
I.T.

Buyers Guide



LINK

BUSINESS TECHNOLOGY ... I.T. IS WHAT WE DO

***The Central PA Business Owners Guide
To I.T. Support And Services***

What You Should Expect To Pay For I.T. Support For Your Small and Medium Businesses

(And How To Get *Exactly* What You Need Without
Unnecessary Extras, Hidden Fees And Bloated
Contracts)

Read this guide and you'll discover:

- ✓ The three most common ways IT services companies charge for their services, and the pros and cons of each approach.
- ✓ A common billing model that puts ALL THE RISK on you, the customer, when buying IT services; you'll learn what it is and why you need to avoid agreeing to it.
- ✓ Exclusions, hidden fees and other "gotcha" clauses IT companies put in their contracts that you DON'T want to agree to.
- ✓ How to make sure you know exactly what you're getting to avoid disappointment, frustration and added costs later on that you didn't anticipate.
- ✓ 21 revealing questions to ask your IT support firm BEFORE giving them access to your computer network, e-mail and data.

From the Desk of: Mike Strait, Managed Services Team Lead
Link Computer Corporation
140 Stadium Dr. Bellwood, PA
(814) 742-7700
mstrait@linkcorp.com
www.linkcorp.com

Never Ask An IT Services Company, "What Do You Charge For Your Services?" Instead You Should Ask, "What Will I Get For My Money?"

From The Desk Of: Mike Strait
Team Leader, Link Computer Corporation

Dear Colleague,

If you're the owner, CEO, or president of a small/medium sized business in Central PA that is currently looking to outsource some or all of the IT support for your business, this report contains important information that will be extremely valuable to you as you search for a competent firm you can **trust**.

My name is Mike Strait, Managed Services Team Lead of Link Computer Corporation. We've been providing IT services to businesses in the Central PA area for over 4 decades now. You may not have heard of us before, but I'm sure you're familiar with one or more of the other businesses we serve. A few of their comments are enclosed.

One of the most common questions we get from new prospective clients calling our office is "What do you guys charge for your services?" Since this is such a common question – and a very important one to address – I decided to write this report for three reasons:

1.

I wanted an easy way to answer this question and educate all prospective clients who come to us on the most common ways IT service companies package and price their services, and the pros and cons of each approach.

2.

I wanted to bring to light a few "industry secrets" about IT services contracts and SLAs (service level agreements) that almost no business owners think about, understand or know to ask about when evaluating IT services providers. These secrets can end up burning you with hidden fees and locking you into a long-term contract when the IT service companies are unwilling or unable to deliver the quality of service you need.

3.

I wanted to educate business owners on how to pick the **right** IT services company for their specific situation, budget and needs based on the **VALUE** the company can deliver, not just the price, high OR low.

In the end, my purpose is to help you make the most informed decision possible, so you end up working with someone who helps you solve your problems and accomplish what you want in a time frame, manner and budget that is right for you.

Dedicated to serving you,

Mike Strait

About The Author

Mike Strait is the Managed Services Team Lead at Link Computer with more than 20 years of experience in the IT services industry. Mike has worked with hundreds of government agencies, non-profit organizations, and businesses in just about every industry.

Outside of managed services, Mike is the proud dad to two daughters. He is an avid mountain biker and snowboarder. Mike was a founding member of the Blue Knob Mountain Bike Association and a leader on the Horseshoe Curve Trail System project.

Mike gives back to the community as a volunteer member of the Discovery Team at Altoona Launch Box supported by the Hite Family where he helps to counsel entrepreneurs starting up and expanding their businesses.



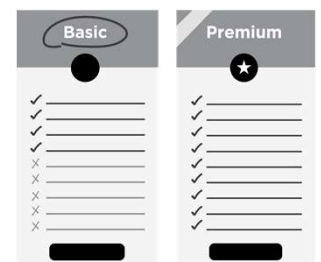
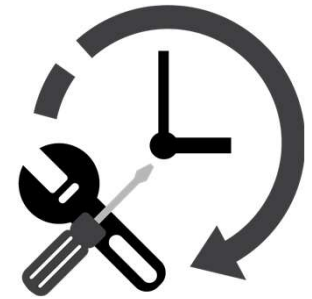
Originally a programming and development company founded in 1980, Link computer began to offer managed I.T. services and support in early 2008 to better serve their customers. Since then, Link Computer has grown into a full-service managed I.T. services company serving small/medium businesses, government agencies, and non-profits, with a specialty in community banks, credit unions, manufacturing, and continuing care.

