



# Overview of Cloud Empowerment Architecture

Cloud Empowerment is in the business of bringing together efficient wifi networks with a content application server to help communities improve education, healthcare and opportunity for all through a set of managed services.

Where the developed world can easily take advantage of the growth of economical high speed networks, the developing world is at a huge disadvantage.

Low speed cellular internet coupled with high bandwidth rates has made it impossible for organizations and communities to take advantage of content, applications, training, testing and accreditation to improve and change lives.

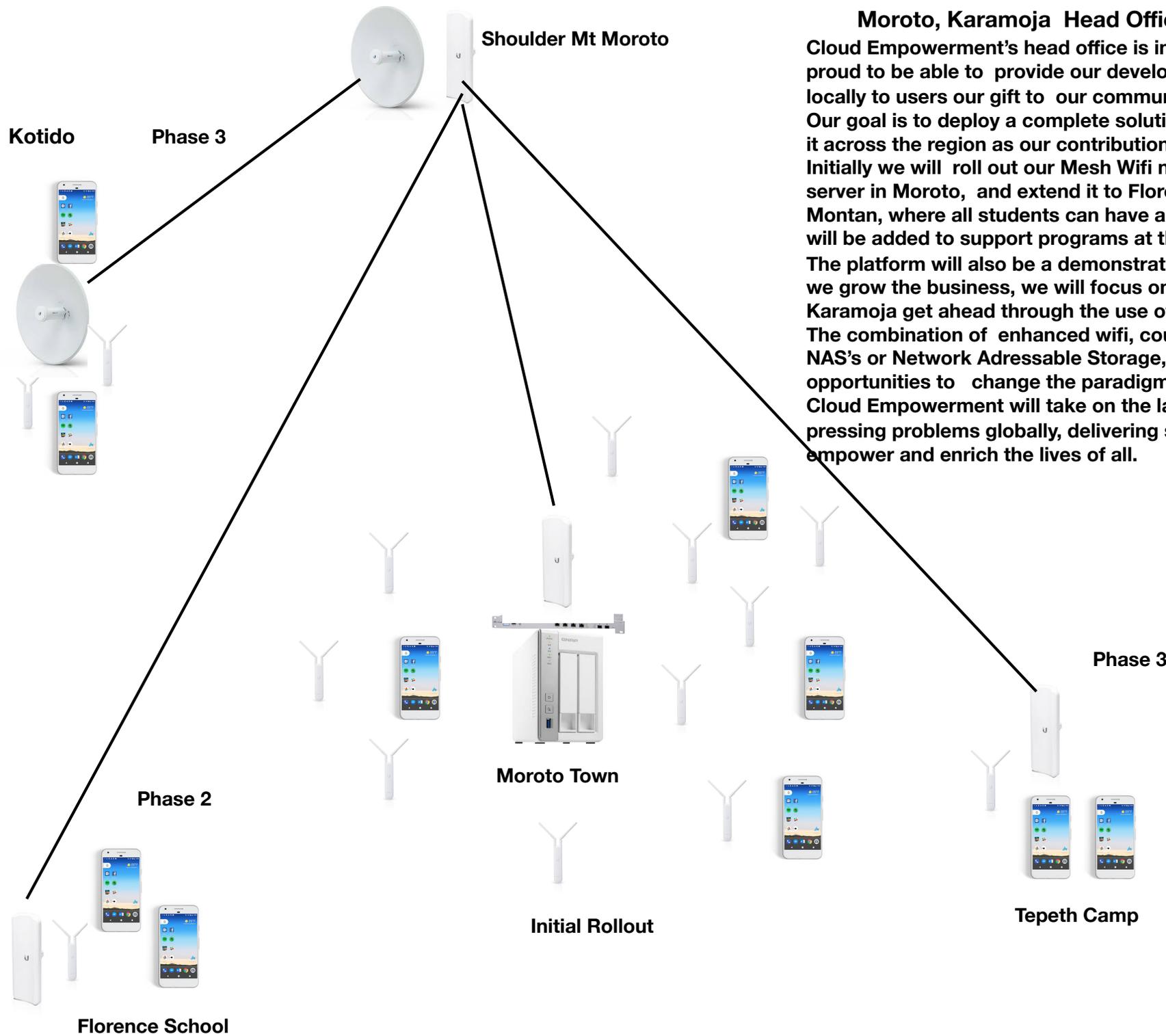
The Team at Cloud Empowerment understand this and have created a platform that allows the free delivery of high definition video content, services plus data collection to improve lives for all.

The technical skills to manage the network and the technology platform side, do not exist in the developing world, which further inhibits the people from gaining lift through technology and network. We recognize this and we are delivering solutions for small annual fee's to manage, maintain and support the entire platform and service.

