Consulting Services

Network-Enabled Device Management

Discovery guidance for
Sample School District
February 28th, 2018

Teq

What's inside this report and how will it help?

Network Summary

With this document you can review the answers you gave on your **IT survey**. You can also review the findings of the **zero impact network performance** device.

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Expert Analysis

A Teq Specialist will analyze your the IT survey and Posse munere suavitate ad pro. Pro no virtute appellantur liberavisse, epicurei accusata ad vel. Mea ei diam veritus detraxit. Usu at veri neglegentur, ei cum solet disputationi, te illud bonorum liberavisse nam.

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Basic contact information.

John Smith
IT Director

Sample School District

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john.smith@ssd.edu

Basic network information.

200+ student devices,
500 Boards

SMART Boards, Google Chromebooks
and Windows PC's

The IFP's will be connecting to the
network through a **Wired** port.

Survey results.

A proxy is being used for connectivity and content filtering.	WPAD is not implemented	There is an In-line content filter or firewall being deployed. Dell Sonic Wall
Highest wireless standard supported 802.11g	**Boarding casting speed** 5Ghz	**Average density of clients per access point** unknown
Enabled Technology Band steering and Airtime	**Access points deployed in each building** 20 or so	VLAN tagging is not at the SSID part of deployment
Wireless Security implemented WPA/WP A2	**Policies defined and enabled on the LAN** WMM	**Available IP addresses in the current DHCP scope** 500,000

Our IFP's will be playing HDCP content

Teachers will be allowed to browse the internet using the IFP's

Teacher's will be sharing students screens with the IFP's

Classrooms with device screen sharing abilities

50

Wired devices will be allowed to screen share

We will be leveraging automatic updates

Current tool/tools deployed over the network for traffic monitoring

Cisco

Next Step →

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Expert Analysis

Network Analysis

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WIFI Landscape Analysis

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Device Utilization Analysis

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If you chose to have the zero impact network performance device installed on your network, the result would be displayed on the following pages

Next Step ➡️

Zero impact network performance device - **discover, isolate, and solve problems that negatively impact network performance.**

How it works

Our zero impact network performance device is deployed in the network near the WAN edge and automatically begins examining application data on the network to identify the application and measure several key performance indicators of each session. Statistics from your network are recorded, which we can use to configure ION devices, define applications and sites, and monitor end-to-end application performance and availability.

The device is completely passive, integrates into your networks in a fault-tolerant manner, and does not manipulate or modify traffic patterns.

Benefits

Our ZINP device provides a wealth of visibility benefits to help you understand your network, quickly diagnose and resolve problems, and identify anomalies.
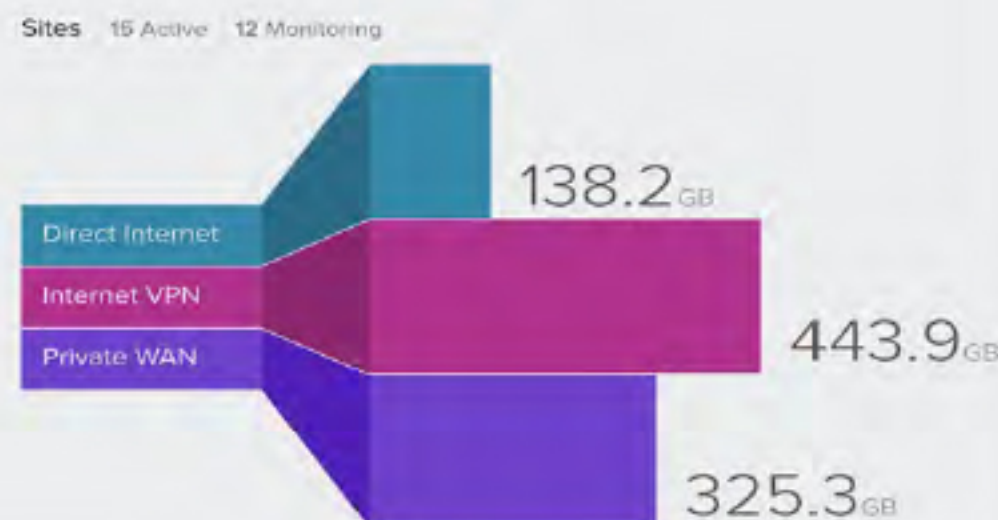
Network usage and health

We will have an instant overview of the usage and health of each of your WAN links to see how they are utilized and how they are performing.

