

## New Education Models enabled by Digital Technologies Challenges, Opportunities & Consumption models



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**September 2016**

1. **Social & Technological considerations**
2. **Innovative education models enabled by digital technologies & Remote Collaboration**
3. **Where to start in an ocean of options & opportunities**
4. **Challenges of digital technologies & Remote Collaboration**
5. **Best Practices & Consumption models**

**List of Topics**

## 7 KEY considerations

- *Consumerization* of Technology
- Millennials
- Social Media
- Networks
- Cloud
- Mobile devices & BYOD
- The model of creating new models
- Evolution of content

A photograph of two women sitting at a table in a modern office setting. The woman on the left is wearing a green top and glasses, looking towards the other woman. The woman on the right is wearing a striped top and is holding a pen, appearing to be speaking or presenting. There are laptops and papers on the table.

Social &  
Technology  
Trends

# +150 years of the same education model



1850



1960



1970



1980

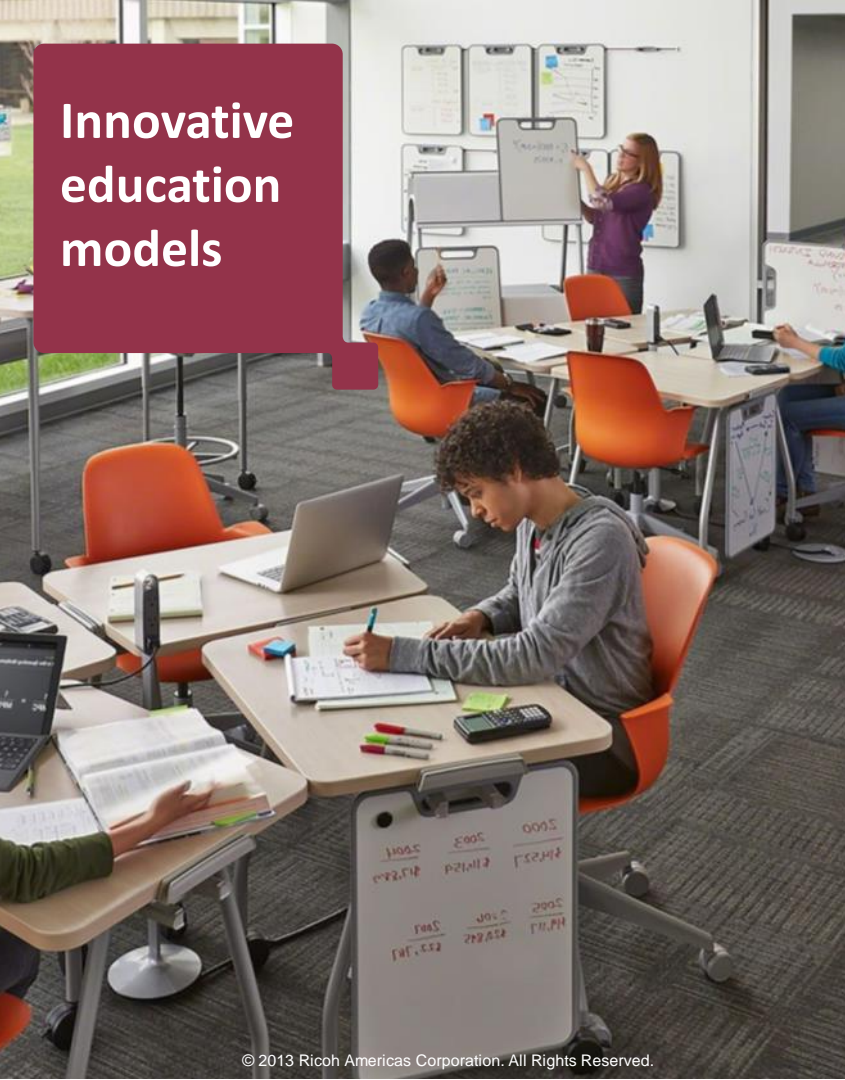


1990



2000

## Innovative education models



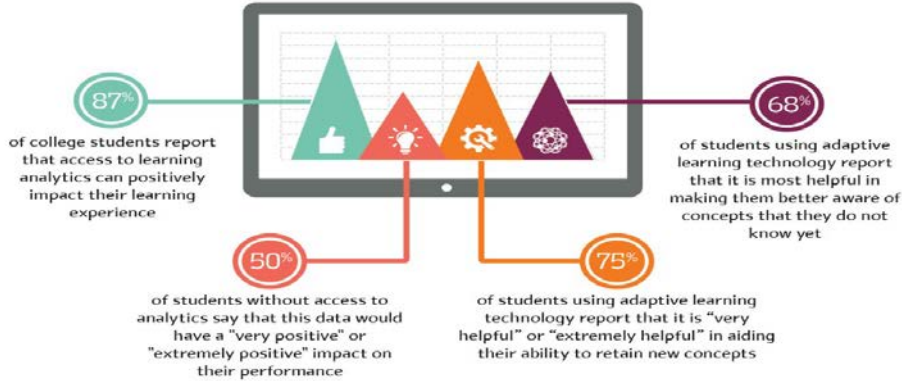
## Innovative education models enabled by digital technologies & Collaboration

