



APTUS – CLASSROOM WITHOUT WALLS DEMO

November 8, 2013

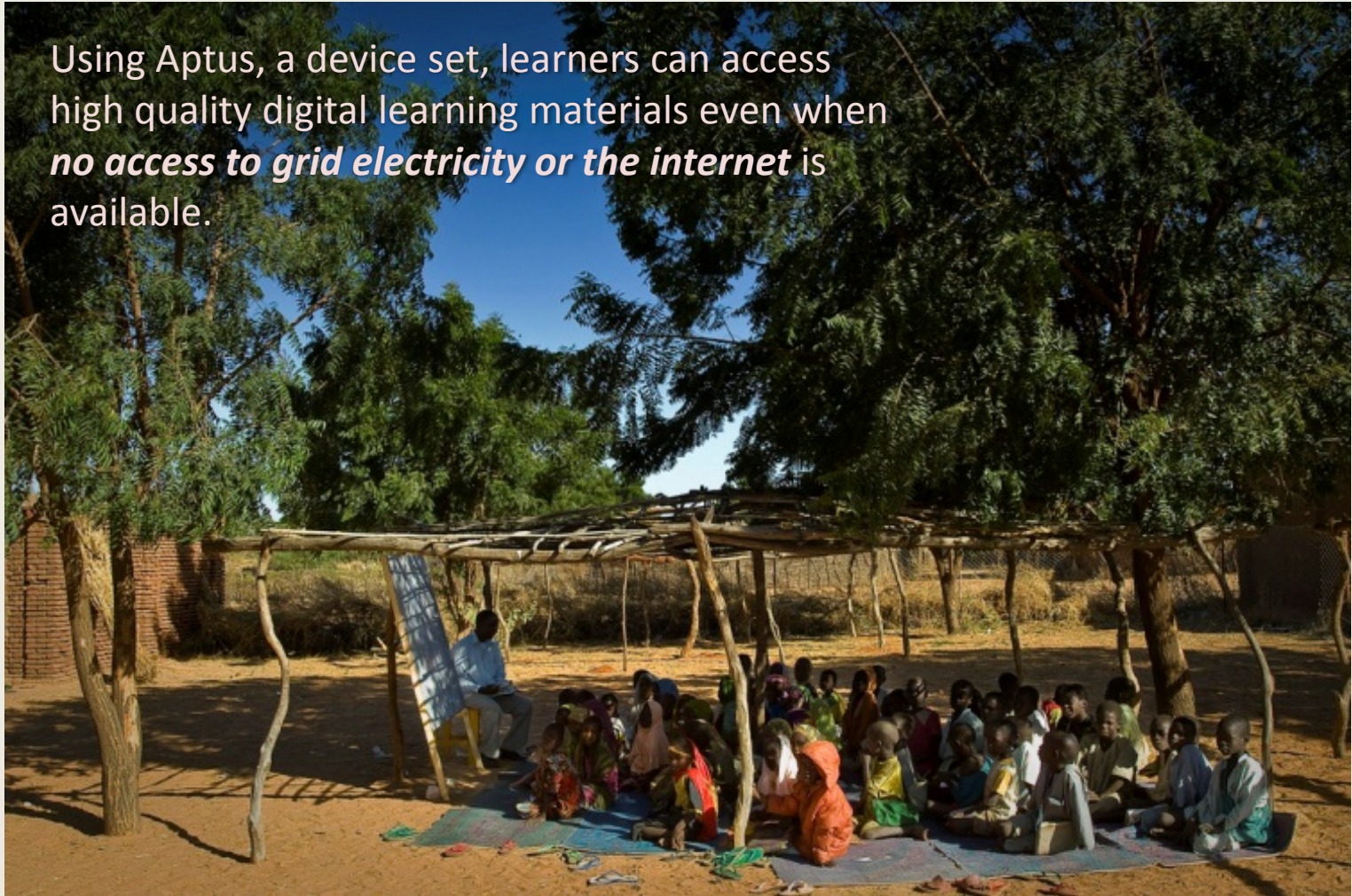


MOOC4D

massive open online courses
for development

MOOC on M4D 2013

Using Aptus, a device set, learners can access high quality digital learning materials even when *no access to grid electricity or the internet* is available.



Aptus Device set

Aptus is made up of two devices. Together these devices cost USD 80.



1. A **MiniPC** acts as a server to host digital learning materials and content or entire learning management systems like Moodle.
2. A **Wireless Router** acts as a mini “cell tower” to create a Local Area Network which can help connect students’ Tablets or phones. Also acts as power source for MiniPC.

Capability

- Can store and distribute hundreds of Textbooks for multiple grades
- Hold and stream hundreds videos of Khan Academy
- Host Moodle 2.5, a Learning Management System
- Host WordPress and/or Drupal, a Content Management System

How Aptus can be used

- ***Accessing learning resources, software applications, and material*** that are available on the internet even when connectivity does not exist.
- It can be used as a ***mobile library that downloads and stores learning materials*** to be accessed offline.
- Students ***can download textbooks and multi-media learning materials*** to individual devices.
- Can support Tablets that can move around easily (one person can travel with 30 devices in a suitcase) - the teacher can carry these to remote area schools.
- Router ***can be charged easily (also, can use a solar charger)***.
- ***Can help Teachers*** gain access to quality teaching materials.



QUESTIONS?

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THANK YOU

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Aptus



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