



# **Bring Your Own Device BCSC Experience**

TIES 2011 EDUCATION TECHNOLOGY CONFERENCE  
CoSN CTO SYMPOSIUM: USING TECHNOLOGY TO REIMAGINE LEARNING  
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# District Overview

- The District

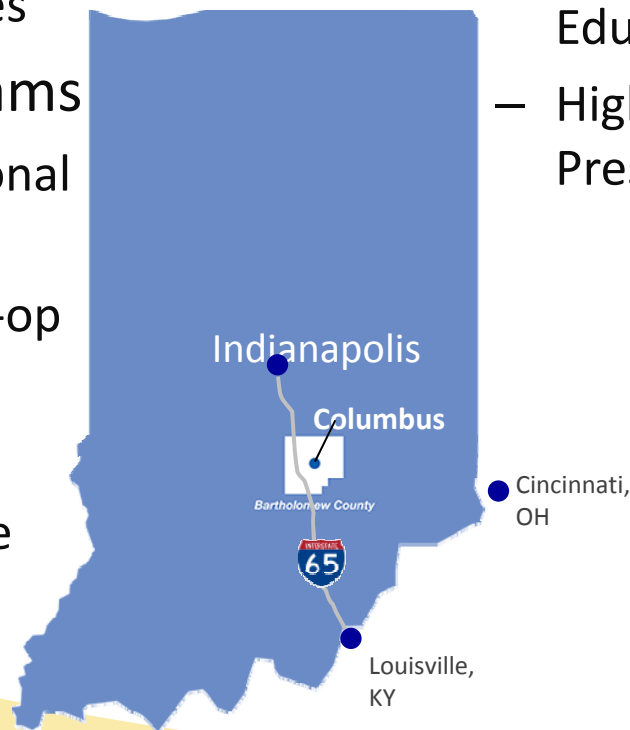
- 11,200 students
- Pre-K to Adult Ed
- Over 300 square miles
- 20 instructional sites