Link Computer serves PA, WV, and MD.

Comparing Apples To Apples: The Predominant I.T. Service Models Explained

Before you can accurately compare the fees, services, and deliverables of one IT services company with another, you need to understand the three predominant service models most of these companies fit within. Some companies offer a blend of all three, while others are strict about offering only one service plan. The three predominant service models are:

- **Time and Materials.** In the industry, we call this "break-fix" services. Essentially you pay an agreed-upon hourly rate for a technician to "fix" your problem when something "breaks." Under this model, you might be able to negotiate a discount based on buying a block of hours. The scope of work may be simply to resolve a specific problem, like fixing a problem with your e-mail, or it may encompass a large project, like a network upgrade or move that has a specific result, and end date clarified. Some companies will offer staff augmentation and placement under this model as well.
- **Managed I.T. Services.** This is a model where the IT services company takes the role of your fully outsourced "IT department" and not only installs and supports all the devices and PCs that connect to your server(s), but also offers phone and on-site support, antivirus, cyber security, backup, and a host of other services to monitor and maintain the health, speed, performance and security of your computer network.
- **Software Vendor-Supplied I.T. Services.** Many software companies will offer IT support for their customers in the form of a help desk or remote support for an additional fee. However, these are typically scaled-back services, limited to troubleshooting their specific application and NOT your entire computer network and all the applications and devices connected to it. If your problem resides outside of their specific software or the server it's hosted on, they can't help you and will often refer you to "your IT department." While it's often a good idea to buy some basic-level support package with a critical software application you use to run your business, this is not enough to provide the full IT services and support most businesses need to stay up and running.



When looking to outsource your IT support, the two service models you are most likely to end up having to choose between are the "managed IT services" and "break-fix" models. Therefore, let's dive into the pros and cons of these two options, and then the typical fee structure for both.

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Managed I.T. Services Vs. Break-Fix: Which Is The Better, More Cost-Effective Option?

You've probably heard the famous Benjamin Franklin quote, "An ounce of prevention is worth a pound of cure." I couldn't agree more – and that's why it's my sincere belief that some form of managed I.T. is essential for every Small/Medium Businesses.



In our company, we offer different solutions to fit the unique needs of our clients. In some cases, we offer a very basic managed services plan to ensure the most essential maintenance is done, then bill the client hourly for any support used. Some of our clients find this the most economical. For others, we offer a fully managed approach where more comprehensive IT services are covered in a managed solution. By doing this, we can properly staff for their accounts and ensure they get the fast, responsive support and expertise they need.

The only time I would recommend a "time and materials" approach is when you already have a competent IT person or team proactively managing your computer network and simply have a specific IT project to complete that your current in-house IT team doesn't have the time nor expertise to implement (such as migrating to a cloud-based solution, implementing a cyber-security plan, etc.). Outside of that specific scenario, I do not think the break-fix approach is a good idea for general IT support for one very important, fundamental reason: you'll ultimately end up paying for a pound of "cure" when problems could have easily been avoided with an "ounce" of prevention.

Why Regular Monitoring And Maintenance Is Critical For Today's Computer Networks

The fact of the matter is computer networks absolutely, positively need ongoing maintenance and monitoring to stay secure. The ever-increasing dependency we have on IT systems and the data they hold – not to mention the type of data we're now saving digitally – has given rise to very smart and sophisticated cybercrime organizations that work around the clock to do one thing: hack into your network to steal data or money or to hold you ransom.

As you may know, ransomware is at an all-time high because hackers make millions of tax-free dollars robbing one small business owner at a time. But that's not their only incentive.



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Some will attempt to hack your network to gain access to bank accounts, credit cards or passwords to rob you (and your clients). Some use your computer network to send spam using YOUR domain and servers, host pirated software and, of course, spread viruses. Some even do it just for the "fun" of it.

And don't think for a minute these cybercriminals are solo crooks working alone in a hoodie out of their basement. They are highly organized and well-run operations employing teams of hackers who work together to scam as many people as they can. They use advanced software that scans millions of networks for vulnerabilities and use readily available data on the dark web of YOUR usernames, passwords, e-mail addresses, and other data to gain access.