EduTech evolution; From the blackboard to:

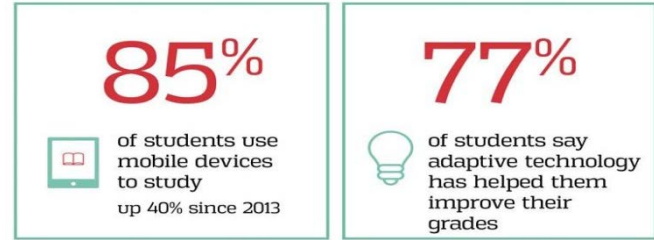
- Cloud Based
- Mobile & remote
- From 1:+20 to 1:1 and Personalized
- Data Driven & Analytics
- Flipped Classroom & Blended Learning
- IoT & Wearables
- Immersive experiences
- 360 Degrees learning

# Digital transformation in Education

Continual feedback provided by study technology helps students learn better

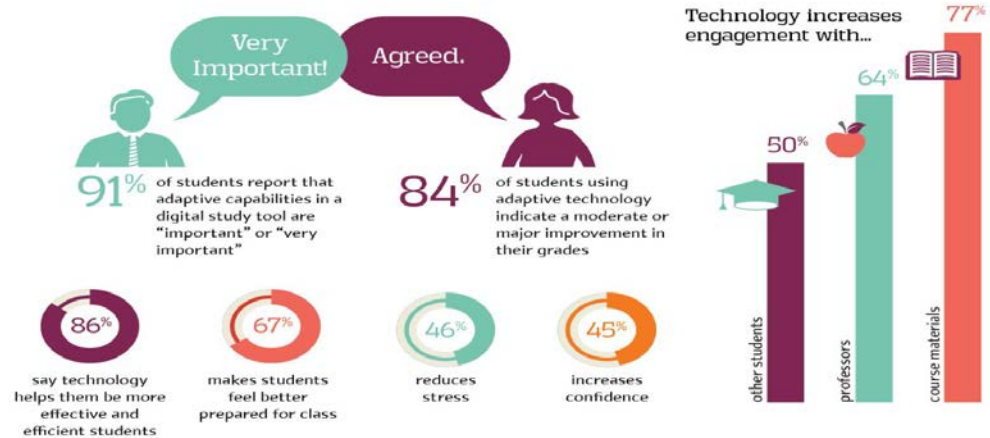
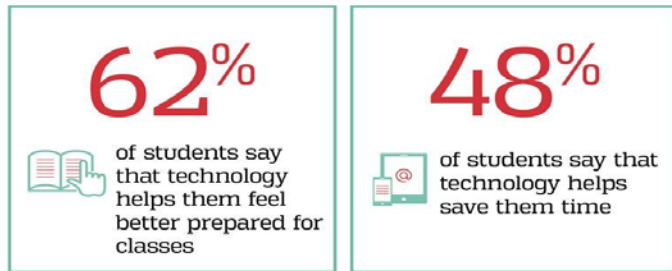


## 2015 Digital Trends in Higher Ed



Technology improves all aspects of the student experience

## 2015 Digital Trends in Higher Ed



## Key characteristics of successful Edutech and Remote collaboration projects?

- Clear Technology strategy
- Academic & student approach
- Involve all areas
- Models design & Learning techniques
- Content
- Hardware & Software
- Training
- Management / Services



**Where &  
How to  
start?**

## Implementing Edutech initiatives like Remote Learning & Collaboration

- Ease of use!
- Networks
- Access & Control
- Training
- Set expectation straight & Success metrics
- Investment justification
- Technology is always in use
- Interoperability
- Service contract with clear SLAs
- Select a strategic Technology Partner



