

NEED A CLEAR PICTURE OF YOUR CURRENT TECHNOLOGY LANDSCAPE?

Technology is moving at the speed of thought. Your customers want a quick and seamless experience. To meet customer expectations, your company may need to accelerate your digital transformation.

Is your network ready to meet the demands for accelerated growth, expanded productivity needs, and advanced security protocols? Before you can move forward, you need to know where you are now.

ZAG has a unique offer that can help move your company into the future.



The 360 Technology Strategy Review Delivers **Clarity**



Technology Moves at the Speed of Thought Is Your Technology Success-Ready?

The *360 Technology Strategy Review* is a unique and comprehensive service. We help your organization align business goals with the technologies that will best support your digital transformation and manage competitive challenges.

HOW A 360 TECHNOLOGY STRATEGY REVIEW WORKS

#1 DISCOVER

The first step is a meeting with your team to discover your organization's technology goals.

How are you currently using technology and are there gaps that are limiting productivity? Are you implementing the latest work processing technology? How are you managing services to customers and employees? Are you aware of your security risks and have a recovery plan?

These are a few of the questions we will ask to clarify where you are and how we can focus our evaluation.

#2 EVALUATE

Our evaluations take 1 to 3 days at your facilities and another few days off-site while we analyze the data.

Once reviewed, we compile a comprehensive written report of findings along with an Executive Summary that will highlight areas of priority concern or systems at high risk for downtime, productivity drains, or a security breach.

The 50+ page report is yours to keep and review with your team. Through the summary and reports, you can easily identify areas of concern and create an action plan.

#3 CONSULT

Typical reports are often 100+ pages and include server and networking infrastructure analysis, storage accessibility, security vulnerabilities, disaster and recovery readiness.

With all that information, you can now make informed decisions about possible infrastructure changes, cloud readiness, and system advancements.

Need help? Have questions or concerns? ZAG Technical Services is ready to help.



Assessments can contain over 100+ pages of comprehensive reports ready for your review

An Executive Overview sums up the report so you know your top priority concerns

ZAG Technical Services
Enabling Our Clients to Succeed

Reports Include:

Server & Networking Infrastructure
High-Risk & Success-Ready Items
Security / Firewall Audit
Storage Accessibility
Asset Summary - Active / Inactive
Server and Workstation Aging
Critical / Severe Vulnerabilities
Disaster Recovery / Business Continuity

Executive Summary

To: John Smith, CIO of XYZ Company

The ZAG team met with XYZ on November 30, 2016 to provide an assessment of their IT environment. The data findings from this assessment are as follows:

In the creation of this IT Review, we critically examined the current technical systems to determine areas of vulnerability, security, and other areas of potential risk for system failures and security breaches. This document identifies issues and offers solutions, described by you as your 3 primary goals as follows: **Modernize** - Improve data quality and availability, increased self-service functions; **Improve Return on Investments** - Improve ROI of investments in the following areas: standardized processes and 10% of IT spend; and, **Security** - Identify security vulnerabilities, security architecture at all levels of IT and implement a tested critical systems.

High risk vulnerabilities: Details are shown on following pages. These include your mobile device security. Mobile device security is a complex issue today, as threats become more sophisticated. We suggest further offer appropriate solutions.

Other areas of potential risk: Details are shown on following pages. These are primarily related to network. These issues can be managed by improving server effective switching, which we believe to be essential to handle. More details on these risk areas and solution options are covered as discussed further with our team.

Recommendations: Expand XYZ's server co-location and virtualization services in providing the service on their own. Increase utilization of this require high availability and redundancy.

In an effort to decrease the risk of system unavailability and cloud services to store all public facing data and limiting data transition will protect data in the instance of a disaster as well servers.

Since IT systems are critical to XYZ operations, Management ensure the continued operation of the IT systems, or rapid recovery.

