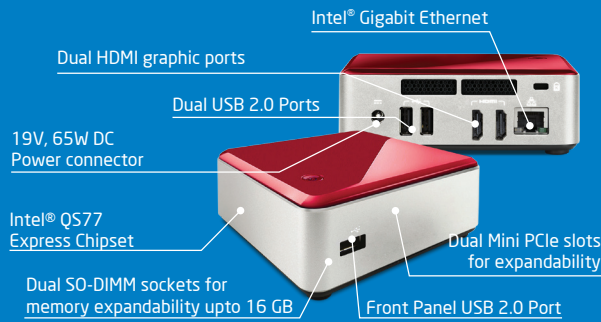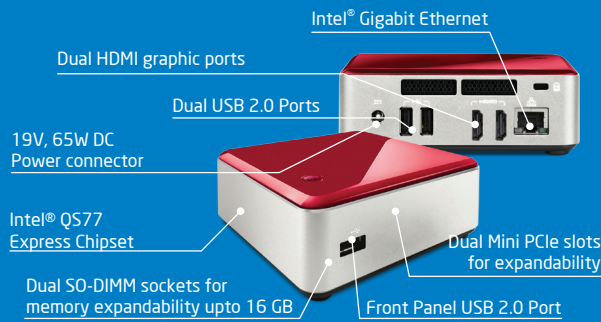## FELTA CDS SPECIFICATION

A MICROCLOUD IN THE CLASSROOM
Designed to provide education cloud type services to a school or classroom, with limited, unreliable or no Internet connection at all.

2 TYPES OF SKUs

S SERIES	C SERIES
based on Core i3	based on Celeron

MODES OF OPERATION

SCHOOL	CLASS ROOM
using 1 or more external wireless access points	using embedded wireless access point

RECOMMENDED NO. OF MAX USERS

Up to 100	Up to 30

COMMON PLATFORM FEATURES

- Intel® Gigabit Ethernet
- Dual HDMI graphic ports
- Dual USB 2.0 Ports
- 19V, 65W DC Power connector
- Intel® QS77 Express Chipset
- Dual SO-DIMM sockets for memory expandability upto 16 GB
- Front Panel USB 2.0 Port
- Dual Mini PCIe slots for expandability

OTHER FEATURES:
- SSD storage for enhanced reliability in harsh operating environments.
- Wi-Fi 802.11 bgn access point.
- Compact, portable unit.
- Can run on batteries.
- 2GB RAM.

STORAGE OPTIONS
- 64 GB, 128 GB, 240 GB, 480GB mSSD.
- External USB drive for local storage expansion*

* available soon

CRITICAL LINKS SOFTWARE AND CLOUD SERVICES

- 1 CONTENT CLOUD SERVICE ACCOUNT*
- STANDARD CRITICAL LINKS C3 SOFTWARE STACK
- CONTENT PACKAGES
  - Wikipedia for Schools
  - Intel Education Resources
  - Critical Links C3 Quick Start Guides

CONTACT US AT:
FELTA Multi Media Inc.
Tel No: (+632) 438 1755 to 56 or
(+632) 912 1397
Website: www.felta.ph
Email: felta@pldtdsl.nett

Felta — *Since 1966* — "We Modernize Education"

Critical links

intel Education

Discover a whole new world of information.

Felta — *Since 1966* — "We Modernize Education"

only 4"x4"

Introducing Felta's
Content Distribution System (CDS)

CHALLENGES
- How do **students** benefit from **rich** internet content in schools with **limited or no** internet connectivity?
- How do **teachers** find and receive the **right** content?

SOLUTION
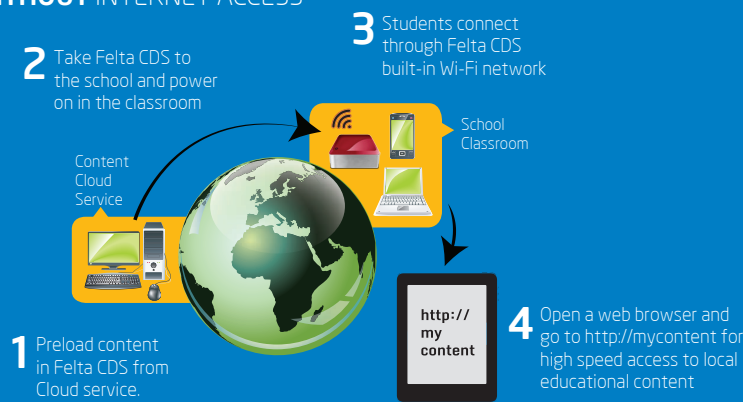- **School server appliance** with centrally managed content distribution

HOW DOES IT WORK?

