# Digisoft Introduction

ICT, Training, Internet, Access, Results

What We Do

- We produce portable education kits that work where there is no power grid or connectivity

- You can ¨**go anywhere and teach anything**¨

- With our DCS Kit you can use Microsoft Office, show video, use apps, use Digisoft offline applications, have a whiteboard.

- We sell in markets where the electricity grid often does not reach more that 30% of the population and broadband is expensive or nonexistent

The pictures show our kits being used to teach villagers and Farmers in Burkina Faso, Uganda, Tanzania and Ghana
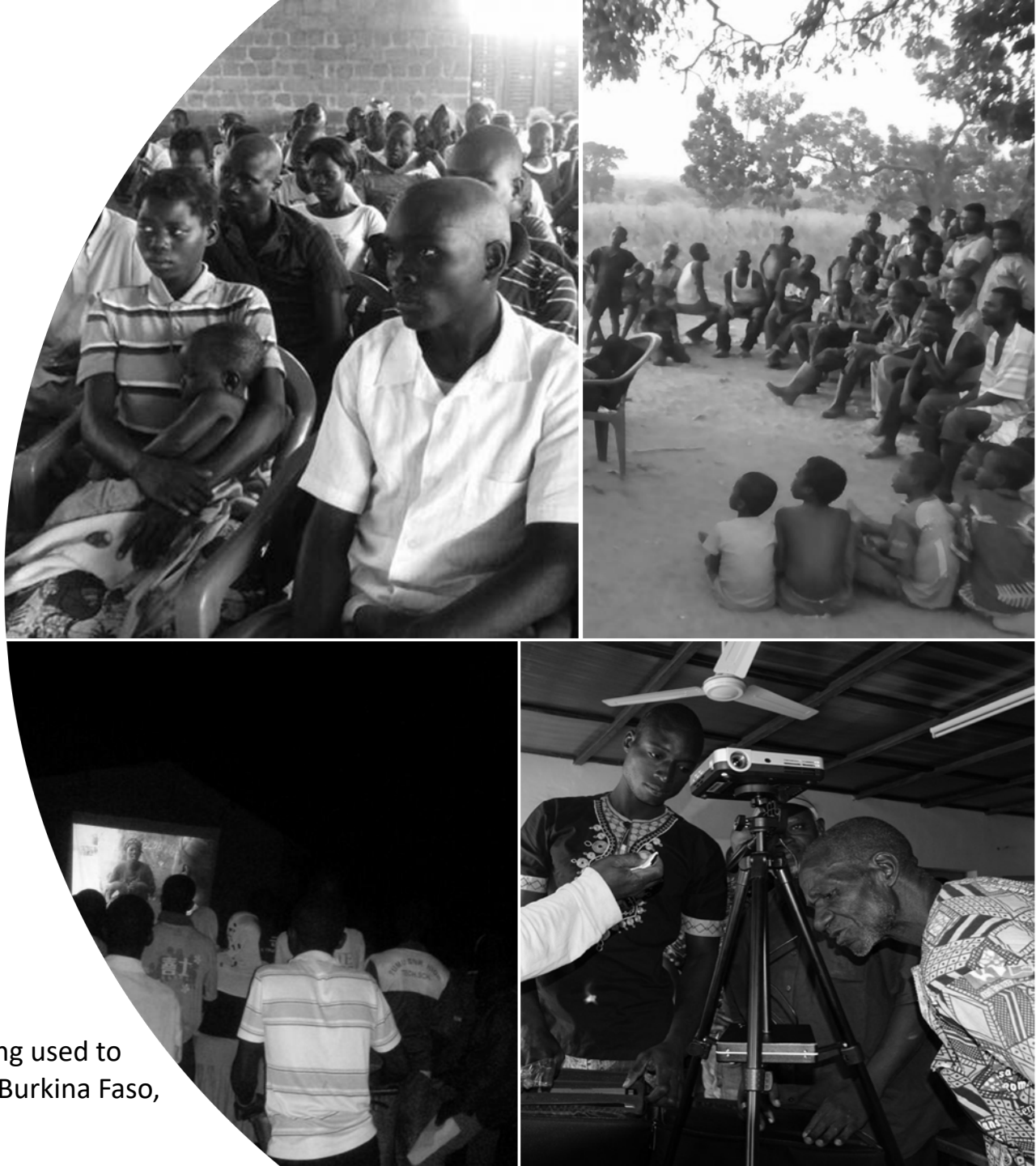
We Support Real Results Amongst Disadvantaged Groups

