GigE Wireless Solutions for Education Applications

BridgeWave

Gigabit Point-To-Point Wireless Bridges

BridgeWave Communications

With thousands of GigE links installed, BridgeWave is today's leading provider of high-capacity wireless solutions to over 120 education institutions across the United States and Canada

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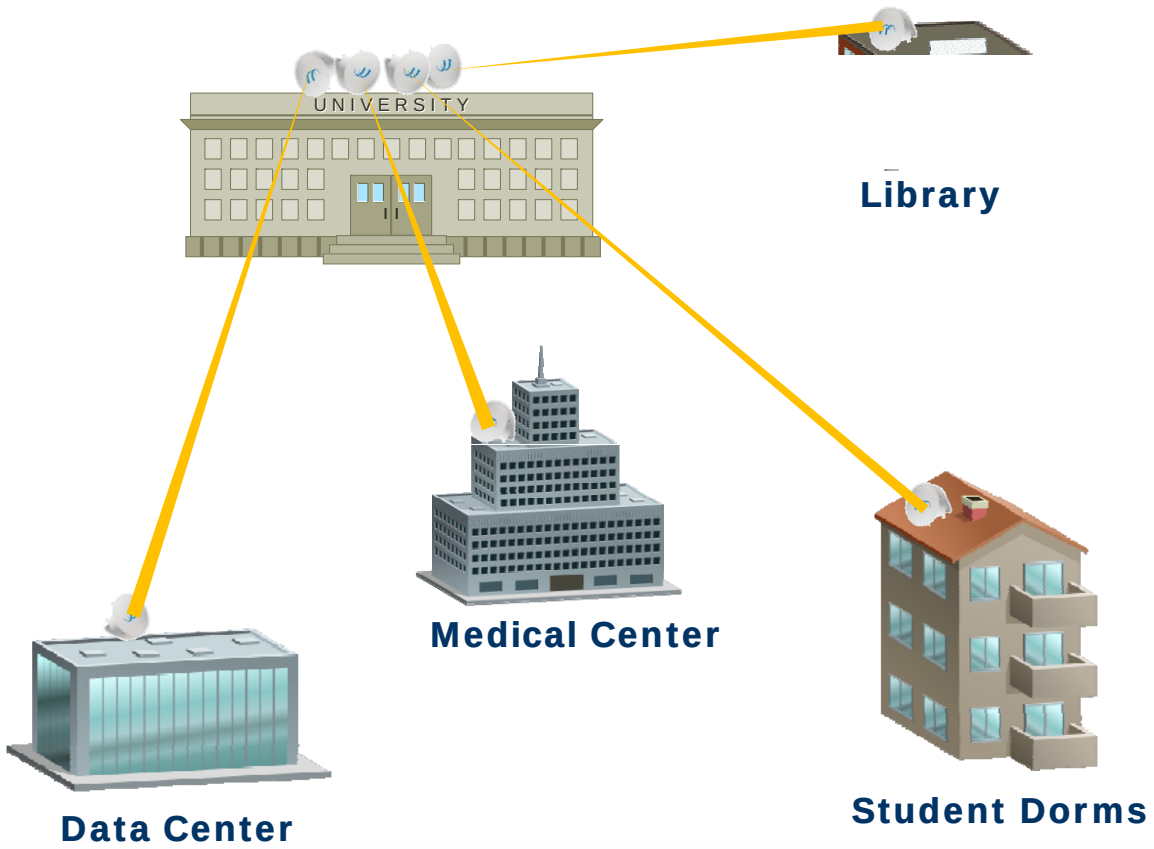
A Sample of BridgeWave's Education Users

Higher Education Campus Connectivity



™Fiber capacity to every building?

™Gigabit wireless goes where fiber doesn't reach!

Cornell University

- **Challenges:**
  - Severe weather hindered network connections
  - Limited connectivity in times of disaster
  - Costs of $2M for fi ber exceeded budget

- **Benefits:**
  - Reliable, uninterrupted campus connectivity
  - Complete disaster recovery strategy
  - 256-bit AES provides high ly secure transmission

"BridgeWave's AR60X links not only provided a solution to our previous network vulnerabilities, but also se rved as a 'future-proof' di saster recovery solution."

- Ed Kiefer
Manager of data networking, Cornell University

George Brown College

- **Challenges:**
  - Integrate nine buildings on two campuses
  - Impending fiber connection price increase
  - Maintain Service Level Agreements
- **Benefits:**
  - Complete ROI in less than 8 months compared to fiber
  - Ultra-low latency for VoIP & video

"We are so happy with our original four gigabit wireless links that BridgeWave's GE60s have become our standard for connecting new buildings."

- Yves Hébert
  CIO, George Brown College

Arizona State University

- **Challenges:**
  - Provide gigabit service to off-campus partner
  - $600K for fiber connection too costly
  - Needed low latency for VoIP and video
- **Benefits:**
  - Reliable network backbone connection
  - Connection ready in days, not months

"Not only did BridgeWave's AR60X product save us a substantial amount of time and money, it also provided more network capacity than competing solutions."

- Antonio Cerrera
Network Project Manager, Arizona State University

Coppin State University

- **Challenges:**
  - Needed fiber-equivalent performance
  - Quick installation to extend network to new overflow classrooms
- **Benefits:**
  - Full GigE bandwidth
  - Quick installation
  - No long term leased-line contract

" The performance of BridgeWave's gigabit wireless links has been seamless, without any additional OPEX costs, and with very little support needed from our IT staff."

- Dick Rader,
  Director of Telecommunications, Coppin State University

Rush University

- **Challenges:**
  - Swiftly provision high-speed connections to relocated outpatient clinic
  - $500K fiber installation was well out of budget
  - HIPAA compliance

RUSH UNIVERSITY MEDICAL CENTER

- **Benefits:**
  - Immediate gigabit connectivity
  - ROI in 5 months
  - Secure, reliable transfer of sensitive patient information

"We have already saved $200,000 by using BridgeWave's GigE solutions instead of fiber. BridgeWave allo wed us to stay under budget with low operating costs for high-speed connections and functionality."

- Eric Schoedel,
  Voice Manager , Rush University Medical Center

California State University - Fullerton

- **Challenges:**
  - Quickly provide services to staff moving to new leased offices
  - Need gigabit capacity for programmers preparing for a large PeopleSoft implementation
- **Benefits:**
  - Fiber-like performance without the cost and delays

"....we realized BridgeW ave links provide fiber-equivalent connectivity at a fraction of the cost…and we've been pleased with the results."

- Dick Bednar,
  Sr. Director of Info rmation Technology, CSU Fullerton