# Embracing the Mobile Device/BYOD Challenge at VCCS

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# VCCS - Who we are

- 400,000 students annually
- 700,000 underemployed Virgians annually
- 23 Colleges, 40 campuses
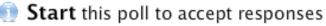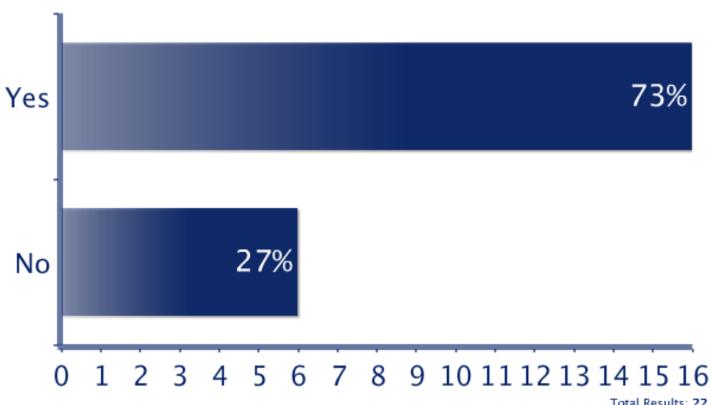- Range in size from 500 to 80,000 students
- 17,000 faculty / staff

# Enterprise Scale

- World's largest PeopleSoft SIS (20M records)

- One of the world's largest BlackBoard instances (peak 30M hits/month)
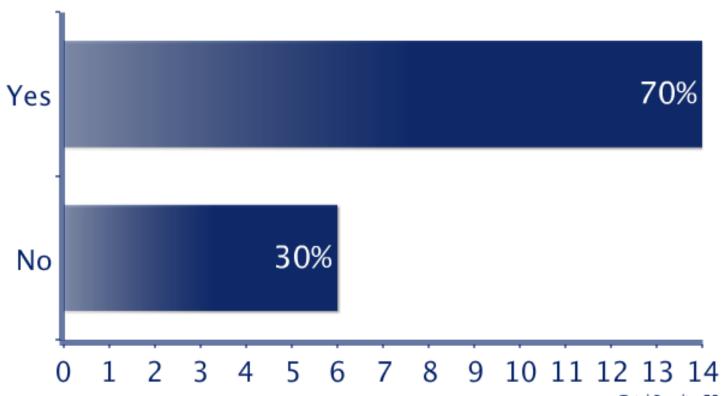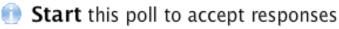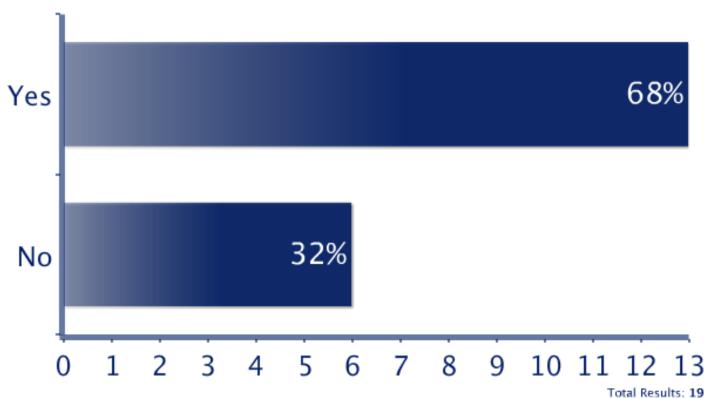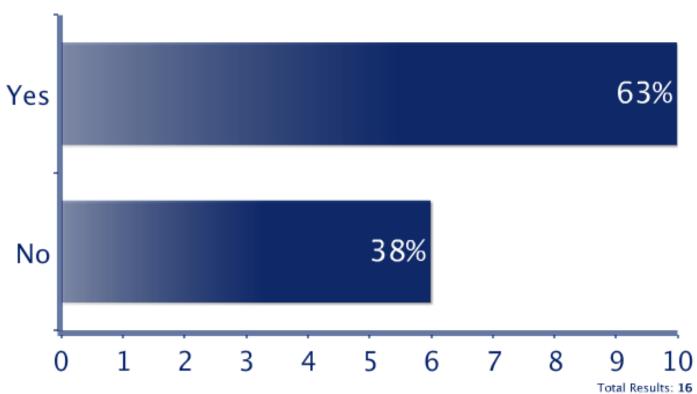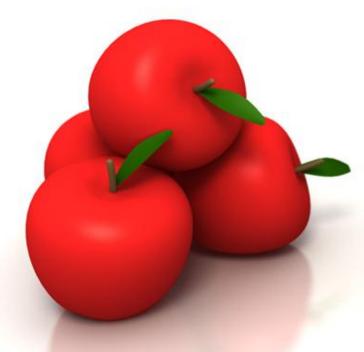
# What VCCS Needs to Solve

- Securing existing mobile devices
  - Agent based
  - Remote desktop
- Prepare for BYOD
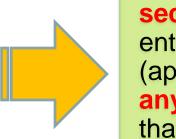
# New "Mobility"

## Old

Mobility is focused on connecting an **enterprise employee**, using a standard **enterprise asset** managed in compliance with enterprise IT standards

## New

Mobility is now about **securely projecting** the enterprises capability (applications) onto almost **any device, anywhere** that connectivity can be found

# Differences between Mobile and Desktop

- Mobile devices are
  - Shared more often
  - Used in more locations
  - Prioritize user experience
  - Have multiple personas
  - Highly diverse

# The New Wildcard (Location)

# Data Risk Appetite

**Minimal** – Legal, HR, Security

**Cautious** – allow while considering risk

**Open** – with basic security

**Hungry** – allow all devices to attract younger talent

# BYOD – What is involved?

- Human Resources – policies
- Legal – legal requirements
- Security – protecting sensitive information
- Learning – training users on options
- Governance – is mobile delivering value?
- IT – Persona management tools

# What might we gain

- PC replacement cost avoidance
- Personnel cost avoidance
- Energy savings
- Data anywhere, anytime, any device

# VCCS - Security

- Encryption
  - Entire device
  - Containers (Agent based)
- Remote wipe
- Virtualized desktops
- Strong authentication

# Current Policy Development

- VITA / DOA
- Currently on third draft of VCCS policy
  - Mobile
  - BYOD
- Additional user AUP for BYOD

# Mobile / BYOD Core Considerations

- You have a *published policy* on Mobility, BYOD & Workstation Security

- The *practice in your enterprise* matches the policy that is published

- Your *users understand their responsibilities* in a Mobile/BYOD environment

- You have the *technology in place* to ensure that the devices connecting into the enterprise are indeed compliant to the policy.

# Questions?

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