Of course, this isn't the only IT danger you face. Other common "disasters" include rogue employees, lost devices, hardware failures (still a BIG reason for data loss), fire and natural disasters and a host of other issues that can interrupt or outright destroy your IT infrastructure and the data it holds. Then there's regulatory compliance for any business hosting or touching credit card or financial information, medical records, and even client contact information such as e-mail addresses.

Preventing these problems and keeping your systems up and running (which is what managed IT services is all about) is a LOT less expensive and damaging to your organization than waiting until one of these things happens and then paying for emergency IT services to restore your systems to working order (break-fix).

Should You Just Hire A Full-Time I.T. Manager?

In most cases, it is not cost-effective for companies with under 50 employees to hire a full-time IT person for a couple of reasons.

First of all, no one IT person can know everything there is to know about IT support and cyber security. If your company is big enough and growing fast enough to support a full-time IT lead, you probably need more than one guy. You need someone with help-desk expertise as well as a network engineer, a network administrator, a CIO (chief information officer), and a CISO (chief information security officer).



Therefore, even if you hire a full-time IT person, you may still need to supplement their position with co-managed IT support using an IT firm that can fill in the gaps and provide services and expertise they don't have. This is not a bad plan; what IS a bad plan is hiring one person and expecting them to know it all and do it all.

Second, finding and hiring good people is difficult; finding and hiring skilled IT people is incredibly difficult due to the skill shortage for IT. And if you're not technical, it's going to be very difficult for you to interview candidates and sift and sort through all the duds out there to find someone with good skills and experience. Because you're not technical, you might not know the right questions to ask during the interview process or the skills they need to do the job.

More often than not, the hard and soft costs of building an internal IT department for general IT support just don't provide the best return on investment for the average small to midsize business. An internal IT department typically doesn't make sense until you have closer to 100 employees OR you have unique circumstances and need specialized skills, a developer, etc., but not for day-to-day IT support and maintenance.

Why "Break-Fix" Works Entirely In The Consultant's Favor, Not Yours

Under a "break-fix" model, there is a fundamental conflict of interests between you and your IT firm. The IT services company has no incentive to prevent problems, stabilize your network or resolve problems quickly because they are getting paid by the hour when things stop working; therefore, the risk of unforeseen circumstances, scope creep, learning curve inefficiencies and outright incompetence are all shifted to YOU, the customer. Essentially, the more problems you have, the more they profit, which is precisely what you DON'T want.



Under this model, the IT consultant can take the liberty of assigning a junior (lower-paid) technician to work on your problem – one who may take two to three times as long to resolve an issue that a more senior (and more expensive) technician might resolve in a fraction of the time. There is no incentive to properly manage the time of that technician or their efficiency, and there is every reason for them to prolong the project and find MORE problems than solutions. Of course, if they're ethical and want to keep you as a client, they should be doing everything possible to resolve your problems quickly and efficiently; however, that's akin to putting a German shepherd in charge of watching over the ham sandwiches. Not a good idea.

Second, it creates a management problem for you, the customer, who now has to keep track of the hours they've worked to make sure you aren't getting overbilled, and since you often have no way of really knowing if they've worked the hours they say they have, it creates a situation where you really, truly need to be able to trust they are being 100% ethical and honest AND tracking THEIR hours properly (not all do).

And finally, it makes budgeting for IT projects and expenses a nightmare since they may be zero one month and thousands the next.

What Should You Expect To Pay?

Important! Please note that the following price quotes are industry averages based on a recent IT industry survey conducted of over 750 different IT services firms. We are providing this information to give you a general idea of what most IT services firms charge and to help you understand the VAST DIFFERENCES in service contracts that you must be aware of before signing on the dotted line. Please understand that this does NOT reflect our pricing model or approach, which is simply to understand exactly what you want to accomplish FIRST and then customize a solution based on your specific needs, budget, and situation.



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<<NOTE: Modify this section by including any other criteria the person should look for or demand based on your professional opinion and the way you charge your clients for projects. And list all the services YOU feel a standard managed I.T. services agreement should include.>>

Hourly Break-Fix Fees:

Hourly Break-Fix Fees: Most IT services companies selling break-fix services charge between \$125-\$250 per hour with a one-hour minimum. In some cases, they may give you a discount on their hourly rates if you purchase and pay for a block of hours in advance.

