

# Network Evaluation

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## Overview

Sirius Networks has a four pronged approach to network evaluation. Sirius Networks evaluates user perception, technology, administrative processes and staffing needs of the existing network. Based on this review, Sirius Networks will prepare a report of the findings and recommendations. The four key areas will be assessed via the following means:

1. **Perception** - Staff Perception of Network Performance, IT Processes, adequacy of training, etc.
  - A. Conduct Staff Surveys - the results will be tabulated and reported.
2. **Technology** - Technology infrastructure both at the core and the edge of the network will be evaluated, including the following areas:
  - A. Server Core – Including server hardware, software, operating system (OS), data storage configuration, availability and use.
  - B. Switch Core - Switch status and configuration will be analyzed and recorded, and network maps will be generated.
  - C. Routers/Firewall Core – Including routers and firewall(s) ruleset and performance.
  - D. Internet Connection Core - Bandwidth use.
  - E. Edge
    - 1) Workstation Hardware - Collect workstation hardware data, including RAM, CPU and OS.
    - 2) Workstation Management - Collect information on image deployment use and management, number of images, current update status, etc.
3. **Process**
  - A. Evaluate hardware/software purchasing and approval process.
  - B. Evaluate Security Management Policies for the following areas: Servers, Workstations, Core and Network Boundry.
  - C. Document staff development and training process.
4. **Staffing Needs**
  - A. Document current staffing level and workload.