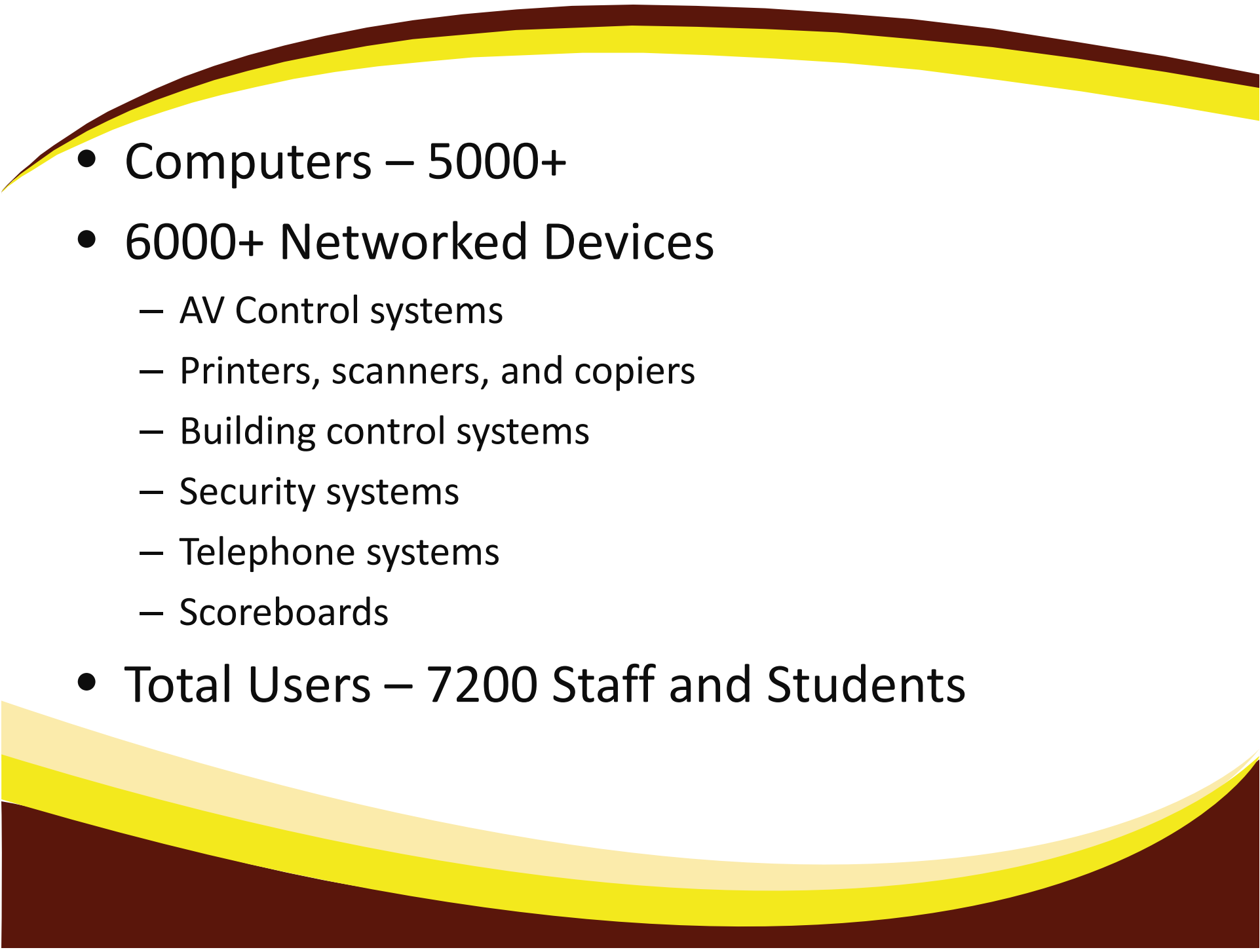
- Instructional Programs

- Technology/Vocational Co-op
- Special Services Co-op
- Adult / Alternative Education
- Columbus Signature Academy

- The Community

- Strong, vibrant business community with international presence
- Established Business-Education partnership
- Higher Education Presence



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- Computers – 5000+
  - 6000+ Networked Devices
    - AV Control systems
    - Printers, scanners, and copiers
    - Building control systems
    - Security systems
    - Telephone systems
    - Scoreboards
  - Total Users – 7200 Staff and Students



**Columbus Signature Academy  
1:1 Environment**

# Columbus Signature Academy

- Established in 2008
- Approximately 1200 students
- Grades K-12
  - 2 elementary schools
  - A portion of a middle school (part of New Tech Network)
  - A stand-alone high school (part of New Tech Network)
- 1-1 laptop/wireless environment
- Project-based instruction



## Experiences and Learnings

- School culture drives repairs
- Plan for batteries
- Loss/theft much less than expected
- Ground Web 2.0 in instructional relevance



**BYOT Pilots**



- In the beginning...



- Expanded 1:1 deployment for secondary schools
- Visits and plans
- Wide ranging impacts

- And then reality reared its ugly head...




- Changes in funding
- Detailed 5-year funding plan

# Bring Your Own Device

- A program that allows students to use their own equipment within the school to complete assignments
- Initial planning October-November 2010
  - Identifying teachers / student audiences
  - Developing data to be gathered
  - Addressing equity
  - Controlling student access
- Pilot implementations
  - Launched October 24, 2011
    - More than 20 teachers
    - 1380 students in 4 schools
    - 300 BCSC devices
    - 500+ unique devices have connected as BYOD



## Learnings and Experiences

- More than 200 outside unique devices
  - Questions
    - How has this changed your instructional delivery
    - How has this changed your classroom management?
    - Have your students become more engaged and how?
    - Considering things under your control, what would you do differently?
  - Infrastructure is key
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## Additional References



- Horizon Report 2011
  - <http://www.nmc.org/horizon-project/horizon-reports>
- Gartner Group – Hype Cycle for Education 2011
  - Available for BCSC use through the Consortium for School Networking