CLASSROOM MODE
SCHOOL **WITHOUT** INTERNET ACCESS

2 Take Felta CDS to the school and power on in the classroom

3 Students connect through Felta CDS built-in Wi-Fi network

Content Cloud Service

School Classroom

1 Preload content in Felta CDS from Cloud service.

http:// my content

4 Open a web browser and go to http://mycontent for high speed access to local educational content
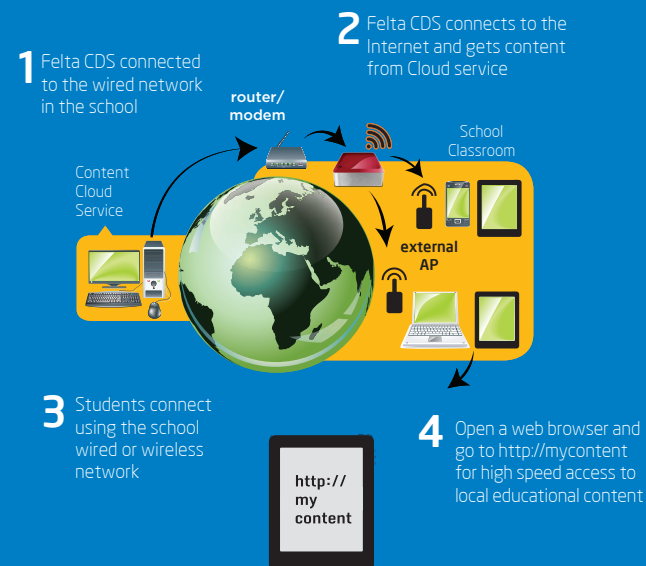
• No Internet needed in the school.
• The Felta CDS supports Wi-Fi auto configuration in mobile devices with built-in NFC technology.
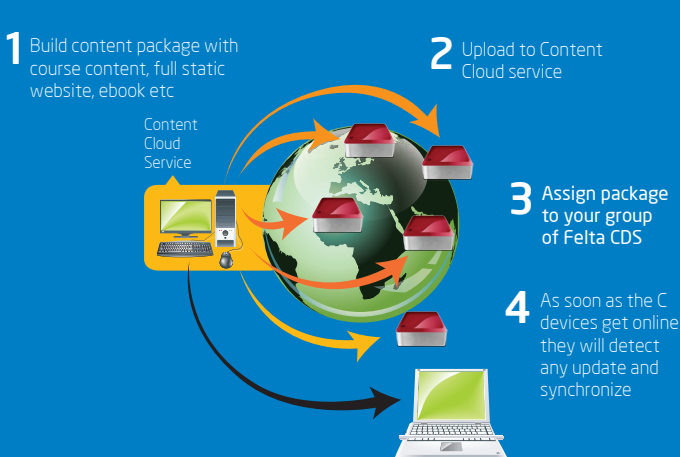
CLASSROOM MODE
SCHOOL **WITH** INTERNET ACCESS

2 Students connect through Felta CDS built-in Wi-Fi network

1 Install Felta CDS in the classroom

modem Vsat 3G

Content Cloud Service

School Classroom

3 Open a web browser and go to http://mycontent for high speed access to local educational content

http:// my content

• Felta CDS uses any low speed and/or non continuous school internet connection to get updated content from cloud service

• **Felta CDS also works as Internet gateway.** Disable Internet access during normal class for maximum student focus on your selected content.

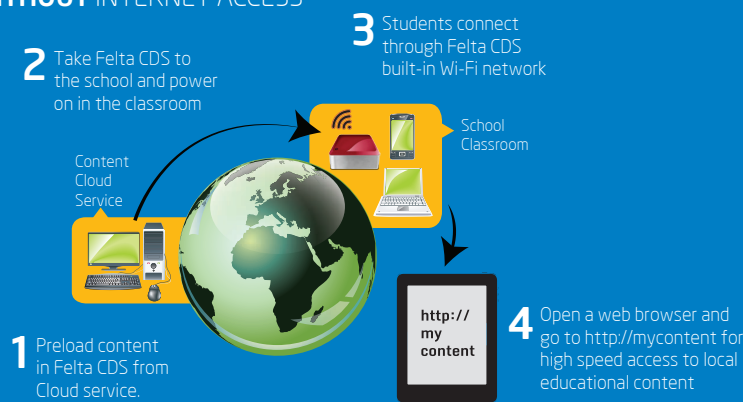• The Felta CDS supports Wi-Fi auto configuration in mobile devices with built-in NFC technology.

