

August 26, 2024

DESKTOP/LAPTOP

FIELD ASSESSMENT AND STRATEGIC UPGRADES/RESPONSES

for

Org11

Dell D11

Brother B11

Completed by Completedby11

Assessment\_ID DLQN9KWSH

Powered by DATABOXES



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DESKTOP/LAPTOP

FIELD ASSESSMENT AND STRATEGIC UPGRADES/RESPONSES

Powered by DATABOXES

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Get things up and running

RECOMMENDED STRATEGIC RESPONSE (ESSENTIAL)

Best deal on performance, security and reliability

MAXIMUM STRATEGIC RESPONSE (ESSENTIAL)

Highest performance, security and reliability

## EXECUTIVE SUMMARY

Your current IT infrastructure appears to be in excellent condition and well-maintained. The organization has invested in modern hardware, with all key components being less than five years old. This includes desktop/laptop computers, monitors, keyboards, mice, and printer/scanner/copier units. The equipment demonstrates reliable performance, with minimal reboots required and ample storage space available.

The systems are equipped with up-to-date software and security measures. Operating systems, applications, and antivirus software are current, providing a robust defense against potential threats. The implementation of real-time protection in the antivirus software further enhances security.

Data management practices are commendable, with regular backups scheduled and stored offsite or in the cloud. A disaster recovery plan is in place, demonstrating foresight in risk management. The use of NVMe drive media in desktops/laptops suggests a commitment to high-performance computing.

Hardware compatibility with supported operating systems, such as Windows 11, indicates a forward-thinking approach to IT infrastructure. The organization's attention to detail extends to maintaining clear cable pathways, which contributes to a safe and efficient work environment.

Overall, the current IT infrastructure reflects a proactive and well-managed approach to technology, positioning the organization for continued operational efficiency and adaptability to future technological advancements.

### NOTES:

- The assessment contains only strengths and no weaknesses, which is unusual but possible for a well-managed IT infrastructure.
- The strengths list is comprehensive, covering hardware, software, performance, and maintenance aspects.
- The information provided is factual and specific, allowing for a detailed evaluation of the IT infrastructure.
- The assessment includes both technical aspects (e.g., NVMe drives) and practical considerations (e.g., cable management).

- The data suggests a recent and thorough IT infrastructure upgrade or excellent ongoing management practices.

STRATEGIC UPGRADE/RESPONSE CARD FORMAT

<b>Strategic Upgrade/Response Card Title</b>		
Strategic Upgrade/Response Card Urgency/Impact Description		
<b>Card Urgency</b>	<b>Card Impact</b>	
Urgency Rating	Impact Rating	
<b>Minimum(ACTION)</b>	<b>Recommended(ACTION)</b>	<b>Maximum(ACTION)</b>
Estimated Costs	Estimated Costs	Estimated Costs
Hardware/Software	Hardware/Software	Hardware/Software

STRATEGIC UPGRADE/RESPONSE CARD EXAMPLE

<b>Desktop/Laptop has more than 5-years of use</b>		
Device is approaching end of expected service life, EOL (End of Life)		
<b>Urgency</b>	<b>Impact</b>	
Low	Medium	
<b>Minimum</b>	<b>Recommended</b>	<b>Maximum</b>
\$500	\$1,000	\$2,000+
Dell Inspiron	Dell Inspiron	Dell Precision
Desktop/Laptop	Desktop/Laptop	Desktop/Laptop



STRATEGIC UPGRADES CARDS (OPTIONAL)

Strengths and opportunities to improve

**Desktop/Laptop less than 5-years of use**

Device is currently within expected service life, ensuring peak performance and reliability.

**Urgency**

Low

**Impact**

Medium

**Minimum**

\$500

Dell Inspiron  
Desktop/Laptop

**Recommended**

\$1,000

Dell Inspiron  
Desktop/Laptop

**Maximum**

\$2,000+

Dell Precision  
Desktop/Laptop

**Monitor less than 5-years of use**

Device is currently within expected service life, ensuring peak performance and reliability.

**Urgency**

Low

**Impact**

Low

**Minimum**

\$150

27" Monitor  
2K Resolution

**Recommended**

\$200

32" Monitor  
4K Resolution

**Maximum**

\$600+

3x 32" Monitors  
4K Resolution

**Keyboard less than 5-years of use**

Device is currently within expected service life, ensuring peak performance and reliability.

