

Clientes no Brasil

Hospitality



















Governo





























Educação

















UFBA



















INSTITUTO FEDERAL













Trends in Education



Ruckus Proprietary and Confidential

A Day in the Life



8:00AM ResHall

- Check social media, txt, email on phone
- Check classes on tablet
- Microwave breakfast
- Stream Spotify playlist to Wi-Fi speakers
- Wirelessly print report due today



- Xbox gaming
- Netflix binge viewing on AppleTV
- Download new movie on iTunes

9:00AM Lecture Hall

- Use laptop to post notes to Evernote
- Google for answers
- Live polling on phone
- Check friends' posts



10:00AM Quad



- Online gaming on phone
- Check campus portal for TA office hours
- Work on English paper on Google Docs

12:00PM University Center/Student Union

- Use ApplePay to buy lunch
- Download games
- Check campus portal for TA office hours
- Stream Spotify playlist
- Work on English paper on Google Docs

2:00PM Stadium

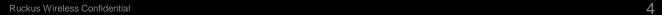
- In-game phone app
- Upload Instagram photos
- Send Tweets each score



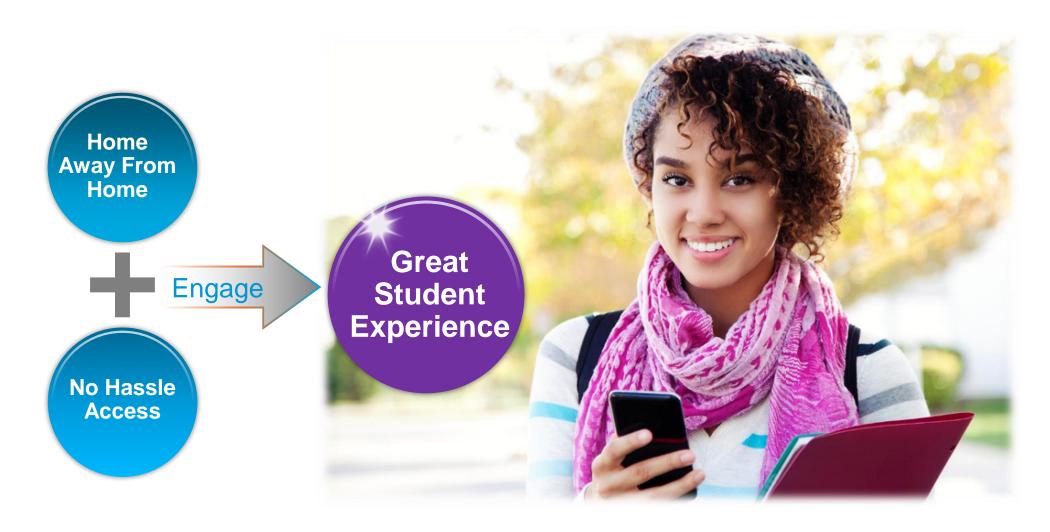


- Research online for science project
- Group study call using MS Lync
- Wirelessly print research findings
- Capture video clip to embed in project





Elevating the Student Experience





The Basics to Elevate Student Experience

Performance · Wi-Fi that just works and performs on demand & Reliability Coverage Campus-wide, without gaps • Density in lecture halls, classrooms, library, Capacity stadium, outdoors for graduation or other events • Get connected, stay connected within buildings, **Onboarding** across campus or between campus locations • Drive adoption of secure network access Security • Protect research, student identity, privacy WLAN - Provision, monitor, manage, re-deploy Visibility BYOD – On/offboarding, policy management & Control



A simple formula for success



Performance & Reliability

BeamFlex+, ChannelFly, resilient controllers

Coverage

Access points and SmartZone controllers Indoor, outdoor, mesh and P2P access points

