Network Assessment

IT SWOT Analysis

Prepared for:
Prospect Or Customer
Prepared by:
Your Company Name

9/7/2020

About this Report

The IT SWOT analysis is a structured method used to evaluate the Strengths, Weaknesses, Opportunities, and Threats affecting an IT network. The analysis involves identifying internal and external issues that are favorable and unfavorable to increasing the overall network health and security of the environment. After the SWOT analysis has been performed, a list of recommendations and suggestions will be developed based upon achievable goals and objectives of the organization.

Strengths and Weaknesses are internal to the organization and include issues the organization has direct control over.   For example, deciding whether to replace old computer hardware, moving to a hosted mail service, allowing mobile device use or upgrading to a new operating system. Opportunities and Threats are external to the organization and therefore cannot be controlled directly. For example, evaluating carrier bandwidth, identifying security issues associated with wireless communications, recognizing risks of being located in geographically unstable areas prone to earthquake or hurricane.

Identification of SWOTs is important because they form the basis in planning to achieve realistic IT objectives.

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SWOT	Helpful *…to achieving the objective*	Harmful *…to achieving the objective*
Internal Origin *(Attributes of the organization)*	**STRENGTHS** 1. Your years in business indicates a viable and sustainable business. (KP0) 2. Standardization of printers make maintenance easier and cuts cost. (KP1) 3. Using a VPN to control access to your network reduces exposure. (KP2) 4. Your climate controlled data center increases reliability and reduce failure rates. (KP3)	**WEAKNESSES** 1. Lack of centralized tracking of faxes may make compliance more difficult. (KP4)
External Origin *(Attributes of the environment)*	**OPPORTUNITIES** 1. Businesses with your profile typically have more audit risks than very small companies. (KP5) 2. Cost savings can be gained by switching to a VoIP offering with more features. (KP6) 3. Implementation of a MDM solution should increase security. (KP7)	**THREATS** 1. Unmanaged BYOD can pose potential risks of information theft/loss and increases hacking exposure. (KP8) 2. Open Wi-Fi connections allow malicious individuals a way into your network. (KP9) 3. Lack of physical security without access control increases chance for theft. (KP10) 4. The age of computer systems can lead to potential downtime and loss of productivity. (KP11) 5. Lack of content filtering can lead to liability and risk of hacking. (KP12)

General

Strengths:

- Your years in business indicates a viable and sustainable business. (KP0)

Opportunities:

- Businesses with your profile typically have more audit risks than very small companies. (KP5)

Hardware

Strengths:

- Standardization of printers make maintenance easier and cuts cost. (KP1)

Weaknesses:

- Lack of centralized tracking of faxes may make compliance more difficult. (KP4)

Opportunities:

- Cost savings can be gained by switching to a VoIP offering with more features. (KP6)

Mobile Computing

Strengths:

- Using a VPN to control access to your network reduces exposure. (KP2)

Opportunities:

- Implementation of a MDM solution should increase security. (KP7)

Threats:

- Unmanaged BYOD can pose potential risks of information theft/loss and increases hacking exposure. (KP8)
- Open Wi-Fi connections allow malicious individuals a way into your network. (KP9)

Server Room

Strengths:

- Your climate controlled data center increases reliability and reduce failure rates. (KP3)

Weaknesses:

- Poor cable management can lead to significant increase in time to troubleshoot and resolve issues.
- Lack of device labeling leads to significant increase in time to locate equipment.

Opportunities:

- Exposure to power failure can be aided by the user of data center wide power redundancy.

Physical Security

Opportunities:

- We recommend purchasing a physical alarm system.

Threats:

- Lack of physical security without access control increases chance for theft. (KP10)

Productivity Software

Weaknesses:

- Mary being the sole technology support person in-house leaves a void when she is not present.

Workstations

Opportunities:

● Replacing workstations will decrease down time.

Threats:

● The age of computer systems can lead to potential downtime and loss of productivity. (KP11)

Current Service

Threats:

- Lack of content filtering can lead to liability and risk of hacking. (KP12)