**Urgency**

Low

**Impact**

Low

**Minimum**

\$60

Basic Keyboard

**Recommended**

\$100

Ergonomic Keyboard

**Maximum**

\$200

Custom Keyboard

**Mouse less than 5-years of use**

Device is currently within expected service life, ensuring peak performance and reliability.

**Urgency**

Low

**Impact**

Low

**Minimum**

\$40

Logitech Wireless  
Basic Mouse

**Recommended**

\$80

Logitech Wireless  
Ergonomic Mouse

**Maximum**

\$120

Evoluent Wireless  
Vertical Mouse

**Printer/Scanner/Copier less than 5-years of use**

Device is currently within expected service life, ensuring peak performance and reliability.

**Urgency**

Low

**Impact**

Medium

**Minimum**

\$160

Brother Laser  
B/W Printer

**Recommended**

\$220

Brother Laser  
B/W Multi-Function

**Maximum**

\$400

Brother Laser  
B/W All-In-One

**Desktop/Laptop reboots rarely required**

Stable operation of the desktop or laptop indicates a healthy system, minimizing risks of data loss or workflow disruptions.

**Urgency**

High

**Impact**

High

**Minimum**

\$500

Dell Inspiron  
Desktop/Laptop

**Recommended**

\$1,000

Dell Inspiron  
Desktop/Laptop

**Maximum**

\$2,000+

Dell Precision  
Desktop/Laptop

**Desktop/Laptop has more than 20% drive space available**

Ensures optimal system performance, prevents slowdowns, and provides room for essential updates and files.

<b>Urgency</b>	<b>Impact</b>	
Medium	High	
<b>Minimum</b>	<b>Recommended</b>	<b>Maximum</b>
\$500	\$1,000	\$2,000+
Dell Inspiron Desktop/Laptop	Dell Inspiron Desktop/Laptop	Dell Precision Desktop/Laptop

**Desktop/Laptop reliable performance**

Adequate performance ensures efficient operation of applications, reduces downtime, and enhances reliability.

<b>Urgency</b>	<b>Impact</b>	
Medium	Medium	
<b>Minimum</b>	<b>Recommended</b>	<b>Maximum</b>
\$100	\$1,000	\$2000+
32GB RAM DDR4/DDR5	Dell Inspiron Desktop/Laptop	Dell Precision Desktop/Laptop

**Monitor screen dimensions adequate**

Enhances productivity, reduces eye strain, and improves overall user experience.

<b>Urgency</b>	<b>Impact</b>	
Low	Medium	
<b>Minimum</b>	<b>Recommended</b>	<b>Maximum</b>
\$150	\$200	\$600+
27" Monitor 2K Resolution	32" Monitor 4K Resolution	3x 32" Monitors 4K Resolution

**Monitor screen resolution adequate**

Ensures clear visuals, reduces eye strain, and provides a more immersive and detailed viewing experience.

**Urgency**

Low

**Impact**

Medium

**Minimum**

\$150

27" Monitor

2K Resolution

**Recommended**

\$200

32" Monitor

4K Resolution

**Maximum**

\$600+

3x 32" Monitors

4K Resolution

**Keyboard reliable performance**

Proper keyboard responsiveness and ergonomics reduces fatigue and potential repetitive strain injuries.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$60

Basic Keyboard

**Recommended**

\$100

Ergonomic Keyboard

**Maximum**

\$200

Custom Keyboard

**Mouse reliable performance**

Proper mouse responsiveness and ergonomics reduces fatigue and potential repetitive strain injuries.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$40

Logitech Wireless  
Basic Mouse

**Recommended**

\$80

Logitech Wireless  
Ergonomic Mouse

**Maximum**

\$120

Evoluent Wireless  
Vertical Mouse

**Software applications reliable performance**

Efficient software enhances productivity, user satisfaction, and resource utilization while reducing costs and frustration.

**Urgency**

Medium

**Impact**

Medium

**Minimum**

\$100

32GB RAM

DDR4/DDR5

**Recommended**

\$1,000

Dell Inspiron

Desktop/Laptop

**Maximum**

\$2000+

Dell Precision

Desktop/Laptop

**Printer/Scanner/Copier reboots rarely required**

Reliable peripherals reduce maintenance needs and costs.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$160

Brother Laser

B/W Printer

**Recommended**

\$220

Brother Laser

B/W Multi-Function

**Maximum**

\$400

Brother Laser

B/W All-In-One

**Print/Scan/Copy reliable performance**

Consistent print/scan/copy performance enhances overall office productivity.