Capacity

802.11ac Wave 2 access points
Carrier-grade controller scale and resiliency

Onboarding

Cloudpath interruption-free user experience SmartRoam+ seamless handoff

Security

Cloudpath certificate-based authentication VLAN isolation

Visibility & Control

SCI Analytics, vSZ, ZonePlanner Cloudpath policies and reporting

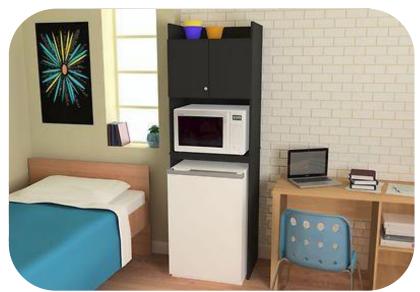


Home Away From Home

Residence Hall Wireless "anything goes"

What's the Difference? Dorm vs. Residence Hall

"RESIDENCE HALL" stands for "Really Exciting Sensational Individually-Designed Enlightening New College Experience that Houses an Abundance of Life and Love."



"DORM" stands for "Dismal Ordinary Room of Mine"





H500 802.11ac Wall Switch

Ideal for residence halls:

 802.11ac 2X2:2 Access Point Reliable fast Ruckus patented BeamFlex+ adaptive antennas connections for IPTV optimized for in-room performance **Sleek** aesthetic form factor 4 port wired switch for game consoles, printers, AppleTV and more **Deploys in minutes** for brief room access No drill installation ideal



for historic buildings

Home Away From Home

Personal Student Networks



Personal Student Network Solution



Applications

- NAS
- Bonjour Ecosystem
- > Printing

Challenges Addressed

- Stored media visibility and access
- Chatty protocol network congestion
- Resource proliferation
- Unwanted borrowing



Access

- 'Preboarding'
- Secure BYOD x.509
- Self-service portal
- Per-user VLAN isolation
- Secure onboarding of BYOD devices
- Over-the-air encryption with user identity

- Connectivity
- Layer 2 isolation
- Per-user VLAN
- Integration with BYOD
- 802.11 collision domains cause latency
- Large networks are hard to troubleshoot
- VLANs don't scale well



HIGHER EDUCATION OVERVIEW 13

The problem with passwords





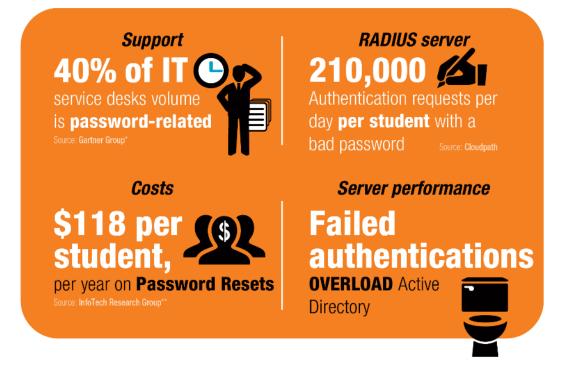










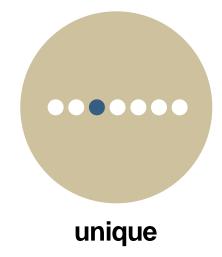




Certificates can provide a solution











Cloudpath Features

Automated Onboarding

Self-Service Portal Automatically Provisions Devices For Network.



Certificate Infrastructure

Policy-Enabled Certificates Tie User, Device, and Policy Together Without Passwords.



Device Visibility

Tracks Who, What, & Why
Of Every Device On Your
Network.





Cloudpath ES

Designed To Deliver The Best User Experience on Single and Multi-Vendor Networks. Providing Lower Support Costs For BYOD, Guests & IT Assets.



Securely Simply

Gold Standard Security That Is Simple For Users & Administrators.



Rich Policy Control

VLANs, ACLs, & Policies Based On User, Groups, Device & More Give Per-Device Control.



Broad Device Support

iOS, Android, ChromeOS, Mac OS X, Windows, Linux & More.



Wi-Fi Reliability

Eliminates Password-Related Disconnects and Re-logins, Lowers Support Costs



Example screen shots of Cloudpath onboarding



Is this a Guest?