Sample Analytics:

Usage Overview

Sites   15 Active   12 Monitoring

Understand how much data is being transmitted over each WAN link type

Direct Internet — 138.2 GB

Internet VPN — 443.9 GB

Private WAN — 325.3 GB

Concurrent Flows

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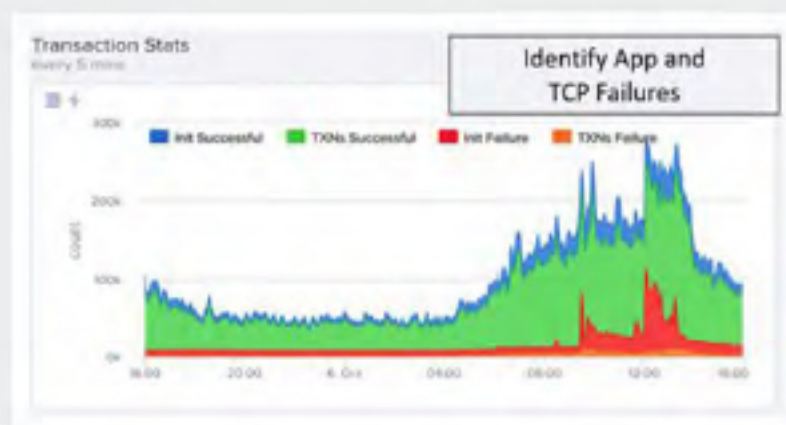

Identify Connection Spikes

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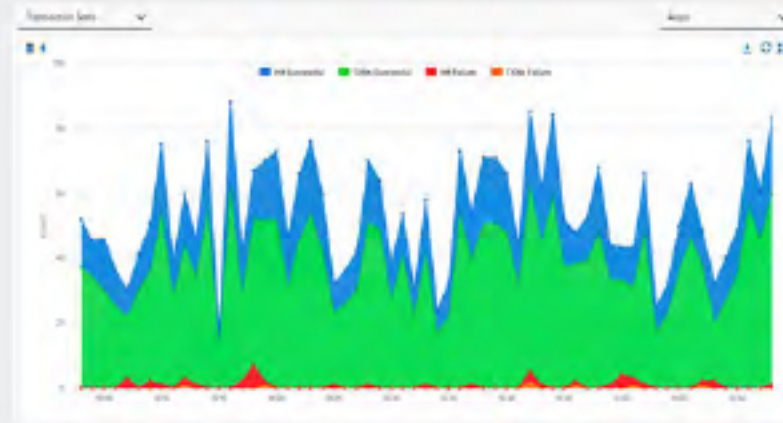

Sample results will vary

Identify Application and TCP Failures

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Transaction Statistics

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Bandwidth Utilization

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Examine Application Performance

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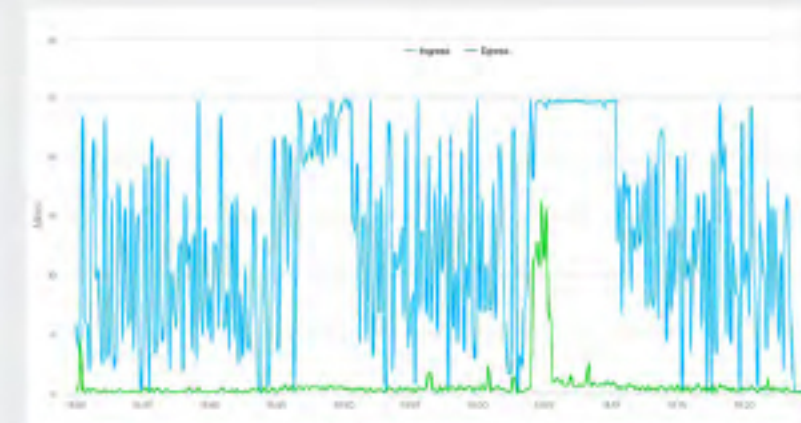

Sample results will vary

Application Quality and Health

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Link-Level Statistics

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Top Applications

Understand how much data is being transmitted over each WAN link type

Sample results will vary