**Urgency**

High

**Impact**

High

**Minimum**

\$160

Brother Laser

B/W Printer

**Recommended**

\$220

Brother Laser

B/W Multi-Function

**Maximum**

\$400

Brother Laser

B/W All-In-One

**Desktop/Laptop in good condition**

Well-maintained Desktop/Laptop ensures reliability and optimal performance.

**Urgency**

Low

**Impact**

Low

**Minimum**

\$500

Dell Inspiron

Desktop/Laptop

**Recommended**

\$1,000

Dell Inspiron

Desktop/Laptop

**Maximum**

\$2,000+

Dell Precision

Desktop/Laptop

**Monitor screen in good condition (no dead pixels)**

Well-maintained monitor ensures optimal visual output, reducing eye strain, and prolonging the display's lifespan.

**Urgency**

Low

**Impact**

Medium

**Minimum**

\$150

27" Monitor

2K Resolution

**Recommended**

\$200

32" Monitor

4K Resolution

**Maximum**

\$600+

3x 32" Monitors

4K Resolution

**Monitor cables in good condition**

Secure monitor cable connections prevent disconnects and potential data loss.

**Urgency**

Low

**Impact**

Medium

**Minimum**

\$20

Monitor Cables

**Recommended**

\$30

Cable Channels

**Maximum**

\$100

Monitor Mount

**Desktop/Laptop hardware compatible with supported OS versions (e.g. Windows 11 compatible)**

OS hardware compatibility ensures access to latest features and security updates.

<b>Urgency</b>	<b>Impact</b>	
Medium	High	
<b>Minimum</b>	<b>Recommended</b>	<b>Maximum</b>
\$500	\$1,000	\$2,000+
Dell Inspiron	Dell Inspiron	Dell Precision
Desktop/Laptop	Desktop/Laptop	Desktop/Laptop

**Backup has been completed for Desktop/Laptop**

NVMe drive media significantly boosts system speed and overall responsiveness.

<b>Urgency</b>	<b>Impact</b>	
Low	High	
<b>Minimum</b>	<b>Recommended</b>	<b>Maximum</b>
\$500	\$1,000	\$2,000+
Dell Inspiron	Dell Inspiron	Dell Precision
Desktop/Laptop	Desktop/Laptop	Desktop/Laptop

**Desktop/Laptop has NVMe drive media**

Real-time antivirus protection safeguards against immediate security threats.

<b>Urgency</b>	<b>Impact</b>	
High	High	
<b>Minimum</b>	<b>Recommended</b>	<b>Maximum</b>
\$0/year	\$30/year	\$40/year
Avast Antivirus	Avast Antivirus	Avast Antivirus
Home Edition	Essential Business	Premium Business

**Antivirus software has real-time protection enabled**

Backups protect critical data from loss due to hardware failures, ensuring quick recovery and peace of mind.

**Urgency**

High

**Impact**

High

**Minimum**

\$27/year

Acronis Essentials

No Cloud-Backups

**Recommended**

\$43/year

Acronis Advanced

500GB Cloud-Backups

**Maximum**

\$76/year

Acronis Premium

1TB Cloud-Backups

**Backup software performs scheduled backups**

Scheduled backup software ensures data integrity and business continuity.

**Urgency**

High

**Impact**

High

**Minimum**

\$27/year

Acronis Essentials

No Cloud-Backups

**Recommended**

\$43/year

Acronis Advanced

500GB Cloud-Backups

**Maximum**

\$76/year

Acronis Premium

1TB Cloud-Backups

**Backup software disaster recovery plan in place**

Established disaster recovery plans minimize downtime and data loss risks.

**Urgency**

High

**Impact**

High

**Minimum**

\$27/year

Acronis Essentials

No Cloud-Backups

**Recommended**

\$43/year

Acronis Advanced

500GB Cloud-Backups

**Maximum**

\$76/year

Acronis Premium

1TB Cloud-Backups

**Backup software stores backups offsite/cloud**

Offsite/cloud backup storage protects against on-premises disasters and data loss.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$27/year

Acronis Essentials

No Cloud-Backups

**Recommended**

\$43/year

Acronis Advanced

500GB Cloud-Backups

**Maximum**

\$76/year

Acronis Premium

1TB Cloud-Backups

**Printer/Copier uses Laser printing**

Laser printing offers faster, higher-quality, and more cost-effective document output.

