televic

education

Challenges and lessons learnt in a country-wide Ghana project providing 240 schools with e-learning and Smart ICT classrooms
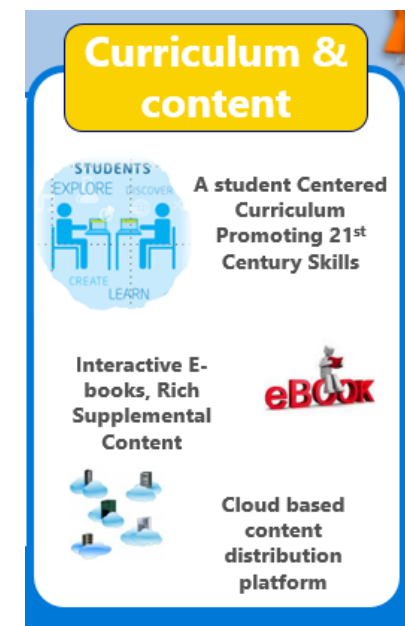
06/12/2018 – Dirk Verbeke – Sales Director
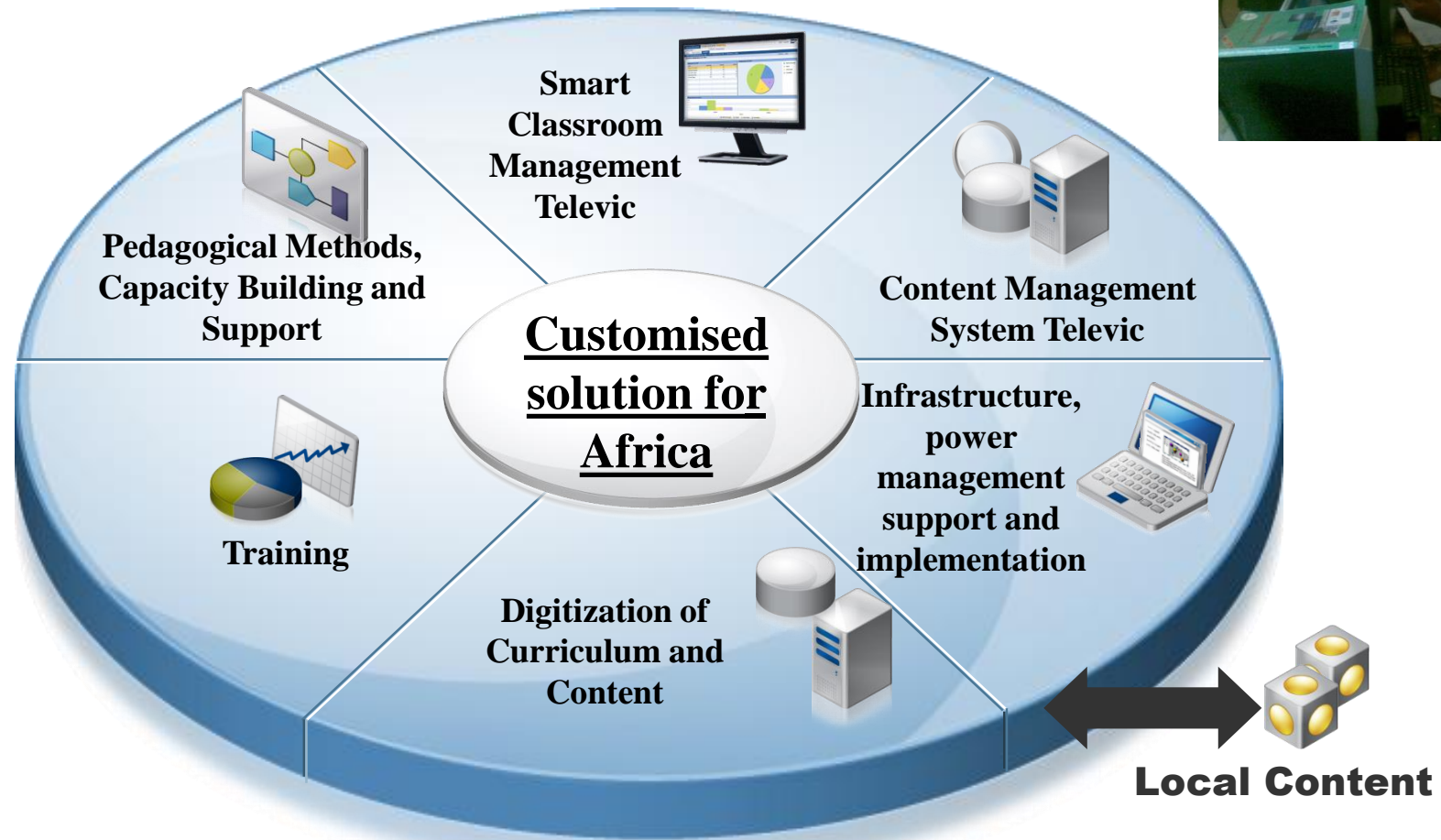
Africa - projects

Vindingrijke leerkracht uit Ghana geeft informatica zonder computers

DEEL | 111 | 6 REACTIES

ICT Infrastructure

Smart Classrooms

Power

Connectivity

Cloud Services

Curriculum & content

STUDENTS
EXPLORE DISCOVER
CREATE LEARN

A student Centered Curriculum Promoting 21st Century Skills

Interactive E-books, Rich Supplemental Content

eBOOK

Cloud based content distribution platform

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Full turnkey project solution (Africa/customised)

Customised solution for Africa

- Smart Classroom Management Televic
- Content Management System Televic
- Infrastructure, power management support and implementation
- Digitization of Curriculum and Content
- Training
- Pedagogical Methods, Capacity Building and Support

Local Content

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The Ghana/Televic Project

- 242 public higher secondary schools
- Government project MoE (tender)
- Smart classrooms + e-learning
- Including SW/HW/services
- Digitising content/curriculum
- All services including:
  - Project architecture - consultancy
  - Project management
  - Transport, delivery
  - Implementation, commissioning
  - Training (teaching/technical staff)
  - After sales support
- Countrywide all districts
- Roll-out of 2 years

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Senior High School Classroom (Burma Camp Accra)

Challenges: how to make an education project in Africa successful

1. **Administration - Finance**
   - tax exemption issues – taxes, duties, levies, …
   - Finance: acceptance, , invoicing, payment, transport buffer, round-trip delay, …

2. **IT** - Office, Back-Office, licence management, academic licences, …

3. **Environmental** - dust, salt, temperature, humidity, corrosion, heavy rains…

4. **Power** - stability, surges, outages, peaks, over-voltage, pre-paid…) - consequent battery issues

5. **Maintenance** - spares, licences, physical maintenance, support, local product support, spare materials, …

6. **Connectivity** - online/offline Internet, landline/mobile, local bandwidth, national bandwidth, delay …

7. **Logistics** - transport, customs clearance, staging, sourcing, roads, address/location info, off-loading, theft, assistance, …

8. **Communication** - contact persons, "African" English, vocabulary, …

9. **Installation** - technical know-how, knowledge-gap, …

10. **Training – technical assistance** - technical know-how, knowledge-gap, …

11. **Local partner**

localization/Africa customized

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