

# Assessment Services

Schools interested in optimizing their current environments or implementing new networking solutions should first analyze their existing network and cable infrastructures, along with their current and future requirements. Vector Survey & Assessment Services can help schools identify any specific needs and potential problem areas.

These services utilize capacity and performance tests to identify potential problem areas. In addition, it also helps schools' budget out projects for building a next-generation network capable of supporting increasing bandwidth demands.

### As part of these services, Vector Engineers will:

- Check network architecture and design for performance, availability, security, consistency, and manageability - Evaluate network infrastructure, application delivery, interconnectivity, router and switch configurations, and performance
- Evaluate network infrastructure age and expected lifecycle
- Evaluate existing low voltage and fiber optic cable infrastructure age and compatibility - Assess network security, including compliance issues and best practices
- Appraise network performance, including traffic patterns, bandwidth optimization, internet connectivity and network vulnerabilities
- Perform RF propagation site survey to provide insight into the wireless network and its coverage




At the conclusion of this service, Vector will provide a detailed Network Survey/Assessment Report, present the findings, and discuss recommendations and next steps.





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