



## Industry

Education: K12

Warwick, RI

## Environment

- 16 Elementary Schools
- 3 Junior High Schools
- 3 Senior High Schools

## Challenges

- Public Funding
- BYOD
- 1-1 Wireless Support

## Solution

- HP Procurve
- Aerohive Wireless

## Key Benefits

- Reliability
- Scalability
- Performance

**Summary:** Warwick Public Schools is a school district located in Warwick, Rhode Island. The district consists of Drum Rock Early Childhood Center, 16 elementary schools, three junior high schools, three senior high schools, and the career and technical center.



WCA knows that technology access in our schools is an important investment in all children's future! Investment in our students must include access to technology that will improve instruction and prepare our students for success in a global economy.

For this reason, the Rhode Island Department of Education (RIDE), alongside a host of others in our educational community, have worked hard to include the Governor's budget, which includes two technology infrastructure investments that will provide wireless access to the Internet in every classroom. The Wireless Classroom Initiative will provide \$20 million to expand wireless access to classrooms across the state over the next five years.

**Challenges:** Like most schools in New England, Warwick Public Schools had to find a way to integrate new technology on a limited budget. Another challenge was the short window to work on all 22 schools in the district. Summer was the best season to do so, but also the busiest time of year.

**Solution:** WCA implemented a HP Procurve solution providing 10GbE backbone with 1GbE with Power over Ethernet to support all the devices. Aerohive Wireless was installed to support secure 1:1 Wi-Fi throughout the 22 schools. Furthermore, WCA also provided the physical wiring to support all the equipment throughout the buildings.

**Benefits:** The entire school district of Warwick received a state of the art new network infrastructure and wireless to support 1:1 initiatives. This included the enabling of every classroom in the district with wireless technology.