ZAG Technical Services - 2017 IT REVIEW

XYZ Confidential

Current Status	Subjects
Network (not including Data Center)	
LAN: Performance / Reliability	LAN: Performance / Reliability
LAN: Security	LAN: Security
WLAN: Performance / Reliability	WLAN: Performance / Reliability
WLAN: Security	WLAN: Security
WAN: Performance / Reliability	WAN: Performance / Reliability
WAN: Security	WAN: Security
Data Center	
Facilities: Environment	Facilities: Environment
Facilities: Security	Facilities: Security
Network: Performance Reliability	Network: Performance Reliability
Network: Security	Network: Security
Remote Access	
Performance / Reliability	Performance / Reliability
Security	Security
Physical Servers	
Performance / Reliability	Performance / Reliability
Security	Security
Virtualization	
Performance / Reliability	Performance / Reliability
Security	Security
Cloud	
Cloud	Cloud
Data Backup	
Data Backup	Data Backup
Security	
Email Security	Email Security
Physical Security	Physical Security
Network Firewall	Network Firewall
Active Directory	Active Directory
Local Admin Accounts on PCs	Local Admin Accounts on PCs
End Point Protection	End Point Protection
Mobile Device Security	Mobile Device Security
Internet of Things	
Internet of Things	Internet of Things
Disaster Recovery	
Disaster Recovery	Disaster Recovery
Business Continuity	
Business Continuity	Business Continuity

INFRASTRUCTURE & ENVIRONMENT

Success Ready

Network LAN: Security
Data Center: Facilities Environment
Data Center: Facilities Security
Data Center: Network Security
Data Backup: Data Backup

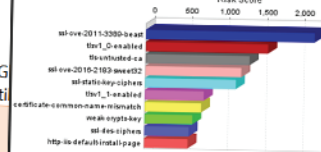
Improvement Needed

LAN: Performance / Reliability
• Switches not current or covered up
LAN: Security
• Company could benefit from SDN
WLAN: Performance / Reliability
• 802.11AC (wave 2) not deployed
• 802.1x authentication not deployed
• Environment not redundant
• No guest network configured
WAN: Performance / Reliability
• SDWAN not deployed
Remote Access: Performance / Reliability
• Servers used for remote access
Remote Access: Security
• Add multi factor authentication
Virtualization: Security
• Servers are not under warranty
Security: Email Security
• Security can be greatly improved
Protection and DLP
Security: End Point Protection
• AV solution should be evaluated

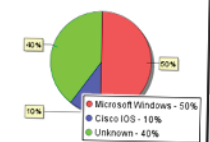
HIGH RISK

Network: Performance Reliability
• Switches out of warranty
• Switches are in many cases have 1G
• Add Redundant uplink/downlink uti
Virtualization: Performance / Reliability
• Upgrade hypervisor
• Deploy hypervisor clusters to ensure
Cloud: Cloud
• Implement single sign on for cloud
• Add MFA
Security: Physical Security
• Secure IDF locations with locks
Security: Network Firewall
• Upgrade firewalls to current platform
Security: Active Directory
• Correct security failures in AD setup
• Utilize dedicated Admin accounts for
• Rename default Administrator users
• Clean up Active Directory
Security: Local Admin Accounts on PCs
• Deploy LAPS
Security: Mobile Device Security
• Develop Mobile Device usage policy
• Develop BYOD policy
Internet of Things: Internet of Things
• Add dedicated SSID for IoT
• Create an IoT security policy
Disaster Recovery / Business Continuity
• Develop a DR/ BC plan
• Investigate feasibility/hypervisor replication to offsite center

High Risk Vulnerabilities



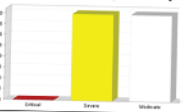
Percentage of Devices by OS



Vulnerabilities by Service

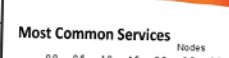


Vulnerabilities by Severity

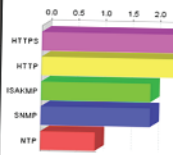


Risk Score

1-100 - 100 Represents significant risk



Most Common Services



Total Users

Enabled Users - 507 (78.1%)
Disabled Users - 142 (21.9%)



Cisco and ZAG - Working Together

At ZAG Technical Services, we have been helping clients for 20 years evaluate, manage and upgrade IT systems. Our *360 Technology Strategy Review* was a natural and unique outcome of those services.

Our engineering-driven company understands the many complex integration challenges organizations face today. Our goal is to enable your success. We work with partners including Cisco Systems, to help organizations like yours identify network vulnerabilities and provide solutions that will improve growth, productivity, and fit your budget.

The *360 Technology Strategy Review* is presented in partnership with Cisco, the world leader in technology products and services for companies of all sizes. Cisco products deliver solutions that help companies like yours be more productive.

Both ZAG and Cisco strive to create long-term partnerships with customers like you. We want to help our customers navigate into the future.



Premier
Partner

NEED AN ASSESSMENT OF YOUR CURRENT NETWORK?

[CLICK HERE TO GO TO OUR WEBSITE](#)

OR CALL US NOW: 408-383-2000

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