If they are quoting a project, the fees range widely based on the scope of work outlined. If you are hiring an IT consulting firm for a project, I suggest you demand the following:

- **A very detailed scope of work that specifies what "success" is.** Make sure you detail what your expectations are in performance, workflow, costs, security, access, etc. The more detailed you can be, the better. Detailing your expectations up front will go a long way toward avoiding miscommunications and additional fees later on to give you what you REALLY wanted.
- **A fixed budget and time frame for completion.** Agreeing to this up front aligns both your agenda and the consultant's. Be very wary of loose estimates that allow the consulting firm to bill you for "unforeseen" circumstances. The bottom line is this: it is your IT consulting firm's responsibility to be able to accurately assess your situation and quote a project based on their experience. You should not have to pick up the tab for a consultant underestimating a job or for their inefficiencies. A true professional knows how to take into consideration those contingencies and bill accordingly.

Warning! Beware the gray areas of "all-inclusive" service contracts. In order to truly compare the "cost" of one managed IT services contract with another, you need to make sure you fully understand what IS and ISN'T included AND the "SLA" or "service level agreement" you are signing up for. It's VERY easy for one IT services provider to appear far less expensive than another UNTIL you look closely at what you are getting.

Managed I.T. Services:

Most managed IT services firms will quote you a MONTHLY fee based on the number of devices they need to maintain, back up and support. In Central PA, that fee is somewhere in the range of \$100-\$500 per server and \$50-\$100 per desktop.

If you hire an IT consultant and sign up for a managed IT services contract, here are some things that SHOULD be included:

- Security patches applied weekly, if not daily, for urgent and emerging threats
- Antivirus updates and monitoring
- Firewall updates and monitoring
- Backup monitoring and test restores
- Monitoring workstations and servers for signs of failure
- Optimizing systems for maximum speed
- Documentation of your network, software licenses, credentials, etc.

The following services may NOT be included and will often be billed separately. This is not necessarily a "scam" or unethical UNLESS the managed IT services company tries to hide these fees when selling you a service agreement. Make sure you review your contract carefully to know what is and is NOT included!

- Hardware, such as new servers, PCs, laptops, etc.
- Software licenses
- Special projects

The following are 21 questions to ask your IT services provider that will clarify exactly what you're getting for the money. Some of these items may not be that important to you, while others (like response time, adequate insurance and uptime guarantees) may be critical. Make sure you fully understand each of these items before making a decision about who the right provider is for you, then make sure you get this IN WRITING.

21 Questions You Should Ask Your I.T. Services Company Or Consultant Before Hiring Them For I.T. Support

Customer Service:

Q1

When I have an I.T. problem, how do I get support?

Our Answer: When a client has a problem, we "open a ticket" in our IT management system so we can properly assign, track, prioritize, document and resolve client issues. However, some IT firms force you to log in to submit a ticket and won't allow you to call or e-mail them. This is for THEIR convenience, not yours. Trust me, this will become a giant inconvenience and thorn in your side. While a portal is a good option, it should never be your ONLY option for requesting support.

Also, make sure they HAVE a reliable system in place to keep track of client "tickets" and requests. If they don't, I can practically guarantee your requests will sometimes get overlooked, skipped and forgotten.

Requesting support should also be EASY for you. So be sure to ask how you can submit a problem to their support desk for resolution. We make it easy. Calling or e-mailing, puts your IT issue on the fast track to getting resolved.

Q2

Do you offer after-hours support, and if so, what is the guaranteed response time?

Our Answer: Any good IT company will answer their phones LIVE (not voice mail or phone trees) and respond from 8:00 a.m. to 5:00 p.m. every weekday. But many CEOs and executives work outside normal "9 to 5" hours and need IT support both nights and weekends. You can reach our after-hours support any time and any day.



Q3

Do you have a written, guaranteed response time for working on resolving your problems?

Our Answer: Most IT firms offer a 60-minute or 30-minute response time to your call during normal business hours. Most of the time, this is just an automated email "letting you know they received your request" not an indication that there's action toward resolution of your request. If you think it's important enough to call our helpdesk, our goal is to answer your call within 60 seconds and resolve your request on the first call. By the way, over 80% of the requests submitted to our helpdesk are resolved on the first call.

**Q4**

Will I be given a dedicated account manager?

