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TECHNOLOGY SERVICES, LLC



10 BENEFITS OF MANAGED IT SERVICES

Presented by: Ferrum Technology Services

SMALL AND MEDIUM BUSINESS **TECHNOLOGY STRATEGIES**

This ebook will evaluate the differences between traditional technical support practices and modern managed IT practices, and the pros and cons of each in regards to small and medium-sized businesses. This ebook is an introduction to Managed IT Services and is geared towards business owners and executives for businesses that either have no internal IT department or a small on-staff IT team.

INTRODUCTION

PROACTIVE VS REACTIVE

When you think about IT, you probably don't think "information technology." More likely, you're thinking, "Oh no, I'm going to need IT to fix this."

This reactive impression of IT services was once the only way to consider them, as that was the only way they were offered. Now, IT services don't wait until an issue impacts your business to fix it. In this ebook, we will compare the traditional, break/fix approach to IT services to the modern approach, more specifically, in the context that matters to a small or medium-sized business.

Consider this document an introductory overview of the managed service model as it is applied to information technology services. If you own or manage a business with insufficient IT support, this ebook can show you what there is to be gained through the services of an MSP.

STATEMENT OF CONFIDENTIALITY

What follows is simply the result of industry analysis and a review of solutions available. This document is simply intended for use as a referential resource to assist with an evaluation of a business' preparedness to embrace a new service solution.

ABOUT FERRUM TECHNOLOGY

Ferrum Technology Services serves as a resource for businesses who need support for their information technology, as well as a consultant who can assist them in managing it. As a result, we can help you improve each and every aspect of your business operations with advanced IT solutions. For a selection of our core services, visit our website at <https://www.ferrumit.com>.



MANAGED IT SERVICES

Protect your infrastructure with proactive monitoring & maintenance.



SECURITY SERVICES

Help protect your data and keep your business up and running.



BUSINESS CONTINUITY

Would your data survive a disaster?
Are you willing to take that chance?



TRADITIONAL IT METHODS

THE WAY IS HAS BEEN

Once, when a business experienced a technology issue, their only option would be to call in a repairman. The computer repair person would come in, fix the problem as best they could, and hand over their bill. The employee could return to work, and business would continue as expected until the next technology issues came around. At this point, the cycle repeats.

Alternatively, a business could have a tech-savvy internal resource to handle some issues. In this case, this resource would attempt to resolve the problems that arose.

WHY THIS DOESN'T WORK

There are many problems with using the “break-fix” method to IT maintenance, as described above, in the current business environment. First, consider what an issue like the one described above really means, in terms of productivity.

Naturally, the employee will not be able to work until their technology is fixed. What’s worse, they may become a distraction to any nearby co-workers, whether they mean to or not. In the meantime, the computer repair person has to travel to your office, adding to the time it will take to resolve the issue. When they do get there, you have yet another potential distraction drawing your other employees’ attentions away from their work, in addition to the employee whose technology is being repaired.

Traditional IT technical support methods are mocked and scrutinized constantly, yet some businesses continue to invest in their IT only when it breaks.

Finally, once the issue is resolved and the repair person has been paid for time and materials spent, your employee can return to work. Hopefully, they will be able to avoid missing deadlines and opportunities, and won't have to dip into overtime to do so.

IT issues and downtime are expensive, and these expenses can build up rapidly over time. Not only are you dealing with a loss in productivity (it isn't as though you can neglect to pay the employee for the time their technology was unavailable), you are also losing potential revenue that employee could be generating.

Your losses for each incident can be calculated as follows:

PRODUCTIVITY LOSS

$$P = (\text{Number of Affected Users}) \\ \times (\% \text{ of Productivity Loss}) \\ \times (\text{Average Salary per Hour}) \\ \times (\text{Downtime Duration})$$

REVENUE LOSS

$$R = (\text{Number of Affected Users}) \\ \times (\% \text{ of Revenue Loss}) \\ \times (\text{Average Profit per Employee per Hour}) \\ \times (\text{Downtime Duration})$$

OVERALL LOSS

$$O = P (\text{Productivity Loss})$$

BRINGING IT SERVICES TO MODERN TIMES WITH MANAGED SERVICES

The managed service approach to IT has some definite benefits to it, which largely come from the ideals and best practices that shape it.

- Regular maintenance will prolong the usability and performance of a computer system.
- Maintained patches and software updates protect a network from many threats and issues.
- Transportation costs can be eliminated from support charges through the use of remote access technologies.
- Downtime can be avoided by proactively identifying and resolving IT issues before they cause problems.
- With thorough network documentation, any support visits can be optimized.
- Problematic devices can be identified through reporting, tracking, and historical data.

