

# BYOE

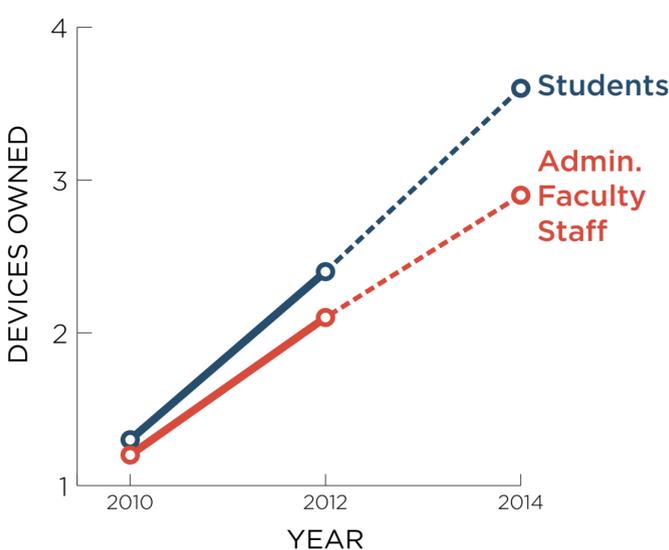


BRING YOUR OWN



EVERYTHING

## IT leaders are bracing for the proliferation of mobile devices



**60%**

of faculty and staff are estimated to bring their own devices to campus by 2014

**47%**

will provision their own cloud-based or online collaboration service

*IT leaders say "Bring it on"*

## Planning doesn't have to precede action when it comes to BYOE

Few institutions have formal planning strategies for user-provisioned technologies, but all are accommodating them in one way or another:



## COST SAVINGS ARE ELUSIVE



Many IT leaders are motivated by cost savings...

**81%**

of IT leaders are motivated to reduce procurement costs of institutionally provided technology

...yet many predict it may cost more

**84%**

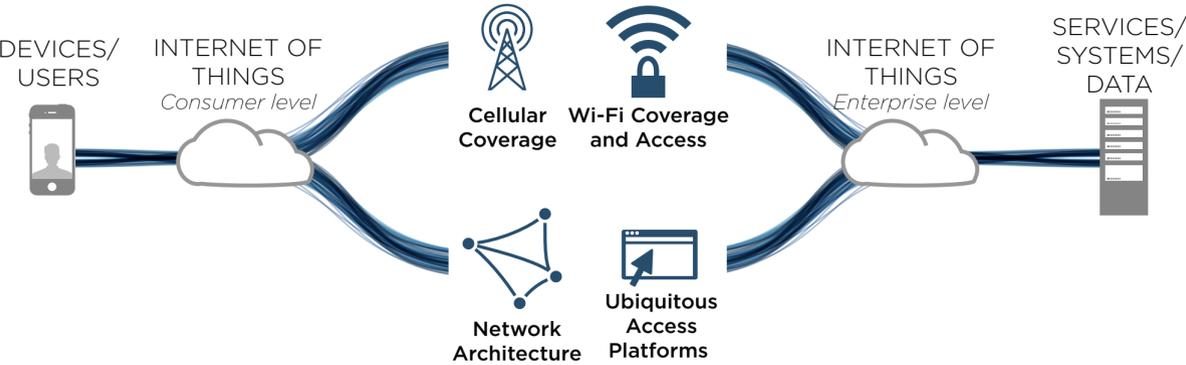
of IT leaders estimate cost increases for BYOE-related infrastructure upgrades over the next two years

## INFRASTRUCTURE



BYOE middleware are the infrastructure components that bridge users, their devices, and their consumer-level applications to the institution's data, services, systems, and enterprise-level applications.

### Infrastructure as middleware



## SECURITY CHALLENGES



### Focus on security

**77%**

Focused on managing data and access

**34%**

Focused on managing devices and assets

**60%**

Deployed tech. for securing data

**48%**

Deployed tech. for preventing data loss

The most important things to do for managing BYOE security risks:



### Risk Management

- + Securing data
- + Managing access
- + Securing systems and networks
- + Managing identity and authentication



### User Awareness

- + Raising user awareness
- + Educating users
- + Enforcing compliance

## TEACHING & LEARNING



The prospect that most excites IT leaders in higher education about BYOE is the opportunity to diversify and expand the teaching and learning environment.

Three exciting prospects for BYOE:



Increasing student engagement with technology



"Walking the talk" of extending "the classroom" to anytime, anywhere



Making campuses desirable places to engage with technology and technology-enabled learning

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The data from this infographic come from the ECAR report *The Consumerization of Technology and the Bring-Your-Own-Everything (BYOE) Era of Higher Education*. Visit [edUCAUSE.edu/byod-it-consumerization](http://edUCAUSE.edu/byod-it-consumerization) to view the full report.

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