

# WIDE AREA TRAFFIC ASSESSMENT

## Service Summary:

The ACR Wide Area Traffic Assessment provides detailed report of the applications and data traffic that traverse the critical links in your corporate network. The information is collected using specialized application probes, which are non-intrusive to your network. The primary goal of this service is to provide the required information to understand the protocol and application mix of targeted WAN links, and the performance metrics of those applications.

## Features and Benefits:

This assessment provides the following features and benefits:

- A complete understanding of the protocol and applications that consume critical WAN links.
- Identification of applications that are performing poorly or are “starved” for bandwidth over the WAN.
- Identification of performance efficiency of critical applications.
- Knowledge of transaction response times for key applications.
- A better understanding of where to manage WAN bandwidth and where to increase WAN bandwidth.

## Approach:

This ACR service utilizes a specialized application probe to collect quantitative application and performance data. This data forms the foundation of the service, with expert analysis applied to determine application performance peaks, valleys, and potential problems for applications that are potentially starved for WAN bandwidth. ACR utilizes traffic management algorithms and provides specific recommendations for improving application performance through improved bandwidth management. This information captured in a report that is presented to and reviewed with the Customer.

## Key Deliverables:

This assessment delivers the following outputs:

- Application Traffic Discovery Report.
- Application “Top Ten” list based on bandwidth consumption.
- Inbound Bandwidth Utilization Report.
- Outbound Bandwidth utilization Report.
- WAN Optimization Summary and Recommendations.

## Service Requirements:

ACR requires the following prior to executing its WAN Assessment:

- Physical access to one endpoint of the target WAN.
- An IP Address and subnet mask on the endpoint LAN that ACR can assign to the analysis device.
- The IP Address of Default Internet Gateway, DNS Server, and other applicable Network elements.
- A list of known business Applications resident on the target WAN.