SCHOOL SERVER MODE

1 Felta CDS connected to the wired network in the school

2 Felta CDS connects to the Internet and gets content from Cloud service

router/ modem

School Classroom

Content Cloud Service

external AP

3 Students connect using the school wired or wireless network

4 Open a web browser and go to http://mycontent for high speed access to local educational content

http:// my content

ADDING & UPDATING CONTENT

1 Build content package with course content, full static website, ebook etc

2 Upload to Content Cloud service

Content Cloud Service

3 Assign package to your group of Felta CDS

4 As soon as the C devices get online they will detect any update and synchronize

Sources of Educational Content
• Free public content.
• Your own or owned by your school.
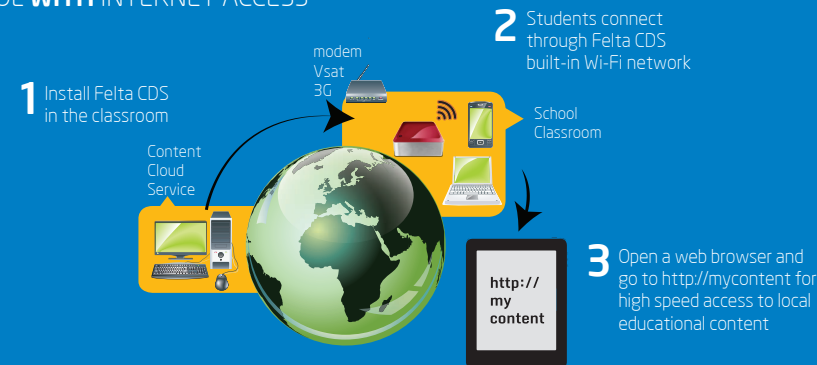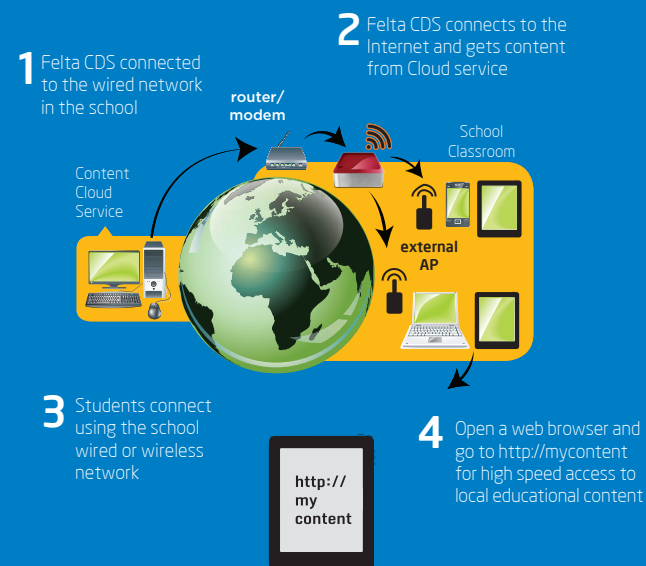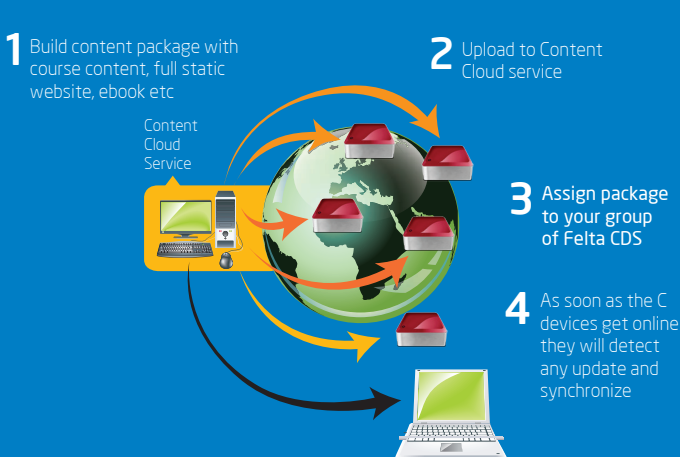• MoE maintained curriculum.
• Third party content.