Our Answer: Smaller firms may not offer this due to staff limitations, and the owner may tell you they will personally manage your account. While that sounds like great customer service, the owner is usually so busy that you'll only be given reactive support instead of proactive account management. Rest assured, from initial call to final resolution, you will work with our SAME dedicated account manager who will know you, your business, and your goals.

Q5

Do you have a feedback system in place for your clients to provide "thumbs up" or "thumbs down" ratings on your service? If so, can I see those reports?

Our Answer: If they don't have this type of feedback system, they may be hiding their lousy customer service results. If they DO, ask for customer testimonials. That will tell you a lot about the quality of service they are providing. We are very proud of our positive client feedback and will be happy to share testimonials with you.



I.T. Maintenance (Managed Services):

Q6

Do you offer true managed I.T. services and support?

Our Answer: You want to find an IT company that will proactively monitor for problems and perform routine maintenance on your IT systems. If they don't have the ability to do this, or they don't offer it, we strongly recommend you look somewhere else. Our remote network monitoring system watches over your network to constantly look for developing problems, security issues and other problems so we can address them BEFORE they turn into bigger problems. Our team routinely, performs preventative checkups and maintenance to ensure your systems continue run smoothly.

Q7

What is **NOT** included in your managed services agreement?

Our Answer: Another "gotcha" many IT companies fail to explain is what is NOT included in your monthly managed services agreement that will trigger an invoice. Their so-called "all you can eat" option is RARELY true – there are limitations to what's included and you want to know what they are BEFORE you sign.

It's very common for projects to not be included, like a server upgrade, moving offices, adding new employees and, of course, the software and hardware you need to purchase.

But here's a question you need to ask: If you were hit with a costly ransomware attack, would the recovery be EXTRA or included in your contract? Recovering from a cyber-attack could take HOURS of high-level IT expertise. Who is going to eat that bill? Be sure you're clear on this before you sign, because surprising you with a big, fat bill is totally and completely unacceptable.



Other things to inquire about are:

- Do you offer truly unlimited help desk? (Make sure you are not nickel-and-dimed for every call.)
- Does the service include support for cloud services such as Microsoft 365?
- Do you charge extra if you have to resolve a problem with a line-of-business application, Internet service provider, phone system, leased printer, etc.? (What you want is an IT company that will own the problems and not point fingers. We are happy to call the vendor or software company on your behalf.)
- Do you include on-site support calls? Most "all-inclusive" offerings don't include on-site support. The ones that say they do often include the caveat, "at our discretion". This should be clearly defined.
- If we were to get ransomed or experience some other disaster (fire, flood, theft, tornado, hurricane, etc.), would rebuilding the network be included in the service plan or considered an extra project we would have to pay for? (Get this IN WRITING. Recovering from such a disaster could take hundreds of hours of time for your IT company's techs, so you want to know in advance how a situation like this will be handled before it happens.)

Our managed services agreement is completely transparent and covers the content listed above.

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Q8

Is your help desk local or outsourced?

Our Answer: Be careful because smaller IT firms may outsource this critical function. As a result, you may get a tech who is not familiar with you, your network, previous problems, and personal preferences. Or worse, they may not be as qualified. This can be frustrating and lead to the same problems cropping up over and over, longer resolution time and you having to spend time educating the tech on your account.

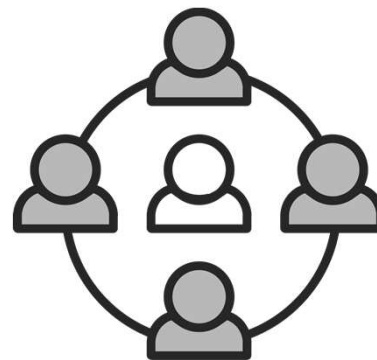
Fortunately, we provide senior level helpdesk technicians who will get to know you and your company, as well as your preferences and history. When you work with our local help desk technicians, they'll be more capable of successfully resolving your IT issues and handling things the way you want.

Q9

How many engineers do you have on staff?

Our Answer: Be careful about hiring small, one-person IT firms that only have one or two techs or that outsource this critical role. Everyone gets sick, has emergencies, goes on vacation, or takes a few days off from time to time. We have more than enough full-time techs on staff to cover in case one is unable to work.

