



Vector Resources' solutions work so well, we've got the math club seal of approval.

PROJECT SUMMARY

- As a longtime partner with the San Diego Unified School District, Vector Resources consulted on and executed network upgrades at nearly 30 district-owned sites.
- Each site's existing network infrastructure was evaluated for compatibility with new networking equipment and re-wired if needed. A majority of sites also saw the installation of wireless networks.
- Vector's procedures and processes stood out, setting standards for performance from the district's other contractors.

The problem:

Buildings throughout the San Diego Unified School District hadn't received a network systems upgrade in years. Key network infrastructure components were outdated and incapable of performing at industry-standard levels. With the passage of local Proposition MM, the District had the necessary resources to undertake the upgrade process, but the retrofitting project would have to proceed intelligently and efficiently.

The solution:

Vector engineers consulted with the District to identify the required network upgrades at each job site, whether a school or district office building. Vector teams then tested the existing infrastructure—the copper wires and other cabling within the walls of the building—to confirm that it was able to work with the new network hardware. Deficient areas were identified and repaired, new hardware was installed, and engineers performed final testing and documentation. In all, 25–30 District sites received the Vector touch.

While these upgrades were being performed, a majority of sites also received brand-new wireless networks. Between the new network hardware and the wireless networks, San Diego's school system stands ready to adapt to future technological developments.

The future:

Vector's work methods and approach caught the attention of District officials, and as the upgrades continued Vector began setting standards that other contractors had to meet. Vector continues to plan future developments with the District.