

# Network Infrastructure Assessment

## Is Your Network Ready?

Your network is now mission critical to your business and 24/7 operation is a must. Advanced security throughout your network ensures protection of your data allowing your business to continue to move forward and move ahead of competition. Leverage your investment in your system by evaluating its capabilities and the future.

## It's Time to Take a Closer Look

Allow Enventis to review your IT infrastructure and determine if it truly enables your business goals. Enventis can show you your current network capabilities and perform a gap analysis surrounding your network. This information is beneficial to develop an action plan.

## What is a Network Infrastructure Assessment?

A network infrastructure assessment consists of two different analyses that can be conducted individually or in parallel depending on the customers requirements.

### Design Review

The design review looks at how the network is logically and physically designed and configured. Enventis will conduct interviews to understand data flows and business requirements. A review if the network will then be performed and recommendations made based on best practices design principals.

#### Key Areas to Review

- LAN Analysis
- WAN Analysis
- Internet Analysis
- Physical Configuration (redundancy, speeds and feeds, components)
- Logical configuration( layer 2 parameters, layer 3 parameters)
- Component Configuration (switch and router configuration)

#### Value of the Design Review

- Insure that network is designed based on best practices
- Align network architecture with business requirements
- Provides detailed understanding of network environment
- Enables Enventis to provide better ongoing support

#### Deliverables

- Network Design Analysis Report
- Onsite review of Assessment with Enventis Engineer
- Recommendations for improvements

### Performance Assessment

Using a network analysis tool to identify network elements operating in your system today, Enventis will prioritize areas for concern such as high utilization and errors. Following the analysis, Enventis will present a report detailing your network identifying network weaknesses or areas for improvement and discuss recommended upgrades.

#### Key Areas to Assess

- WAN circuit utilization
- LAN Switch to Switch link utilization
- Router and switch CPU utilization
- Router memory utilization
- Per locations traffic analysis (top talkers, top protocols, circuit errors, etc.)

#### Value of the Performance Assessment

- Traffic profiles for specific network segments
- Define capacity issues that contribute to performance delay
- Breakdown and analyze end-to-end capacity bandwidth
- Scope bandwidth pipes for optimal performance
- Avoid costly emergency bandwidth upgrade issues
- Reduce user complaints due to network congestion
- Plan for future network bandwidth and resources
- Understanding of health of the network

#### Deliverables

- Network Performance Analysis Report
- Onsite review of Assessment with Enventis Engineer
- Recommendations for improvements

Contact your account executive today to schedule your Network Infrastructure Assessment. 763.577.3900