When a managed IT service approach is adopted, there is no longer a winner or loser in any transaction between a company and the managed service provider (MSP). Instead, the two become partners, which motivates the MSP to deliver higher quality services.

If a company identifies itself as an MSP, they should subscribe to ten fundamental philosophies that directly benefit their clients.

FUNDAMENTAL PHILOSOPHIES

BENEFIT ONE

MANAGED IT SERVICES ARE LIKE **OUTSOURCING AN INTERNAL TEAM**

Consider, for a moment, how critical your technology is to your operations. You don't want just anybody working to maintain it, you want to have someone who is dedicated to it functioning properly for you so that you can be as successful as possible. You want someone who will become familiar with your technology and its needs and who will be able to recommend what is best.

One way to accomplish this would be to hire an internal team of your own, but that approach is usually prohibitively expensive, not to mention that finding the people to create a unified team that also fits with your company's culture can take a considerable amount of time. Think of Ferrum Technology Services as the best alternative, a resource that is committed to your success that doesn't require the high onboarding and retention costs that the typical in-house team would.

The service that a managed IT resource can provide covers a variety of common business needs, especially for a business that lacks the internal resources to handle them. If your team is tied up with maintenance and supporting the rest of your staff, an MSP like Ferrum Technology Services can work on implementing improvements, upgrades, and other improvements to your existing infrastructure--or vice versa.

More than that, your MSP can handle the other technological matters that otherwise distract you and your internal staff. With your goals in mind, Ferrum Technology Services will work with your vendors as we devise a growth plan for your technology, the ultimate goal being the growth of your business and revenue streams.



FUNDEMENTAL PHILOSOPHIES

BENEFIT TWO

DETECTING ISSUES **EARLY** SAVES YOUR STAFF TIME

It is rare that any computer issue strikes without warning. Much more commonly, there are signs that problems are happening before you notice them. You could save a lot of stress later by paying a little more attention now, but only if you know what you're looking for. Otherwise, issues that could have been mitigated easily can fester and expand, becoming a much greater (and more difficult to resolve) problem. A managed IT provider knows to look for these signs and take action early. As a result, your employees could be more productive, confident that they won't suddenly find their technology unresponsive.

The list of problems that proactive monitoring can detect is lengthy, but some highlights include:



Hard drive Failure
& Fragmentation



Disk Space, Memory,
& CPU ISSUES



Failed/Outdated Windows
Updates & Service Packs



Ransomware, Malware,
Spyware, and Rootkits



Windows Licensing &
antivirus update Issues



Unexpected System
hardware changes

FUNDEMENTAL PHILOSOPHIES

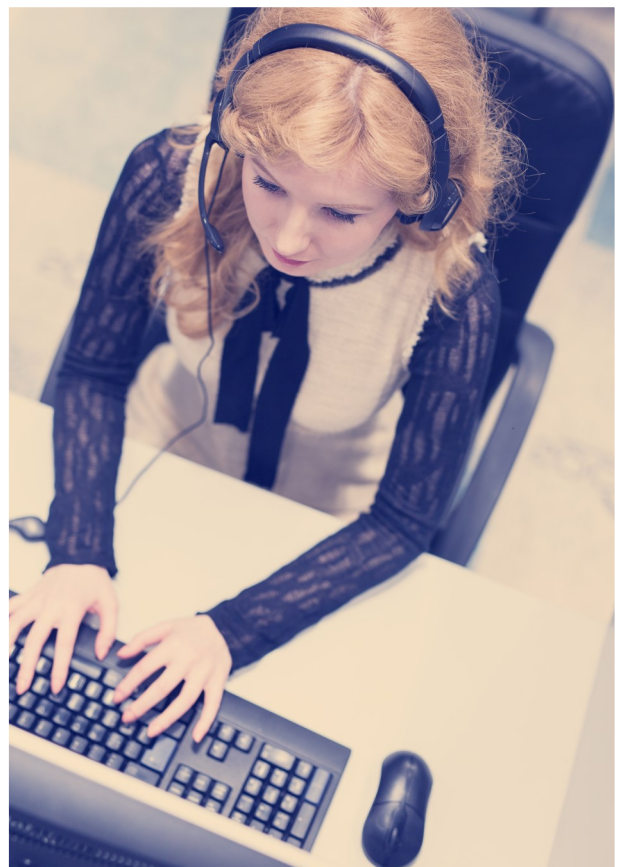
BENEFIT THREE

WITH REMOTE SUPPORT YOU WILL GET THE **ASSISTANCE YOU NEED** WHENEVER YOU NEED IT.

