illilli CISCO

BYOD and the Cloud

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APP mail Phone































Host Based

Worms

Antivirus

Network Perimeter

Spyware Rootkits

IDS/IPS

Global Visibility

APTs Cyberware

Reputation & Sandboxing

Cloud Control

Increased Attack Surface

Intelligence & Analytics

2000 2005 2010 Tomorrow





Onboarding

- ✓ Authenticate User
- ✓ Fingerprint Device
- ✓ Apply University Configuration
- ✓ Install Applications







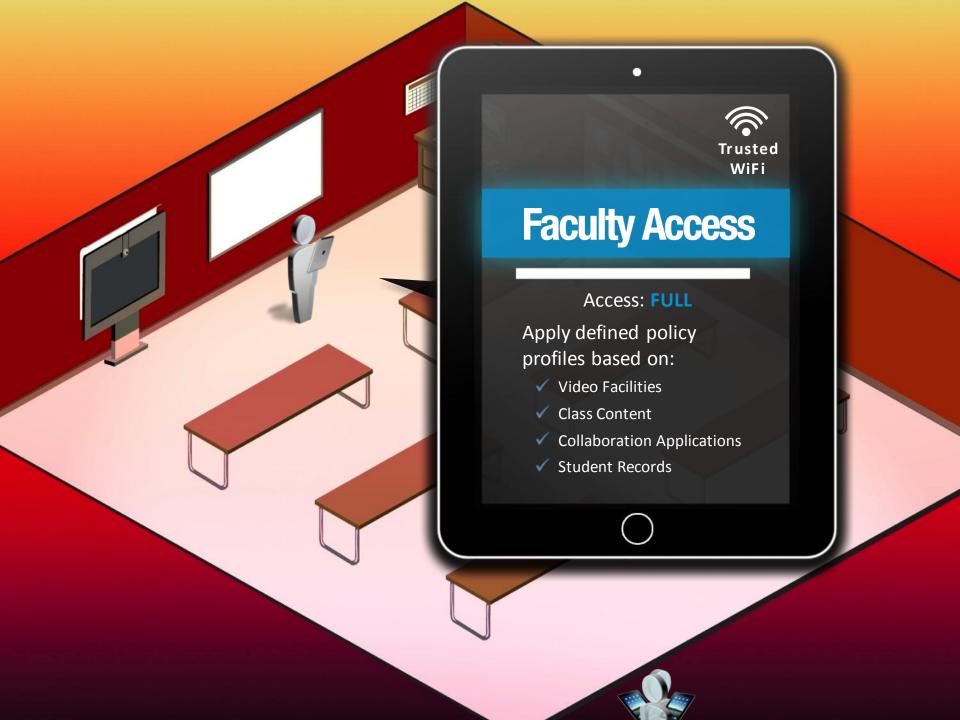
