

# Solution Brief IPv6 Deployments for Universities and Colleges



HexaBuild

*Universities and colleges rely extensively on their Internet connectivity to provide education to their students. Providing access to the whole Internet using both IPv4 and IPv6 is a requirement of a modern educational institution. HexaBuild can help your organization create a IPv6 deployment that enhances student education.*

## Facilitating Student Education

A higher learning institution would be unable to perform its educational services without robust wired and wireless Internet connectivity. Internet access is essential for students, faculty, staff, administrators and for visiting guests.

Universities and colleges perform valuable research based on grants from the U.S. National Science Foundation (NSF). The NSF now requires that universities maintain high-quality network infrastructure to receive new NSF grants, such as the Campus cyberinfrastructure grants (CC\*), that require the university networks to support IPv6.

HexaBuild is exclusively dedicated to helping our clients successfully manage their existing and planned IPv6 deployments. We assist with all phases and elements of an IPv6 adoption initiative: from IPv6 address planning and allocation acquisition to IPv6 readiness and security assessments to hands-on IPv6 training.

## Why HexaBuild for your IPv6 Deployment?

HexaBuild was founded by industry-recognized IPv6 experts with over 50 combined years of working on IPv6. Collectively, they have delivered hundreds of IPv6 training courses over that time with course content designed from experience to address many of the real-world IT needs of their customers. Learn from the best, learn from HexaBuild

## Solution Highlights

### **IPv6 Training for University IT Staff**

HexaBuild provides IPv6 training courses on a wide variety of topics to accelerate your IPv6 project.

### **IPv6 Address Planning**

Get the right sized IPv6 allocation and a future-proof IPv6 address plan to go with it (and integrate it with your IPAM solution).

### **IPv6 Enabled Perimeter**

Establish dual-protocol connectivity to your Internet perimeter and science perimeters

### **Dual-Protocol Wireless Services**

HexaBuild will assist with deploying IPv6 on your campus wireless network to facilitate "whole" Internet access for students and visitors

### **IPv6 Security**

Identify and secure the IPv6 already running on your network and develop policies and procedures to keep it secure.