**Urgency**

Low

**Impact**

Low

**Minimum**

\$160

Brother Laser

B/W Printer

**Recommended**

\$220

Brother Laser

B/W Multi-Function

**Maximum**

\$400

Brother Laser

B/W All-In-One

**Operating system up-to-date**

Operating System updates address security vulnerabilities and enhance reliability.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$500

Dell Inspiron

Desktop/Laptop

**Recommended**

\$1,000

Dell Inspiron

Desktop/Laptop

**Maximum**

\$2,000+

Dell Precision

Desktop/Laptop

**Software applications up-to-date**

Updated software applications ensure compatibility, security, and feature access.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$ \_\_\_\_\_

Update Software

**Recommended**

\$ \_\_\_\_\_

Upgrade Software

**Maximum**

\$ \_\_\_\_\_

Replace Software

**Antivirus software up-to-date**

Current antivirus signatures protect against the latest security threats.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$0/year

Avast Antivirus  
Home Edition

**Recommended**

\$30/year

Avast Antivirus  
Essential Business

**Maximum**

\$40/year

Avast Antivirus  
Premium Business

**Backup software up-to-date**

Updated backup software improves data protection reliability and feature set.

**Urgency**

Medium

**Impact**

High

**Minimum**

\$27/year

Acronis Essentials  
No Cloud-Backups

**Recommended**

\$43/year

Acronis Advanced  
500GB Cloud-Backups

**Maximum**

\$76/year

Acronis Premium  
1TB Cloud-Backups

**Printer/Scanner software application up-to-date**

Updated printer/scanner software enhances device functionality and system compatibility.

**Urgency**

Medium

**Impact**

Low

**Minimum**

\$160

Brother Laser  
B/W Printer

**Recommended**

\$220

Brother Laser  
B/W Multi-Function

**Maximum**

\$400

Brother Laser  
B/W All-In-One

**Printer/Scanner/Copier firmware up-to-date**

Updated printer/scanner/copier firmware improves device performance and security.

**Urgency**

Low

**Impact**

Medium

**Minimum**

\$160

Brother Laser  
B/W Printer

**Recommended**

\$220

Brother Laser  
B/W Multi-Function

**Maximum**

\$400

Brother Laser  
B/W All-In-One

**Desktop/Laptop cables pathways clear of obstructions**

Clear cable pathways reduce tripping hazards and equipment damage risks.

**Urgency**

Low

**Impact**

Low

**Minimum**

\$10

Velcro Cable Ties  
(8½" x ½")

**Recommended**

\$30

Legrande  
Cordmate III

**Maximum**

\$60

2x Legrande  
Cordmate III

MINIMUM STRATEGIC UPGRADE (OPTIONAL)

Minimum viable upgrade to get everything up and running.

\$1,067

RECOMMENDED STRATEGIC UPGRADE (OPTIONAL)

Recommended upgrade to get the best deal on increased performance, enhanced security and improved reliability.

\$1,733

MAXIMUM STRATEGIC UPGRADE (OPTIONAL)

Maximum upgrade to get the highest performance, best security and more reliability.

\$3,596

STRATEGIC RESPONSES CARDS (ESSENTIAL)

Emerging gaps and urgent challenges



MINIMUM STRATEGIC RESPONSE (ESSENTIAL)

Minimum viable response to get everything up and running.

\$0

RECOMMENDED STRATEGIC RESPONSE (ESSENTIAL)

Recommended response to get the best deal on increased performance, enhanced security and improved reliability.

\$0

MAXIMUM STRATEGIC RESPONSE (ESSENTIAL)

Maximum response to get the highest performance, best security and more reliability.

\$0

Dear Org11,

Thank you for generating this report, it was a lot of fun to build, design and test. The goal is to provide actionable strategic insights into your IT infrastructure, enabling you to make well-informed and effective decisions.

The primary advantage of this report is the ability to replace a manual process which took hours to complete and costs hundreds of dollars to generate. Now anyone can complete this FIELD ASSESSMENT AND STRATEGIC REPORT within minutes for no costs (technically speaking we spend about 7¢ per report).

3500X CHEAPER (~\$250+ per report > ~7¢ per report)  
20X FASTER (~200 mins per report > ~10 mins per report)  
5X BETTER (~50 checks per report > ~250 checks per report)

This tool is a prototype demonstrating the purpose behind DATABOXES. Do useful work without the B.S., do it better, faster, cheaper and get paid. Tech support needs an update and I plan on doing just that.

The end result being highly automated, high-volume, low-cost/no-cost systems, built and maintained by highly effective individuals and small teams.

Let me know if you have any questions and/or comments.

Talk Soon,  
Kevin Manner  
Owner/Builder  
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