Despite how useless an issue can make a workstation seem, fixing that workstation may not require a technician to make the trip on-site. Without the time the technician spends traveling, not only is your issue resolved much more quickly, the expense of the service can be cut down considerably. After all, if there's no need for a technician to make a trip, there shouldn't be a trip to bill you for. These are the benefits of remote technical support.

Imagine how much easier it would be to identify and resolve issues if your IT provider could access your workstation without the need for them to ever visit your location. This is the benefit that remote support services offer: speed. Time is money, as they say, which means that every moment that passes by without a resolution to an issue, you're effectively allowing revenue and profits to pass you by as well.

Of course, not every issue can be resolved remotely. If part of your infrastructure were to physically break, a technician would have to come onsite to help. However, most of the issues that your staff is likely to encounter will be the sort that one of our IT professionals could resolve through remote access. Not only is remote access an efficient and secure way to simplify receiving essential IT services, it also comes bundled in with the rest of a managed services package. As a result, you can be sure that problems your business may encounter will be resolved with maximum efficiency.



FUNDAMENTAL PHILOSOPHIES

BENEFIT FOUR

A BUSINESS SHOULD ALWAYS GET **MAXIMUM VALUE** FROM ITS VENDORS

When dealing with vendors, it is important to remember that each vendor is just another business like yours. Unfortunately for you, this means that it isn't always easy to get support for free, as you'd certainly prefer. Instead, you may find that calls are passed around their call centers, eating up time that you or your employees could be spending on other endeavors--and if the issue isn't fully resolved during that call, the entire process has to repeat. This frustrating experience can be avoided with the assistance of a managed service provider.

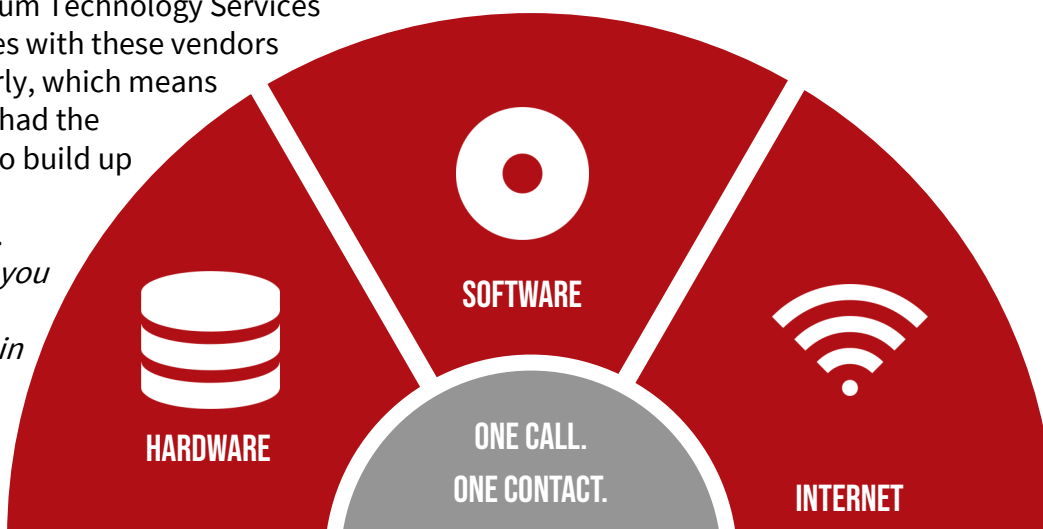
The biggest problem that a small-to-medium-sized business encounters when dealing with their vendors is that they don't deal with their vendors often enough. As a result, they never have the opportunity to form a relationship with these vendors. Ferrum Technology Services communicates with these vendors pretty regularly, which means that we have had the opportunity to build up professional relationships.

This benefits you and your organization in

two ways:

First, you and your employees don't have to worry about interrupting your own business procedures in order to do business with your vendors. Instead, MSPs, like Ferrum Technology Services, reach out and negotiate with these vendors on your behalf, ensuring that you get the best value available.

Secondly, due to the ongoing relationships with vendors, managed service providers can often take advantage of special purchasing options that a one-time client couldn't. By recruiting a managed service provider to act as your representative, you can access exclusive benefits when dealing with vendors, like improved support and bulk software licenses.



FUNDAMENTAL PHILOSOPHIES

BENEFIT FIVE

BREAK-FIX PRACTICES KICK YOU WHILE YOU ARE DOWN

It's no secret that IT issues have a tendency to become very expensive, very quickly. They often render your employees unable to do their jobs-- which leaves your business effectively hemorrhaging money for the duration of the incident, as you still need to pay your employees for their time. However, many break/fix providers that come in to fix these issues will also contribute to the financial repercussions of the event with sudden, lump-sum invoices.