ALSO: Ask how they will document fixes, changes, credentials for you organization so if one tech is out or unavailable, another can step in and know your network settings, history, previous issues, etc., and how those issues were resolved. This is important or you'll be constantly frustrated with techs who are starting over to resolve a known issue or may screw up something because they don't understand or have a blueprint of your computer network.



Q10

Do you offer documentation of our network as part of the plan, and how does that work?

Our Answer: Network documentation is exactly what it sounds like: the practice of maintaining detailed technical records about the assets you own (computers, devices, software, directory structure, user profiles, passwords, etc.) and how your network is set up, backed up and secured. Every IT company should provide this to you in both written (paper) and electronic form at no additional cost and update it on a quarterly basis.

Why is this important? There are several reasons:

First, it shows professionalism and integrity in protecting YOU. No IT person or company should be the only holder of the keys to the kingdom. Because we document your network assets and passwords, you have a blueprint you can give to another IT person or company to take over if necessary.

Second, good documentation allows the engineers working on your account to resolve problems faster because they don't waste time fumbling their way around your network trying to find things and uncover accounts, hardware, software licenses, etc. Third, if you had to restore your network after a disaster, you'd have the blueprint to quickly put things back in place as they were.

Finally, and most important, if you ever need to switch IT providers, your replacement company will be able to take over quickly because the network has been documented properly.

All our clients receive this in written and electronic form at no additional cost. We also perform a quarterly update on this material and make sure certain key people from your organization have this information and know how to use it, giving you complete control over your network.

Side note: You should NEVER allow an IT person to have that much control over you and your company. If you get the sneaking suspicion that your current IT person is keeping this under their control as a means of job security, get rid of them (and we can help to make sure you don't suffer ANY ill effects). This is downright unethical and dangerous to your organization, so don't tolerate it!

Q11

Do you meet with your clients quarterly as part of your managed services agreement?

Our Answer: To us, there's nothing more important than face-to-face time with our clients. Therefore, we make it a priority to meet with all our clients regularly to provide a "technology review."

In these meetings, we provide you with the status updates of projects you're working on and of the health and security of your network. We also make recommendations for new equipment and upgrades you'll be needing soon or sometime in the near future. Our regular meetings with you are C-level discussions (not geek-fests) where we openly discuss your business goals, including your IT budget, critical projects, compliance issues, known problems, and cyber security best practices.

Our goal in these meetings is to help you improve operations, lower costs, increase efficiencies, and ensure your organizational productivity stays high. This is also your opportunity to give us feedback on how we're doing and discuss upcoming projects.



Q12

If I need or want to cancel my service with you, how does this happen and how do you offboard us?

Our Answer: Make sure you carefully review the cancellation clause in your agreement. Many IT firms hold their clients hostage with long-term contracts that contain hefty cancellation penalties and will even sue you if you refuse to pay.

We would never "force" a client to stay with us if they are unhappy for any reason. Therefore, we make it easy to cancel your contract with us, with zero contention or fines. Our "easy out" agreements make us work that much harder to exceed your expectations every day so we keep your business.

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Q13

What cyber security certifications do you and your in-house team?

Our Answer: For some, cyber-security is an afterthought. Cyber-security has always been our primary focus. Our solutions are built around the five functions of the NIST cyber-security framework. Protecting you is our most important objective.



Q14

How do you lock down our employees' PCs and devices to ensure they're not compromising our network?

Our Answer: This question may get a bit technical. The key is that they HAVE an answer and don't hesitate to provide it. Some of the things they should mention are:

- 2FA (two-factor authentication)
- Advanced end-point protection, NOT just antivirus

Because a combination of these lockdown strategies is essential to protecting your network and data, we employ ALL of these for our clients. Effective cyber security should never compromise between choosing this OR that. It should feature every weapon in your arsenal.

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Q15

What cyber liability and errors and omissions insurance do you carry to protect me?

Our Answer: Here's something to ask about: if THEY cause a problem with your network that causes you to be down for hours or days, to lose data or get hacked, who's responsible? What if one of their technicians gets hurt at your office? Or damages your property while there?

In this litigious society we live in, you better make darn sure whomever you hire is adequately insured with both errors and omissions insurance, workers' compensation, and cyber liability – and don't be shy about asking them to send you the policy to review!