Login via Facebook
Use your existing Facebook credentials to authenticate to the network.

Login via Linkedin
Use your existing Linkedin credentials to authenticate to the network.

Login via Linkedin credentials to authenticate to the network.





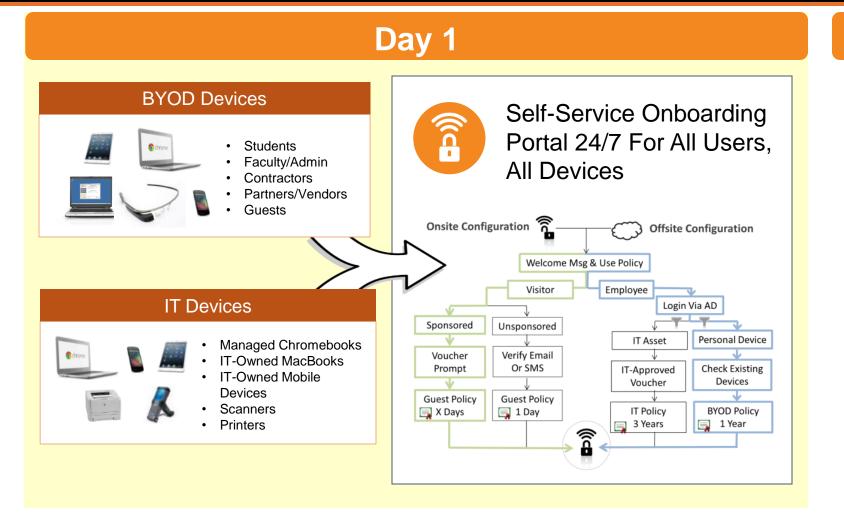
Download wizard



Self-register options for Guests



Self-Service Onboarding – Even During Summer/Winter Breaks



Day 2+



- Automatically connects
- Add headless devices too
- No need to login repeatedly
- No passwords to remember
- Good until cert expires
- No need for IT to touch device