This is a practice that managed IT services are designed to eliminate on a few levels. The managed services model is intended to shift where a client's investments are focused. Instead of paying your IT provider to solve a problem only after it has produced a detrimental impact to your business, managed services are designed to detect and prevent the same problem proactively, ultimately preserving your productivity and profitability. In fact, if you were to encounter a downtime

incident, a managed service provider would be just as motivated as you are to see the problem resolved. The way the relationship between you and your MSP works, if your solutions aren't able to deliver, your MSP isn't making any money from you, either. As a result, your managed service provider is sure to do their best to prevent downtime as much as possible, whereas a break/fix service depends on your technology failing and therefore has the motivation to bandage the problem instead of fixing it.

Furthermore, an MSP will work to resolve any downtime you experience as swiftly as possible, for similar reasons. On the other hand, the longer a break/fix provider takes to fix a problem, the larger their invoice.

FEATURES	PAY-BY-THE-HOUR	MANAGED SERVICES
99.9% Server Uptime	-	X
24x7 Customer Care	-	X
Flat-Rate IT Budget	-	X

FUNDAMENTAL PHILOSOPHIES

BENEFIT SIX

FLAT-RATE IT MANAGEMENT OFFERS **MULTIPLE COST BENEFITS**

Part of running a successful business is creating a successful budget. This task becomes impossible once surprise costs and fees enter the equation, which is exactly what the break/fix method causes. Costs suddenly skyrocket without warning, as productivity is hobbled and your business continues to leak money as expensive repairs take place. It's very difficult to successfully take these incidents into account. A budget is much easier to maintain when your IT support subscribes to a consistent flat-rate payment model.

It is effectively impossible to create a budget that isn't broken by circumstance without accounting for the possibility of these circumstances, but it is just as difficult to incorrectly estimate your need and move funds away from other areas of your business that need them. A managed services approach eliminates the guesswork by charging a consistent rate to keep your business network safe from issues. As a result, your budget won't be subjected to the alternating ups and downs that circumstance provides.

Instead, the consistency that an MSP can deliver may also lead to the money you save through their flat-rate services being directed into other important business needs, from technology upgrades to hiring and onboarding a new employee.

It should also be said that the maintenance services that an MSP provides reduces the amount of issues that your systems encounter, potentially extending the life of the system, and costs can be lowered further through automation.

FUNDEMENTAL PHILOSOPHIES

BENEFIT SEVEN

YOUR BUSINESS ' GOALS AND YOUR IT

Sure, it's all well and good to have computers that work and a network that delivers information between them, but it isn't enough. You have growth plans for your business and an idea of what you want your business to accomplish. Your IT infrastructure needs to be optimized to enable technological advancement and growth, while allowing these business-centric goals to be reached as well.

A good managed service provider understands this, and will work with you to ensure that your business goals and your IT goals are headed in the same direction. By acting as a consultant for your business technology goals, your MSP can assist you in developing a comprehensive plan to shape your IT strategy in both the short and long-term. In this way, they serve very much as a Chief Information Officer for your company.

Your MSP will assist you in introducing new solutions best practices, and training, allowing your business to improve while giving a boost to your bottom line.

Furthermore, in order to ensure that you're on-track to accomplish these goals, Ferrum Technology Services will be there to review your progress as often as every quarter. During these meetings, you will be able to evaluate if your technology is working to meet your business' goals.