**Challenges & opportunities**



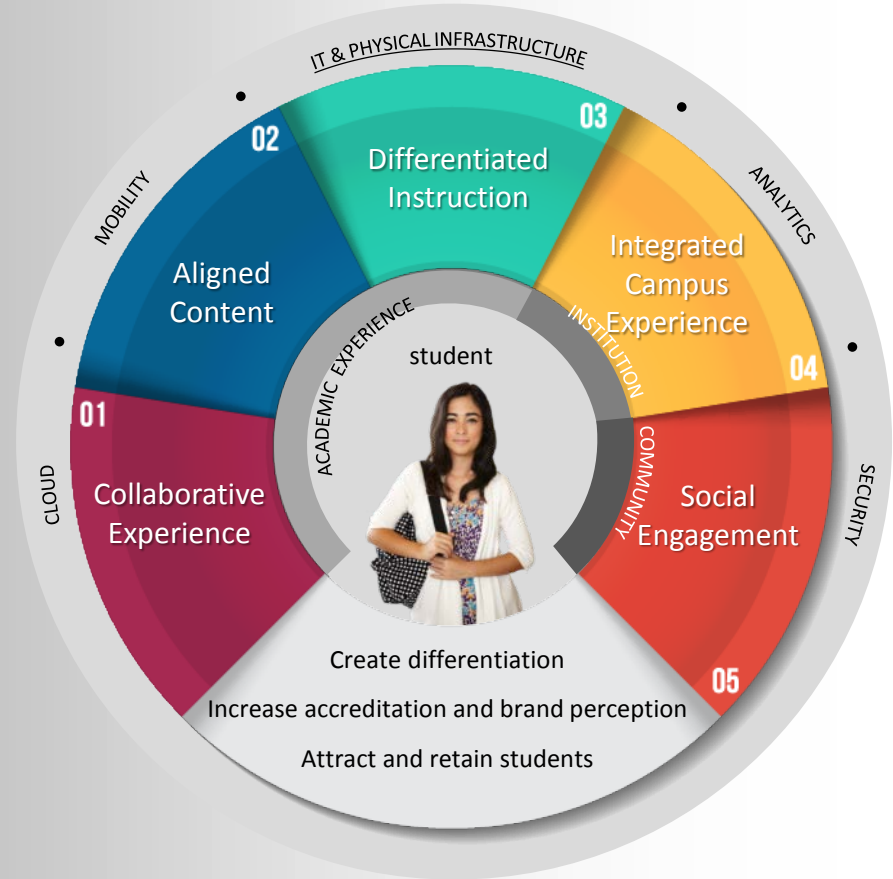
## Best Practices & Consumption models

## Best Practices & Consumption Models

- Go cloud
- Stop buying!
- Focus in one technology at a time
- Lean Canvas project approach
- From CAPEX to OPEX
- No train no Gain
- Beware of networks
- Promote Remote collaboration Best Practices
- Think service & focus in your core

