



Specializing in network consulting, structured cabling and VoIP, Vector's the Big Man On Campus.

PROJECT SUMMARY

- As the sole cabling vendor for USC's Information Sciences Institute and Institute for Creative Technologies, Vector builds high-capacity data networks for experimental computing systems.
- Researchers at the Institute for Creative Technologies use Vector-built networks to create hyperrealistic virtual environments for research into the effects of virtual reality on psychological health.
- Vector also maintains the 3Com VoIP system installed at the Institute.

The problem:

With nearly 300 acres of land under its control, the University of Southern California is a big fish in an ever-increasing pond. As competition for research dollars and academic prestige takes place on an increasingly global scale, USC's communication infrastructure must be constantly positioned at the cutting edge of technological developments. If the university is slow to adapt to new innovations because of outdated equipment or technology, it could lose its position as one of the world's premier research universities.

The solution:

In addition to serving as one of USC's select on-campus networking contractors, Vector Resources is the sole cabling vendor for two world-class research institutes: the Information Sciences Institute and the Institute for Creative Technologies. These two research laboratories rely on Vector's expertise in network design to break new ground in high-speed computing and high-performance virtual reality. At ICT, Vector also provides support for the facility's VoIP system, giving the research scientists the latest in communication technology. As the sole cabling vendor at the two sites, Vector is responsible for supporting all structured cabling requests from the research centers, working with project staff to evaluate network performance and recommend future actions for improvement.

The future:

As USC continues to forge new frontiers in academic research, Vector Resources stands as a strong partner, providing key elements of these groundbreaking information systems.