FUNDEMENTAL PHILOSOPHIES

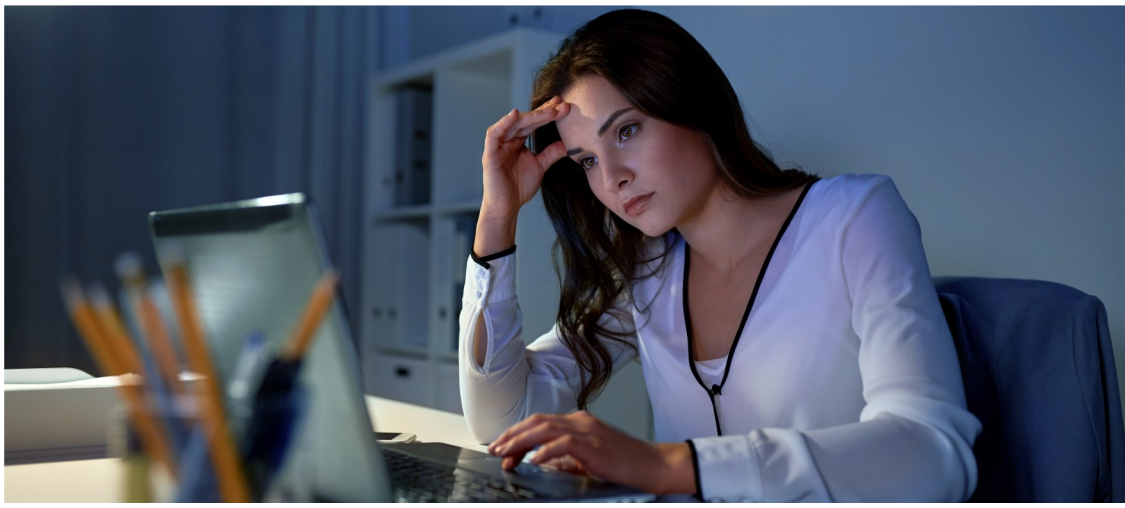
BENEFIT EIGHT

MANAGED IT AND **REDUCED IT** EXPENSES GO HAND-IN-HAND

If you keep something well-maintained, it tends to last longer. This can be said of your vehicles, of your home, and of your IT. Taking care of your IT solutions is the primary mission of the MSP, as it allows you increased productivity, efficiency, and most applicably, decreased costs. The better maintained your infrastructure is, the more likely you'll go without experiencing malfunctions and downtime.

As a result, you could see significant improvements to your IT's functionality through an MSP's services, mainly because of the proactive approach that the MSP will take. By identifying potential issues and resolving them, an MSP maintains your technology, an often much cheaper option than repairing it when it is broken. By outsourcing these responsibilities to an MSP, you can focus on your business, knowing that your IT is safe in the care of trained professionals. If you do need IT assistance, either via remote support or an on-site visit, your agreement will almost certainly have you covered.

This means that what would be an additional expense with a break/fix repair service is already included and accounted for in a managed service agreement.



FUNDAMENTAL PHILOSOPHIES

BENEFIT NINE

HARNESSING THE **POWER OF THE ENTERPRISE** WITHIN THE

There seems to be a prevailing opinion that large businesses have their resources, and small and medium-sized businesses have theirs. It certainly does appear that enterprise businesses hold all the cards. At Ferrum Technology Services, we're committed to making the game a little more fair by dealing the same solutions that enterprises and large corporations leverage, to small and medium-sized businesses.

Whether you stress about the possibility of data loss and cyberattack, or your current communications suite seems to be lacking, we can help you by providing you solutions and services that are comparable to the ones that fuel enterprise businesses.

- Voice over Internet Protocol, or VoIP, Communications
- Backup and Disaster Recovery, as a part of a comprehensive Business Continuity strategy
- Security Solutions, including Firewall and Web Content Filtering
- Server Virtualization
- Virtual Private Networking (VPN)
- Telecommunications
- Mobile Solutions
- Security Policy Management and Administration
- Email Hosting with Spam Protection
- Software Solutions, including Productivity Suites and Customer Relationship Management packages

FUNDAMENTAL PHILOSOPHIES

BENEFIT TEN

THE BUSINESS COMES FIRST

There is no getting around it: your business relies on many time-consuming tasks that serve as major time-sinks. However, these tasks are also critical to see completed for the good of the business as a whole.

Let's say your backup solution needs testing, your antivirus needs updating, and all of your computers need to be patched. On top of all that, you need to make sure that payroll will be ready, that your employees aren't slacking off on company time, and that you aren't overworking yourself or stressing about circumstances that are out of your control. Plus, you need to make sure that you're able to keep the business going, that you are compliant to any regulations, that the bills are paid, and that your clients are kept in the loop and happy--not to mention handling anything that may be going on at home.

Business owners know that the buck stops with them. However, in order for everything to be attended to properly, there needs to be some delegation. Human Resources can take care of payroll, Sales can take care of client satisfaction, and Ferrum Technology Services can see to your IT needs.

Through managed services, your staff will be able to sit at their workstations and do their jobs--whatever they may be--without worrying about maintaining the technology they use. In fact, many crucial tasks can be automated, leaving you that much less to worry about as you see to your other business responsibilities.



FOCUS ON YOUR BUSINESS... NOT YOUR TECHNOLOGY

Interested in a **FREE** Managed IT Consultation?

Let's find out how the benefits of managed IT will drive your business forward.

Visit: ferrumit.com/free-consultation

Call: (847) 697-3282

ADDRESS

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Enjoy the benefits described in this booklet, and many others, through Managed IT services from Ferrum Technology Services. Call us at (847) 697-3282 , or visit our website at: <https://www.ferrumit.com>