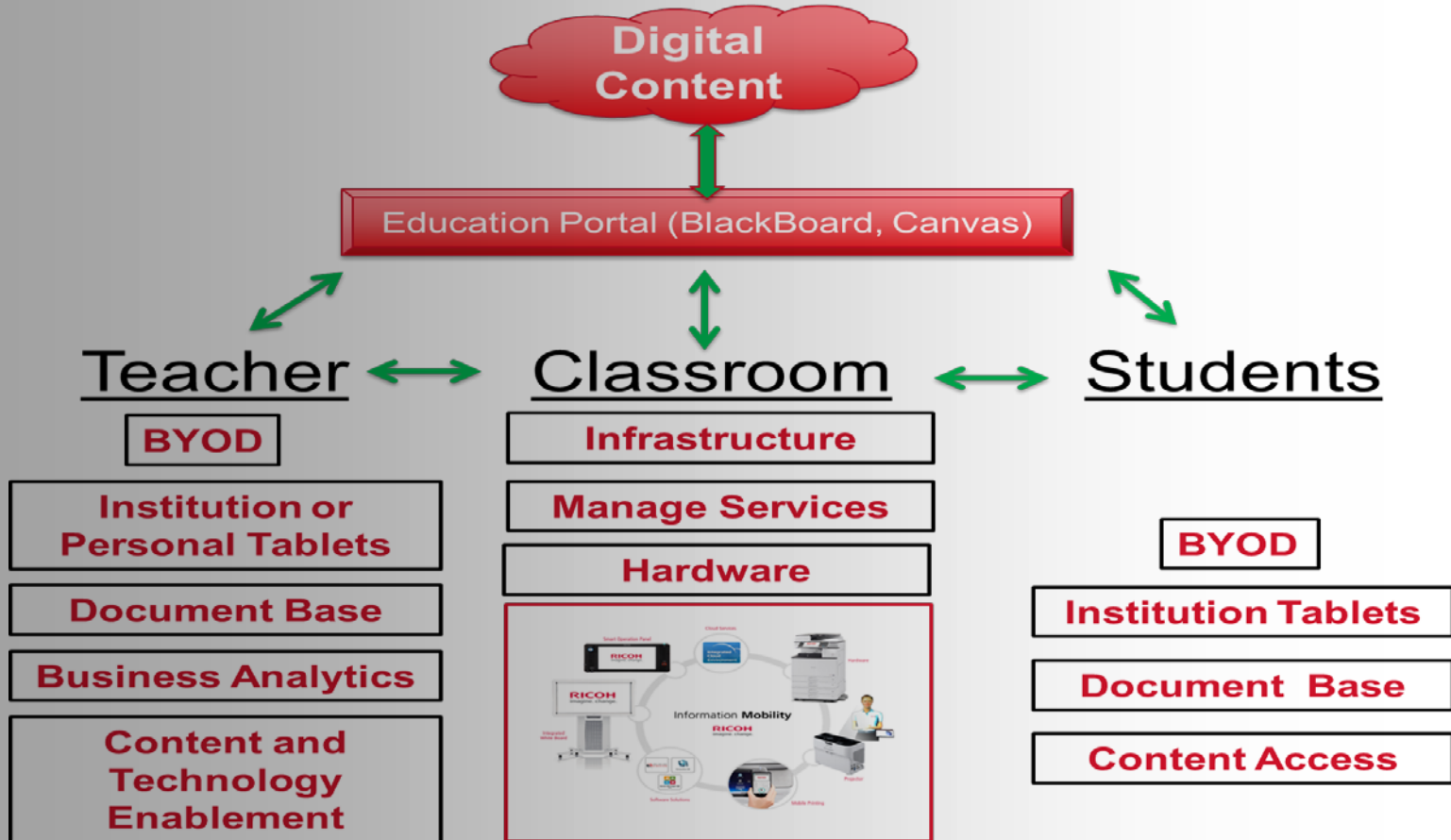


# Who & Why Ricoh?





# Ricoh Education Services Value Prop



## Ricoh Education Initiative

### The ultimate Learning Experience

Digital era is here, teachers know it, students use it, and a new learning paradigm is shifting. Is your institution ready? Ricoh's Manabu Intelligent Classroom is a complete solution that integrates tablets, laptops, projectors, interactive whiteboards, classroom and content management software, video conference systems, multifunctional printers and others in an all-in-one service to meet the needs of your organization.

**Manabu is designed to empower teachers and enhance student learning.**



#### Multifunction Printer

Scans, prints, fax and copies. Internal memory. (B&W or C) Interactive touch screen display, Wired or wireless connection, security printing, 31 prints per minute and different paper sizes.



#### Class Management Software and Content Storage In the Cloud

Share content from teacher's tablet to students: present, showcase, blank screen, quizzes & polls, block access and assessment tools.



#### Interactive digital Whiteboard:

Lets you present/import documents, share them wirelessly, write/draw on them, save changes, integrate document cameras and videoconference.



#### Ultra short throw video projector and matt projector screen

Present wired or wireless. Different video inputs & network connection.



#### Document & Object Camera

with zoom, multi-directional positions and video recording.

#### Videoconference System:

Include teachers or students from other locations. All in one HD system: camera, mic, speaker, codec, zoom & remote control, connects to the network with ethernet or wireless. Up to 100 simultaneous video calls.



#### Interactive Kit:

Convert a projector screen into an interactive display to write and draw on. Share and save it with others.

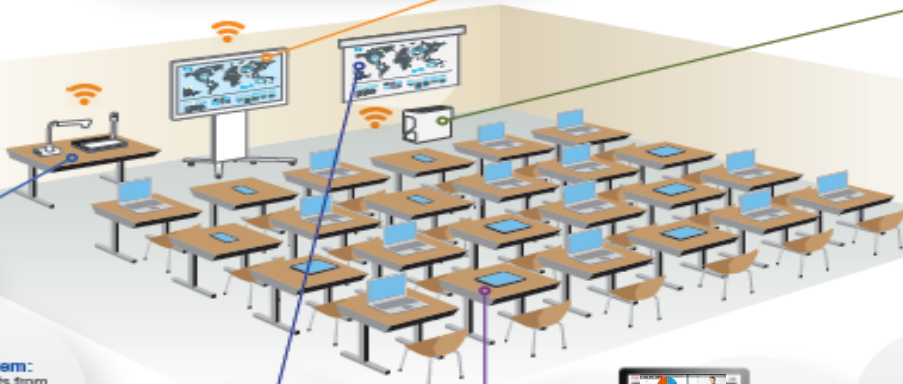


**Tablets** to access content shared by the teacher, solve exercises, answer tests & live polls. Ask questions, take notes, send them by email, access to videoconferences, manage learning progress, print and present on projector wirelessly, access campus network & content resources, etc.



#### Access content and applications on any device

Videoconference App. Collaborate with others, save notes and content.



**RICOH**  
imagine. change.