If you get hit with ransomware due to their negligence, someone has to pay for your lost sales, the recovery costs and the interruption to your business operations. If they don't have insurance to cover YOUR losses of business interruption, they might not be able to pay, and you'll have to end up suing them to cover your costs. If sensitive client data is compromised, who's responsible for paying the fines that you might incur and the lawsuits that could happen? No one is perfect, which is why you need them to carry adequate insurance.

True story: A few years ago, a company that shall not be named was slapped with several multimillion-dollar lawsuits from customers for bad behavior by their technicians. In some cases, their techs were accessing, copying, and distributing personal information they gained access to on customers' PCs and laptops brought in for repairs. In other cases, they lost a client's laptop (and subsequently all the data on it) and tried to cover it up. Bottom line, make sure the IT firm you are hiring has proper insurance to protect YOU.

Rest assured, we make it a priority to carry all the necessary insurance to protect you. Simply ask, and we will be happy to show you a copy of our policy.



Q16

Who audits YOUR company's cyber security protocols and when was the last time they conducted an audit?

Our Answer: Nobody should proofread their own work, and every professional IT consulting firm will have an independent third party reviewing and evaluating their company for airtight cyber security practices.

There are many companies that offer this service, so who they use can vary (there's a number of good ones out there). If they don't have a professional cyber security auditing firm doing this for them on at least a quarterly basis, or if they tell you they get their peers to audit them, DO NOT hire them. That shows they are not taking cyber security seriously.

You can be confident in the effectiveness of our cyber security because we are audited by and we have just recently been audited.

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Q17

Do you have a SOC and do you run it in-house or outsource it? If outsourced, what company do you use?

Our Answer: A SOC (pronounced "sock"), or security operations center, monitors and deals with security issues pertaining to a company's network.

Most managed service providers outsource this service while a small number have the resources in-house.



The key thing to look for is that they have one. Less experienced IT consultants may monitor your network hardware, such as servers and workstations, for uptime and patches, but they might not provide security monitoring. This is particularly important if you host sensitive data (financial information, medical records, credit cards, etc.) and fall under regulatory compliance for data protection.

Rest assured, we partner with an industry leading SOC to provide proactive security monitoring for our clients to better prevent a network violation or data breach.

Backups And Disaster Recovery:

Q18

Can you provide a timeline of how long it will take to get my network back up and running in the event of a disaster?

Our Answer: There are two aspects to backing up your data that most business owners aren't aware of. The first is "fail over" and the other is "fail back." For example, if you get a flat tire, you would fail over by putting on the spare tire to get to a service station where you can fail back to a new or repaired tire.

If you were to have a disaster that wiped out your data and network – be it a ransomware attack or natural disaster – you want to make sure you have a fail-over solution in place so your employees could continue to work with as little interruption as possible. This fail-over should be in the cloud and locked down separately to avoid ransomware from infecting the backups as well as the physical servers and workstations.

But, at some point, you need to fail back to your on-premise network, and that's a process that could take days or even weeks. If the backups aren't done correctly, you might not be able to get it back at all.

So, one of the key areas you want to discuss with your next IT consultant or firm is how they handle both data backup AND disaster recovery. They should have a plan in place and be able to explain the process for the emergency fail-over as well as the process for restoring your network and data with a timeline.

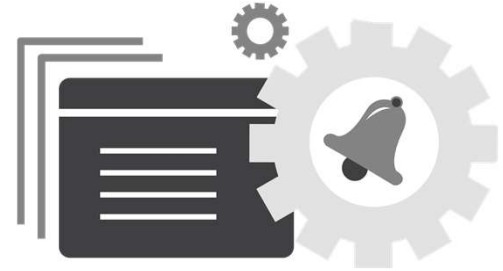
In this day and age, regardless of ransomware, natural disaster, equipment failure or any other issue, your business should ALWAYS be able to be operational with its data within six to eight hours or less, and critical operations should be failed over immediately.

We understand how important your data is and how getting your team up and running quickly is essential to your business success. Therefore, in the event of any disaster, we can confidently get your network back up and running in 4 hours or less.

Q19

Do you **INSIST** on doing periodic test restores of my backups to make sure the data is not corrupt and could be restored in the event of a disaster?

Our Answer: A great IT consultant will place eyes on your backup systems every single day to ensure that backups are actually occurring, and without failures. However, in addition to this, your IT company should perform a regular "fire drill" test restore of some of your files from backups to make sure your data CAN be recovered in the event of an emergency. After all, the WORST time to "test" a backup is when you desperately need it.