- 6000 mainly illiterate farmers in Uganda are now earning 7 times their previous income meaning more children are now going to school, there is less violence against women, less need for AID, more self sufficiency

- 400,000 farmers where enrolled in a new Feed The Future program in Ghana, increasing food production, self reliance plus improving nutrition

- Thousands more children are exposed to a better education by the introduction of ICT. So they can make better choices than their parents.

- This would not have been achieved so easily without the DCS Kits we produce

# Who Uses The DCS Systems

How Our Products Are Used

4 Levels Of Usage

Digisoft - Level 1 Stand Alone Off-grid

Stand alone, power independent teaching unit. Teacher able to show and create Word documents, PowerPoint documents, Excel documents, show videos, use Android teaching apps, use offline content like Khan Academy, Wikipedia, Access Agriculture. Where possible connect to the internet via WiFi, Phone, or Ethernet, search for and show internet content or use internet apps. Also used in portable backpack version by extension workers going from community to community.

Power bank and projector

Keyboard and speaker

Apps   Settings   Folders
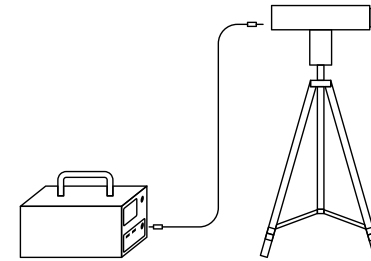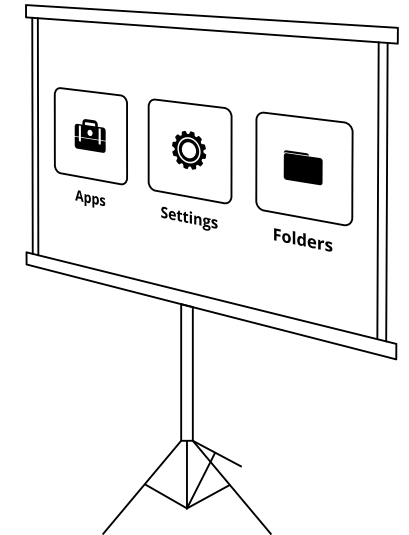
Level 2
Off Grid with Content Library

By adding a Content Hub the teacher can do everything they could do at Level 1 but now they have a 1Tb content library which the whole class can access simultaneously, or the teacher can show through the DCS projector. The content hub has it´s own CMS to manage users and comes preinstalled with lots of educational content. The teacher can also create and add their own content to this library.