The following slides will help you better understand what it is we are doing and the benefits to your community or organization

# A Simplified Approach

- Instead of moving video content over the slow expensive internet, we manage it from our CE Platform, so that it can be delivered for free over high speed wifi, to all computers, tablets and smartphones in the coverage area. Our model also allows you to add your own content to the platform.
- Data collection is key to a better life in many areas, healthcare, agriculture, water and pasture management to name a few. We have build a database on our CE Platform and can collect and manage any data that is important to you. Best of all, we can sync the content securely with your Android devices allowing your team to have the information they need instantly, plus the content can be moved to a central site and aggregated and new reports generated from the data.
- The CE Platform allows for all Android devices to communicate freely with each other, no SIM card, or telco data plan, it's all free and we even support high speed video conferencing. This is ideal for having to support teams in the field , especially for healthcare where specialists can stay central and not have to travel.
- We manage every aspect of the technology, the application , security, as well as any downstream report generation or billing that might be required, we are a one stop shop for network , network appliances and all the software and supported needed to drive the program
- We can also manage low speed connections to our platform allowing users who want to enhance their skills to both learn and the not connect to our online testing and accreditation platform . With an ability to test and accredit across any program, and to manage the internet cost, we see this is an incredible value to all who want together themselves.
- We can deliver this turnkey solution for any NGO, Government and Corporation as a product or a service if need be, with the platform branded with their name and logo.



## Moroto, Karamoja Head Office

Cloud Empowerment's head office is in Karamoja and we are proud to be able to provide our development platform to all locally to users our gift to our community.

Our goal is to deploy a complete solution and then to grow it across the region as our contribution to Karamoja.

Initially we will roll out our Mesh Wifi network and content server in Moroto, and extend it to Florence's school in Montan, where all students can have access to it and content will be added to support programs at the school.

The platform will also be a demonstration centre for all as we grow the business, we will focus on how to help all in Karamoja get ahead through the use of technology.

The combination of enhanced wifi, coupled with world class NAS's or Network Adressable Storage, open up thousands of opportunities to change the paradigm and improve lives.

Cloud Empowerment will take on the largest and most pressing problems globally, delivering solutions that empower and enrich the lives of all.

# Community Health 2.0

- Thousands of organizations and hundreds of millions of dollars has been spent trying to train Community Health Workers.
- With governments lacking funds to pay health workers and most NGO's only having funding for training, most trained healthcare workers never practice their skills, they are forced to go and get a job to pay the bills.
- The same practice applies to many skills, teaching being similar, where teachers are offered a small plot of land.
- The Cloud Empowerment team see this as a problem and we have partnered with Ray Markham a doctor trained in Zimbabwe and a rural health specialist in Canada on a new model that we believe will scale globally empowering tens of millions, while improving health outcomes for all globally.
- The Cloud Empowerment team is incredible excited to be a part of this new venture in public health and we believe that done right, it is a game changer for all globally.



# Community Health 2.0, What is it

- Training and education is at the heart of CE 2.0 and all health workers and the public have access to the best educational material possible.
- Health records for all patients and a database of health professionals is built into CE 2.0 Hub and the data can be in sync across all devices on the platform.
- When a health professional sees a patient, visits are logged and records updated. The data from every CE 2.0 Hub can be polled and the data looked at across a region, or an entire country.
- Donors who directly want to fund Community health, can now donate funds based upon patients attended to. Example a donor will pay \$35 per month, if the health worker sees 140 patients a month as an example.
- Donors adapt a health worker and get a summary of their activity, plus they can communicate with the health worker if need be.
- A payment system is also in place to have community health leaders better manage the process, plus pay workers based on performance.
- Accountability is built into the system at every level, with the goal of improving health education for patients and workers, improving record keeping for all and most importantly, being able to pay health workers, so that it is now a career and not just a hobby.
- Donors get full accountability and a tax receipt for their support.
- A high value efficient model of health where everyone benefits, plus education and opportunity ride free for all, is a game changer that we hope from its start in Zimbabwe, we will scale globally. We are incredibly proud that this world class health service is both founded, developed, grown and supported from Karamoja, Uganda and by a team who are from Karamoja.

wifi network can easily be extended around any health centre, see Moroto Architecture



Community Health Centre A



Community Health Centre B



Community Health Centre C

Wifi is economical to build out in a region and with high speed communications, central specialists can now video with patients if the CE worker cannot diagnose the problem.

We can support thousands of these CE centres globally, all from Karamoja, Uganda

Multiple NGO's and organizations can run on the platform all at the same time.

Activity Summaries are generated centrally and emailed to CE managers to pay the workers

Reports for Donors are generated centrally and emailed to donors



All data is backed up and centralized by CE



**Cloud Empowerment is now operational in Moroto, and we are incredibly excited to be implementing this program for all of the people of Karamoja, be able to assist all organizations striving to help the people and to be the first karamojong company to export high tech services to the world.**

**Alfred Mhutoht, [alfred@cloudempowerment.com](mailto:alfred@cloudempowerment.com) will be heading the program there.**

**Pat Montani [pat@cloudempowerment.com](mailto:pat@cloudempowerment.com) will be handling all sales and opportunity related calls.**

**[www.cloudempowerment.com](http://www.cloudempowerment.com)**