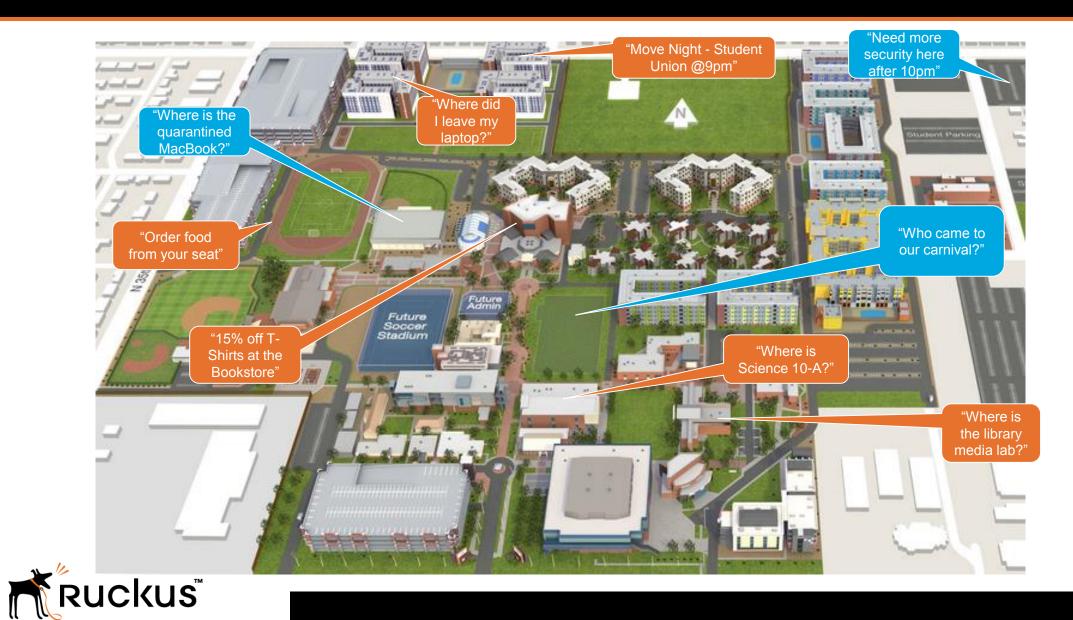


Student Engagement

Campus engagement enhances student experience

Which Class of Service Could Help Your Campus? Tours and Lost and Found Engage **School Events Students** with **Location Based Services Emergency Planning** 沪 **Campus Notification Campus Planning** Maps and Directions and Layout Promotion and IT Policy/Geofencing Advertising

What might engagement look like?



Targeted Ads or Messages







Safety/Notification App for Students









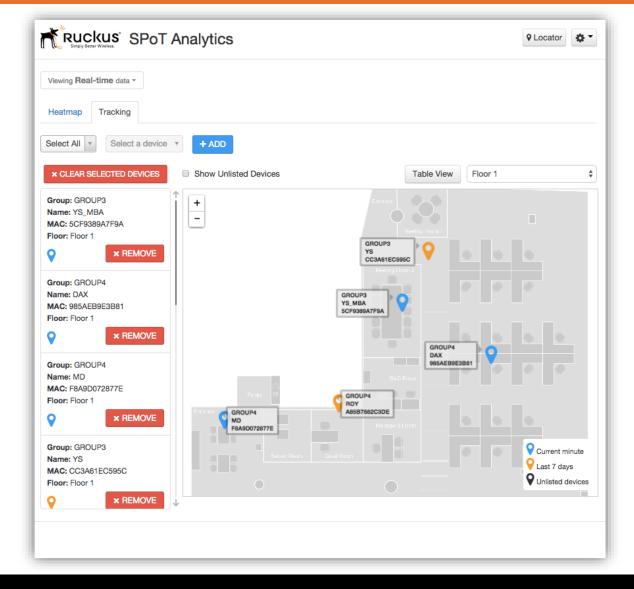


App is available on browser with no download needed



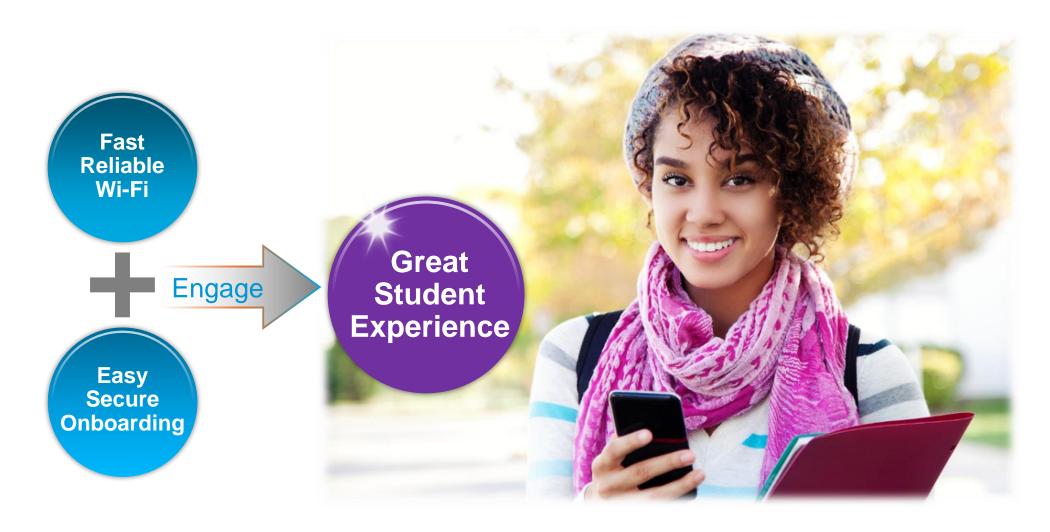
Lost & Found – Using SPOT







Elevating the Student Experience





Hi-Ed Preferred AP Models