CONTENT HUB
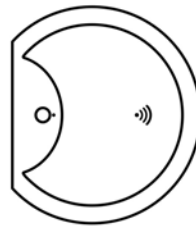
WIFI

PROJECTOR

SCREEN

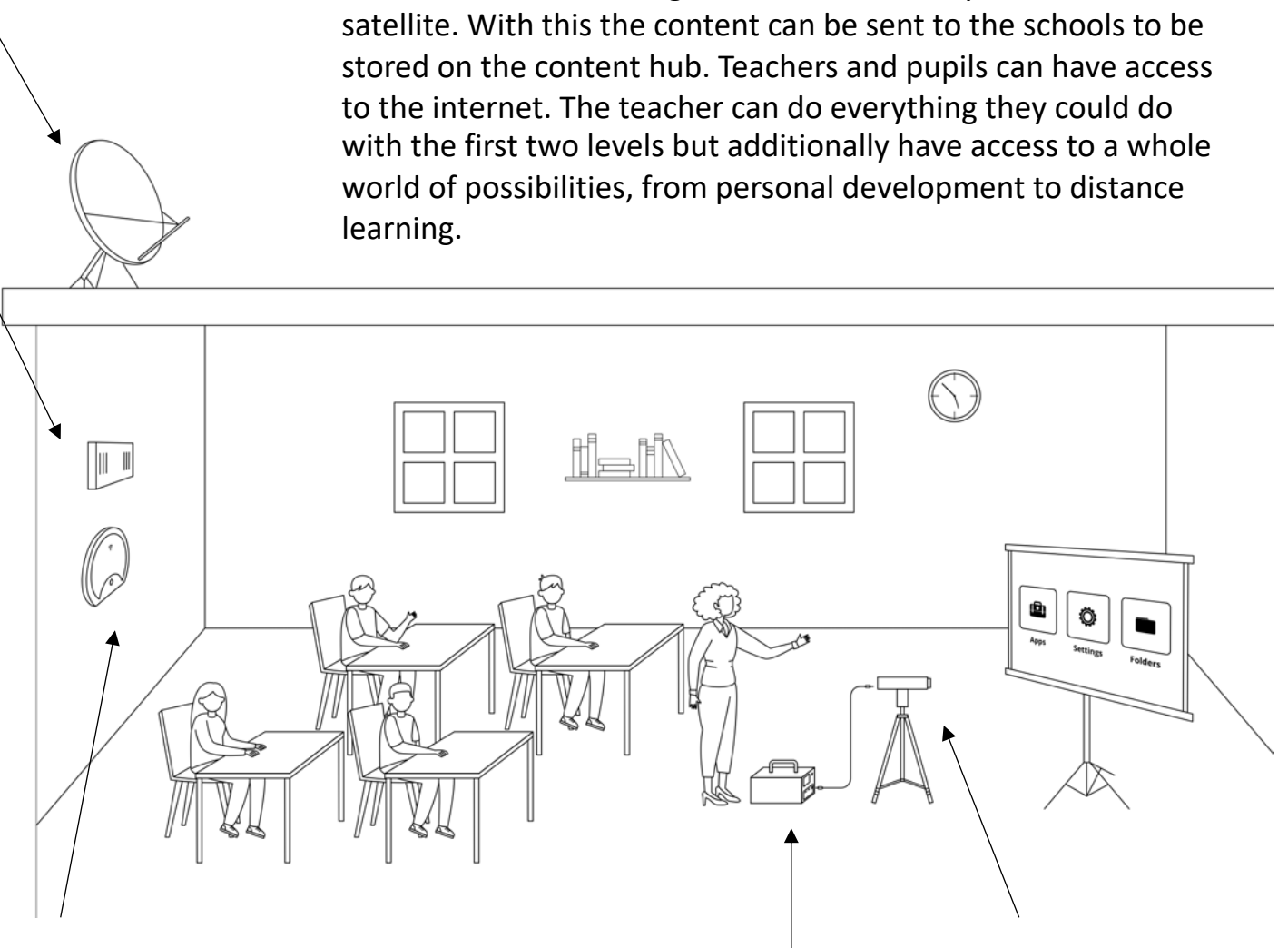Multiple devices can connect wirelessly simultaneously e.g. phones and tablets

Router and Satellite

The third level is to bring internet connectivity to the school via satellite. With this the content can be sent to the schools to be stored on the content hub. Teachers and pupils can have access to the internet. The teacher can do everything they could do with the first two levels but additionally have access to a whole world of possibilities, from personal development to distance learning.

Level 3
Independent
with Internet
Access

Content Hub

Power bank and Projector

Level 3 a.

Content Hub stores content received from satellite, or teacher, has full library. Has it´s own WIFI

System has a speaker loud enough for a large class

Satellite Dish

Router is connected to the satellite dish for hybrid Internet over satellite services

Solar charger can be connected to power bank to keep it fully charged

Teacher controls the system using the keyboard to access projector, content hub and speaker volume

Taking The DCS To Communities

- The DCS is used to teach communities, the portable backpack can be used by extension workers to teach farmers and communities in need of farming, health and general adult education.

On the road with the smart projector

ICT Equipment

Overview

Solar Powered Smart DCS H10 Kit For Schools

- Includes: Lockbox, H10 Projector, Keyboard, Remote, Speaker, Tripod, DCS 220 Power Bank, Foldable Solar charger. This of it as a computer and projector in one.

