



## Construction Site Solutions | [Cost-Effective, Flexible On-Site Communications & Surveillance](#)

The temporary and constantly changing nature of construction sites creates special challenges not found in other networking applications. The site itself transforms daily. The workers even change from day to day as phases get completed and different subcontractors come and go. Construction sites also have a high incidence of theft and vandalism. These and other unique characteristics create a need for flexible information access and security monitoring.

NetworkAnatomy's delivered high performance Long Haul Wireless network systems allows easy and cost-effective installation, including change, move and remove a site-wide voice, video and data communications network. Our systems can readily connect wireless access points, video security cameras, field office networks and gateways to the Internet or other networks, and more. Our systems can be self-configured and self-managed so that there is no need for an on-site network administrator. Our systems are far in advance of standard WIFI allowing for greater coverage area and reducing the need for costly wired infrastructures.



### Protect Assets and Profits with Site-Wide 24x7 Security Monitoring

Construction sites are tempting targets for thieves and vandals. Ethernet-based digital video cameras can be installed indoors and outdoors with NetworkAnatomy wireless mesh nodes to provide 24x7 security monitoring capabilities that blanket the entire site. Support for power over Ethernet (PoE) even eliminates the need for a separate power source for the camera. The video feeds from all cameras can then be monitored in real time and recorded for scrutiny later, which can be a powerful deterrent to theft and "unproductive" activities.

With a NetworkAnatomy High Performance Wireless Mesh Network you can:

- Install security cameras anywhere to control access to valuable supply stocks and tool sheds and to discourage loitering.
- Mount a camera for night surveillance on heavy equipment, such as bulldozers, graders, cranes, backhoes and trucks, then simply remove it in the morning when work resumes
- Secure office trailers and their contents, including computers, phones and records
- Enable monitoring for compliance with safety regulations
- Track workers arriving and leaving sites to verify hours worked
- Reduce insurance costs with on-site monitoring capabilities
- Move cameras around as the site changes without rewiring or reconfiguration
- Easily pack and move the entire surveillance network to the next worksite
- Improve Communications and Productivity with Wireless Access