ECS Campus²

Millennium @ EDU SUSTAINABLE EDUCATION
NYC, 22nd – 23rd Sep.
Agenda

- Going beyond the classroom
  - Yesterday, Today and the Future
  - Why Campus²?

- Campus² application and scenarios

- ECS Core Technology applied

- What ECS Campus² brings

- Milestone of Campus²
# 10 years devotion in Education Device

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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| 2006 | Step in education field with Intel  
|      | 1st CMPC E07 line up |
| 2007 | CMPC shipment 47K mostly generated by private sector |
| 2008 | 2nd CMPC E09 line up  
|      | 1st mega deal 560K to Portugal |
| 2009 | Portugal tender 356K |
| 2010 | 3rd CMPC E10 line up  
|      | Deployment in Portugal School E10 x 250K  
|      | 1st VZ tender 450K |
| 2011 | 4th CMPC E11 line up  
|      | 1st Argentina tender total 1.3M |
| 2012 | 1st Convertible CMPC EC10 line up  
|      | VZ tender 1M (CMPC)  
|      | Argentina tender 1M (CMPC) |
| 2013 | 1st Tablet line up  
|      | VZ tender 1.2M (CMPC)  
|      | Argentina tender 1M (CMPC)  
|      | 100K 1st convertible CMPC launched in Bolivia |
| 2014 | 1st 2-in-1 line up  
|      | VZ tender 2.2M (Tablet and CMPC)  
|      | Argentina tender 900K  
|      | MX720K (Tablet) |
| 2015 | 1st 360° CMPC line up  
|      | MX tender 980K Tablet  
|      | Uruguay 125K Tablet  
|      | VZ 600K Tablet |
Our Momentum

24 Million students benefit from our learning devices

Penetration

1.4M
12M
16M
20M
24M

2009
2013
2014
2015
2016
Highlights – important achievement

- Mexico: Over 1.9M
- Brazil: 1.3M
- Argentina: 5M
- Venezuela: 6.5M
- US: 51K
- Portugal: Over 3M
- Russia: 50K
- Georgia: 156K
- India: 50K
- Malaysia: 90K
- Nigeria: 43K
- Kenya: 1M
- Bolivia: 500K
- Uruguay: 269K
Classrooms - Today
Going Beyond the Classroom
Why our solution: Campus$^2$

With the rise of IoT and cloud service, Smart Campus become a hot topic. With our devotion in Education, ECS as always, devoted resources in new technology collaboration, system integration, partner alliance for building up the interconnected total solution.
Campus² application and scenarios

- Arrival notification
- Student location status
- Intelligence Surveillance
- E-learning
- Library service
- Data Center
Our Core Technologies applied

**Device**

*To Interact and Collect*

**Reader & Gateway**

*To Communicate and Transfer*

**Cloud Service**

*To Integrate and Analyze*
Device: Semi-rugged Design

The choices of EDU NB, 2-in-1 and Tablet

Education solution with Notebook

Education solution with Tablet devices

Education solution with 2-in-1 devices

Design Features

IP52 Rating Rugged and Water resistant

70 cm drop resistance

Advanced digital pen
For note taking, sketching, annotating, showing process, prototyping and complex visual thinking

With right fit devices that can go anywhere and take you everywhere.

Touch, stylus, mouse and keyboard enable flexible learning experiences Lightweight portable devices with USB
Inspiring Knowledge Education Software

Offer the tools necessary to assist teachers in the classroom and engage students in learning activities, by exploring and observing, as well as IT to enhance security.
Student’s wearable: That connects all

- Pattern Training Algorithm
- Data Collection
- Cloud Service
Reader to Transfer

Purpose-Designed RFID Readers

For School Gate

ECS’ purpose-built RFID reader help campus to enhance safety at even corners, also easy to incorporate with Campus² service system.

For Classroom
Gateway to Transfer

Our Mini PC as Gateway

Our Mini PC as Content Hub

Easy-to-use device functioning as Gateway with RFID reader at Campus and as Content Hub with Hard Drive at Classroom.
Cloud Service for Data Management

- Student Watch
- School Server
- RFID reader
- User Devices
- Gateway
- Classroom AP
- Cloud Service
- Campus²
Portfolio and Placement

Campus²

- Attendance management system
- Class assistance

- Library service

- Student location status
- Intelligence surveillance

- Student location status
- Intelligence surveillance

Wearable device  Mini PC as File server and gateway  RFID Reader  CMPC  Teacher device  IPCAM
Solution Plan – by timeframe

2016 Q4
Campus² phase 1

- Arrival Notification
- Student Location status

2017 1H
Campus² phase 2 (Q1)
Campus² phase 3 (Q2)

- Arrival Notification
- Student Location status
- Intelligent Surveillance
- E-learning
- Library Service

2017 2H
Campus² phase 4
(Internet of Schools)

- Arrival Notification
- Student Location status
- Intelligent Surveillance
- E-learning
- Library Service
- Data Center

School

Local Gov
Our Vision for 21st Century Education

By implementing ICT tools and devices, we aim to advance 21st century’s Teaching and Learning environment.
Thank you!!