- Usage as a teaching tool. With the keyboard create documents and show them to the class, Word, Excel, PowerPoint. Show Video, download the material or use it from a flash drive, use offline apps and curriculum material. Use Android Apps.

- The system has WIFI, ethernet port, Bluetooth, connect any device wirelessly

Its Versatile Used In Rugged Surroundings

- This picture shows a boy watching lessons from the DCS projector sponsored by USAID in a community project in Ghana

- Because its light and portable its can be taken anywhere

- Go Anywhere and Teach Anything

- Now used in most of Sub Saharan Africa by GIZ, CRS, IFDC, Mercy Corp, Care International, AGRA, Sassakawa (SAA) and other organizations

Mini Content Server Spec

- System-on-Chip SoC Intel® Processor

- Volatile Memory RAM 4GB DDR3L SDRAM Speed up to 1600 MHz

- Non-volatile Memory Flash eMMC 5.0 16GB operating system partition

- Non-volatile Storage HDD 2.5" Single-HDD 7mm SATA 3.0 1TB 5400rpm

- Battery Life 8 hours (with eMMC) continued use under criteria:
    - Client devices download and upload files over WiFi
    - Client devices stream 1080p video over WiFi
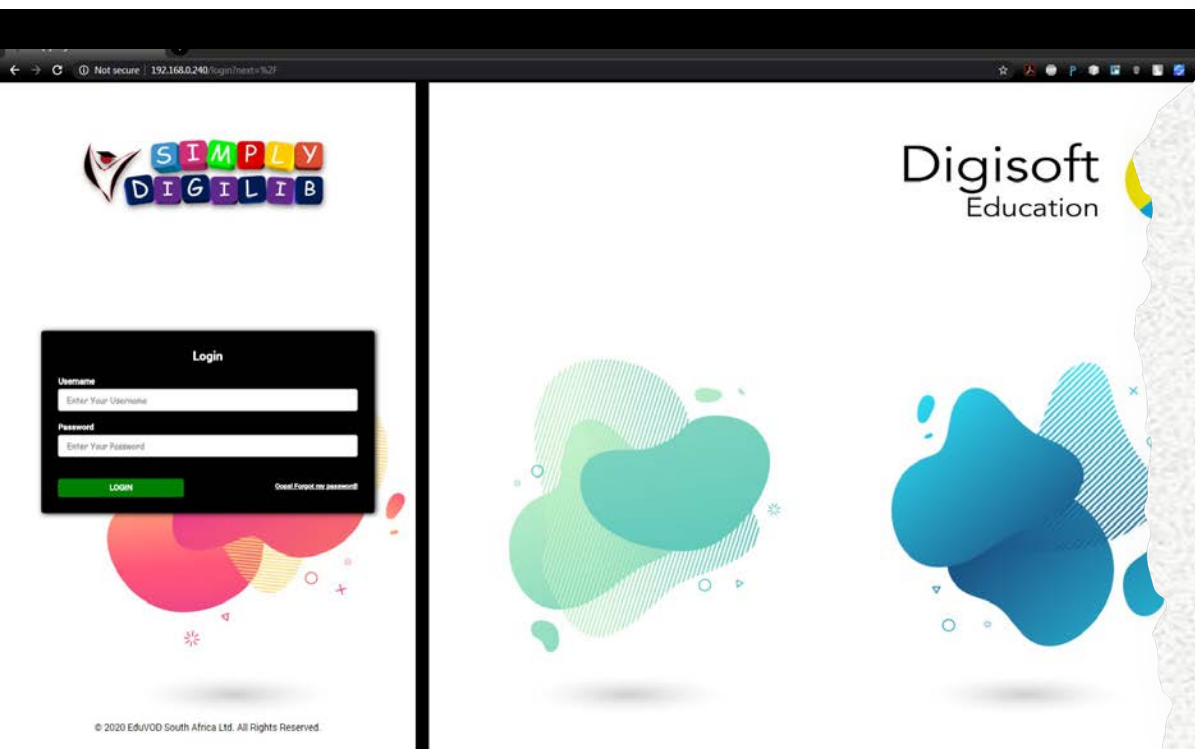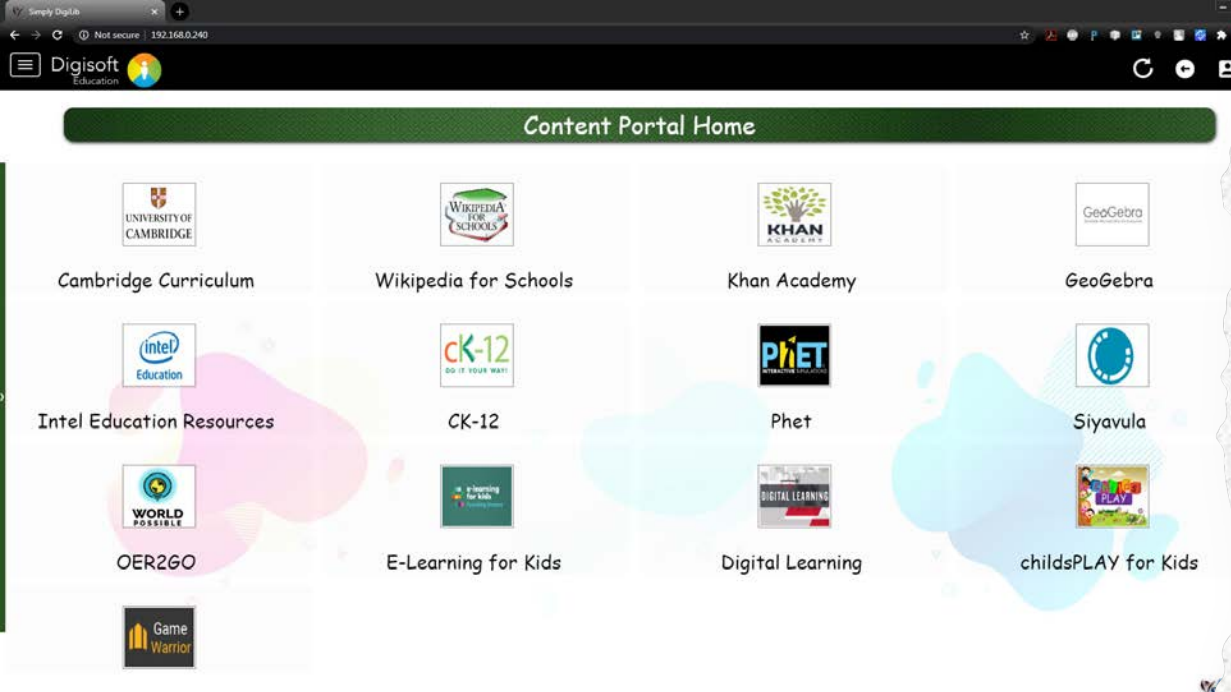
Content Server Usage

- The Content Server comes with a light weight LMS

- Teacher logs in as Admin using the wifi generated from the content server. No wifi needed just log in from a phone or any wifi enabled device

- Pupils log in as users

- Teacher can create and add content to the server

- Server support 50 students in a classroom logging in simultaneously and viewing content on Tablets, Phone or PC

- Upgraded version can support up to 2000 students logging in simultaneously

- Comes with 1Tb drive but can be upgraded to 2Tb

- Can be managed remotely if connected to the internet

- Can run for 8 hours on its inbuilt battery

Access Agriculture App

- Access Agriculture is a non-profit organisation that showcases agricultural training videos in local languages.

- The Access Agriculture Application comes on a USB drive. The projector recognizes the app and allows the extension worker to choose, browse, view, play videos.

- It also has an automatic update mechanism that allows the user to update the disk with the latest videos provided the system is online.

- We currently have 2900 training videos in over 35 regional African languages

Who Are We

- **Supporting Global Education and Training**

- Digisoft Education is a social impact company, set up to develop products and solutions which deliver education and training in countries which face infrastructure challenges.

- **Because Education is Everything**

- Digisoft Education www.Digisoft-education.com

- Sister Company - Diigisoft.tv www.digisoft.tv