

# LAN assessment

An ASI Solutions Local Area Network Assessment provides detailed reporting of the performance of your LAN infrastructure. The information is collected over a predetermined period using administrative access to all routers and switches. The main goal of this kind of assessment is to provide the information required to understand the current performance and error conditions of your Local Area Network.

92% of senior IT decision-makers say their networks need major work.

Over 50% must take remedial action for network outages several times a week or month, if not daily.

*Study conducted by Vanson Bourne, 2014*

## **LAN (Local Area Network) Assessment**

As IP Telephony and other bandwidth-intensive applications emerge as viable choices for implementation, organisations need a way to accurately evaluate their network capabilities before undertaking these projects. Recurring network issues for existing infrastructure also demand expert detection and analysis. Some other bandwidth intensive applications may include; Video conferencing, Virtualisation, Network-based storage and Network-based backups



Contact us to book your LAN Assessment  
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# WHY

# DO

# YOU

# NEED

# A

# LAN

# ASSESSMENT?

## Benefits

- A complete understanding of the Local Area Network topology
- Identifies routers that are over utilised or performing poorly
- Redundancy like spanning tree or stacking
- Identifies any speed/duplex mismatches on the LAN
- Review the network design based upon standards, its current performance and ability to meet the organisation's requirements
- Review your current VLAN configuration
- Get a baseline for future implementations

The ASI Local Area Network Assessment analyses the CPU and link utilisation on all routers as well as, collisions, CRC errors, late collisions...etc. in the Local Area Network switched environment. These parameters better assist you in determining what part of the network is in need of more in-depth attention.

## Outcomes

- Recommended redundancy options
- Network devices configuration review (routers, switches, etc)
- Technology Assessment reports
- Local Area Network Visio diagram depicting the network topology
- Local Area Network error report pointing out trouble spots in the LAN
- Recommendations Report for upgrading and performance enhancement steps, including general practice recommendations

## Why Choose ASI Solutions

ASI Solutions has held the role of Australia's most innovative and pioneering business technology partner for over 30 years. Its global technology offerings and professional implementation model provides greater efficiency and returns for all our customers. With real insight into the external forces impacting IT environments, we balance the needs of business today and help our customers transition to the operating challenges of tomorrow.

## LAN Expertise

ASI Solutions make networks, applications, and the people who use them work better together. Today, the network is a strategic platform in a world that demands better integration between people, information, and ideas. The network works better when services, together with products, create solutions aligned with business needs and opportunities.

## Our Process

The key to a successful testing cycle is a repeatable process. The ASI engineering team maintains strict internal process standards to ensure that LAN assessments are sensible, repeatable, and are providing the correct information for the client's needs. The engineering team can tailor individual test types to specific services and infrastructure needs for your business.

The process includes an on site discovery process, offsite consolidation and analysis of the collected data, producing outcomes and recommendations that will be brought back to the business by an ASI Business Development Manager for discussion and review.

## What Now?

Contact us today to see how ASI Solutions can help you enhance your IT environment to achieve real business outcomes.