment	Website and hosting, with content management and taxi booking features.
Animalia Livestock Consultants	Website development and hosting for a livestock training, consultancy and veterinary services business.
Faith School of Ministry	Website development and hosting for a ministry training institution.

Also delivered: ICT support and supplies

Computer hardware and peripherals support for O Squared Marketing. Printing and stationery supplies for Zingwangwa Progressive Secondary School and the CHAIN Project at Queen Elizabeth Central Hospital.

Explore more of our work: encapdatasolutions.com/clients

06 / SELECTED EXPERIENCE

Research support and collaboration.

We combine data tools, practical training and specialist collaboration to support research teams and client projects.

Malawi Nutrition Research Group

Our work with the Malawi Nutrition Research Group includes research data management, development of data collection tools using platforms such as REDCap, training data collectors and supporting data analysis across studies.

Clinical research and survey tools

For the CISSAC Study at Queen Elizabeth Central Hospital, our experience includes ODK data collection tools, data management, extraction and analysis. For the PICU Study, it includes REDCap data entry tools and data management. We have also developed Kobo data collection tools for a Water Aid survey.

Malawi Research Data Platform

We provided website development and hosting for the Malawi Research Data Platform, the online platform associated with this research collaboration.

Training for research and service teams

Training experience includes REDCap data entry and management for Joyful Motherhood Programme staff, and training on study data collection tools at the Mercy James Centre for SEPSIS Prediction, CISSAC, PICU and Gastroschisis studies. We have also delivered ICT capacity-building sessions for the Forum for AIDS Counselling and Training (FACT).

Projects delivered with other service providers

In collaboration with PrimeCapital, we contributed to website development for Strawberry Advertising, the Society of Women and Advancement in Malawi (SWAM), Sakaramenta Metal Works, All and Beyond Carpentry, and Innovative Solutions. The collaboration also included Ayoba Money, a web-based payment gateway solution.

These collaborative assignments are distinct from the in-house projects presented earlier in this profile.

07 / OUR TEAM

A team built on specialisms.

Encap Data Solutions was founded on the principle of bringing together capable professionals and combining their strengths on every assignment.

Each member of the team brings their own specialisation and experience. For our clients, the result is a group of people who can genuinely contribute to a project and make a positive difference to it.

Team member	Role
Emmanuel Chimwezi	Team Leader / Data Specialist / MEAL Specialist and Web Developer
Elkana Makwinja	Systems Developer
Daniel Msosa	ICT Specialist
Odettah Chaona	Business Development Manager
Gomezhani Chandiloza	Software Engineer
Andrew Njoloma	Stationery & Print Services Specialist

How we work together

Different specialisms come together around the needs of each assignment, supported by client service and project coordination. A single project may draw on several of the disciplines below.

- Data management, analysis and research data support.
- Monitoring, evaluation, accountability and learning (MEAL).
- Software, web and management information systems development.
- ICT support, networking, server administration, and print and stationery services.
- Training, business development and client service.

Your point of contact

Emmanuel Chimwezi leads client engagement and is the primary contact for new assignments and enquiries.

08 / WORK WITH US

Let's build what comes next.

Tell us what you want to improve, the people who will use the solution and the challenge you need to solve.

A relationship built on understanding

Whether you need a website, research data support, a custom system or help with your IT setup, our aim is to offer a practical response to your requirements. We value clear communication, flexibility and long-term working relationships.

Business registration

Encap Data Solutions was established and first registered in 2019. Business registration number BRN-OLTAY53 was renewed on 7 March 2026; the renewed certificate states an expiry date of 7 March 2029. EDS is also registered with the Malawi Revenue Authority.

For procurement or due diligence, please contact us to request the relevant registration and supporting documents.

Contact Encap Data Solutions

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