☐ IDENTITY 2.0 GENERATOR

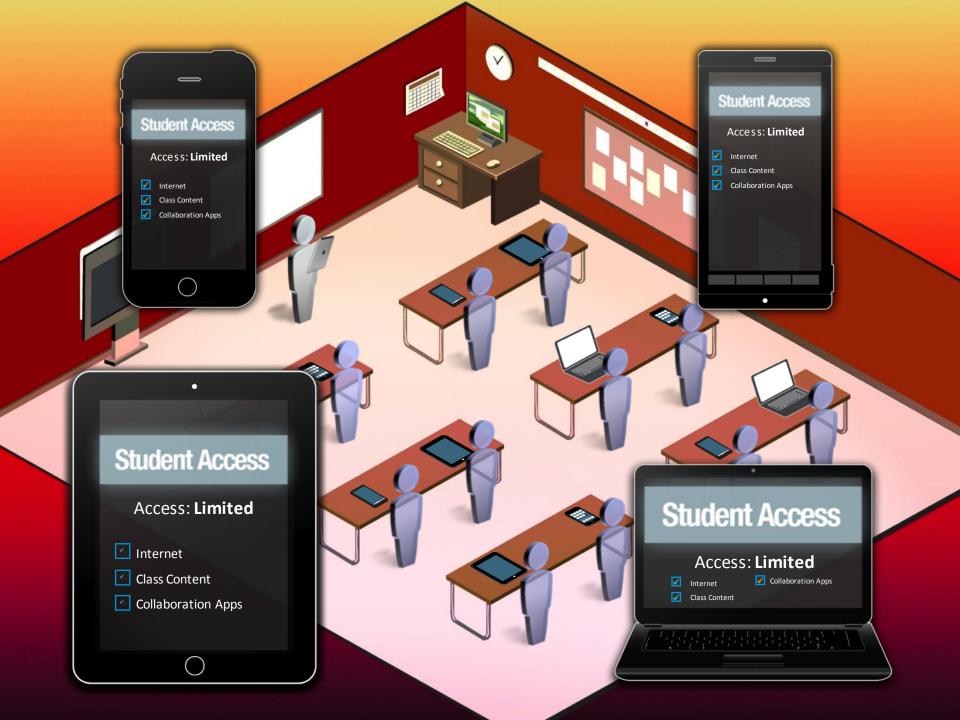
Generate Identity

Generate network







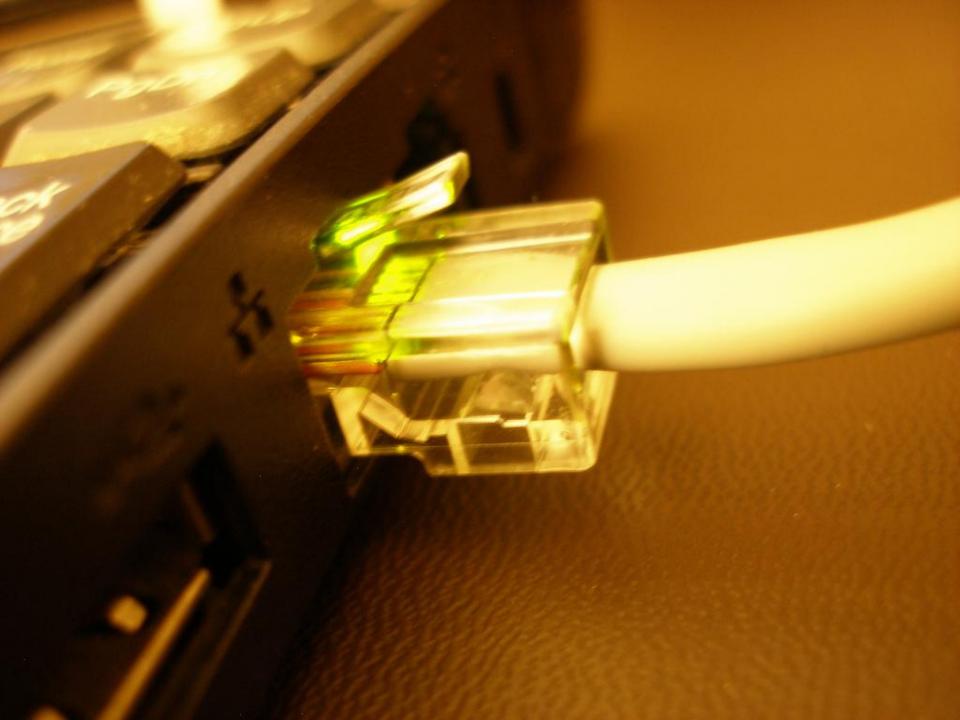




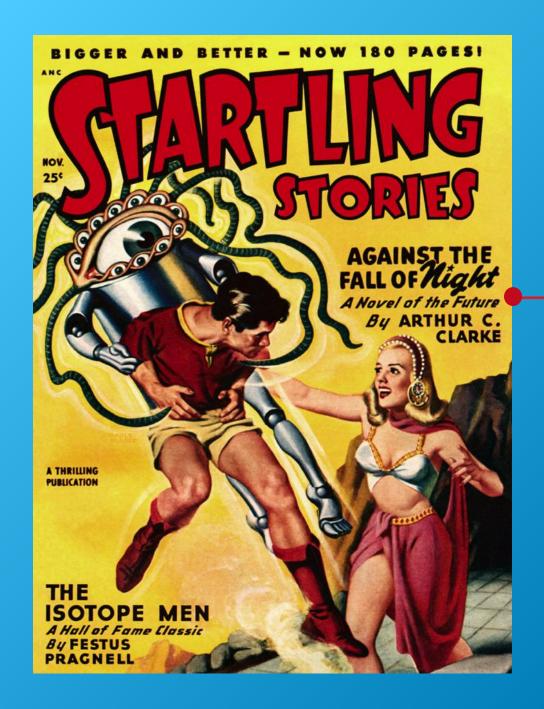


What level of service do they receive?









"Any sufficiently advanced technology is indistinguishable from magic."

Arthur C. Clarke

Nice to Have

Pervasive

Media-Rich Apps

Mission Critical



300 Mbps

802.11ac Wave 2 3.5 Gbps

802.11ac Wave 1 1.3 Gbps



802.11a 802.11g 54 Mbps

802.11b 11 Mbps













Decline

Accept