If you don't feel comfortable asking your current IT company to test your backup OR if you have concerns and want to see proof yourself, just conduct this little test: Copy three unimportant files onto a thumb drive (so you don't lose them) and delete them from your server. Make sure one was newly created that same day, one was created a week earlier and the last a month earlier. Then call your IT company and let them know you've lost three important documents and need them restored from backups as soon as possible. They should be able to do this easily and quickly. If not, you have a problem that needs to be addressed immediately!

Verifying your backups daily and testing them on a regular basis is a cornerstone of a successful overall IT strategy. These are the lengths we go to for all our clients, including regular "fire drill" test restores to ensure ALL your files are safe because they are always backed up.



TIP: Ask your IT provider about the "3-2-2" rule of backups, which has evolved from the "3-2-1" rule. The 3-2-1 rule is that you should have three copies of your data: your working copy, plus two additional copies on different media (tape and cloud), with at least one being off-site for recovery. That rule was developed when tape backups were necessary because cloud backups hadn't evolved to where they are today. Today, there are more sophisticated cloud backups and BDR (backup and disaster recovery) devices. Therefore, we recommend three copies of your data.

To Schedule Your **FREE** Assessment,
please visit www.linkcorp.com
or call our office at 888-750-5465.

Q20

If I were to experience a location disaster, pandemic shutdown or other disaster that prevented me from being in the office, how would you enable me and my employees to work from a remote location?

Our Answer: If Covid taught us anything, it's that work-interrupting disasters CAN and DO happen when you least expect them. Fires, floods, hurricanes, and tornadoes can wipe out an entire building or location. Covid forced everyone into lockdown, and it could happen again.

We could experience a terrorist attack, civil unrest or riots that could shut down entire cities and streets, making it physically impossible to get into a building. Who knows what could be coming down the pike? Hopefully NONE of this will happen, but sadly it could.

That's why you want to ask your prospective IT consultant how quickly they were able to get their clients working remote (and securely) when Covid shut everything down. Ask to talk to a few of their clients about how the process went.



Q21

Show me your process and documentation for onboarding me as a new client.

Our Answer: The reason for asking this question is to see if they HAVE SOMETHING in place. A plan, a procedure, a process. Don't take their word for it. Ask to SEE it in writing. What's important here is that they can produce some type of process. Further, they should be able to explain how their process works.

One thing you will need to discuss in detail is how they are going to take over from the current IT company – particularly if the current company is hostile. It's disturbing to me how many IT companies or people will become bitter and resentful over being fired and will do things to screw up your security and create problems for the new company as a childish way of getting revenge. (Sadly, it's more common than you think.) A good IT company will have a process in place for handling this.

If you consider us as your next IT services firm, we will gladly share our new client onboarding process and documentation. I think you'll be impressed.

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Other Things To Notice And Look Out For: _____



Are they good at answering your questions in terms you can understand and not in arrogant, confusing "geek-speak"?

Good IT companies won't confuse you with techno-mumbo-jumbo, and they certainly shouldn't make you feel stupid for asking questions. All great consultants have the "heart of a teacher" and will take time to answer your questions and explain everything in simple terms. As you interact with them in the evaluation process, watch for this.

Our technicians are trained to take time to answer your questions and explain everything in simple terms.



An actual person is always there to answer the call when we need help and we can always count on them to quickly work through any problem with us.

The Link staff is experienced and knowledgeable with all of the services that they provide, which is huge when it comes to IT and IT support. The Link team is unbelievably friendly and professional both in person and over the phone.

Sullivan McConnell
Practice Manager & Clinical Director
Blair Foot & Ankle



Do they and their technicians present themselves as true professionals when they are in your office? Do they dress professionally and show up on time?

If you'd be embarrassed if YOUR clients saw your IT consultant behind your desk, that should be a big red flag.

How you do anything is how you do everything, so if they cannot show up on time for appointments, are sloppy with paperwork, show up unprepared, forget your requests and seem disorganized in the meeting, how can you expect them to be 100% on point with your IT? You can't. Look for someone else.

Our technicians are true professionals who you would be proud to have in your office. They dress professionally and show up on time, and if they cannot be there on time (for some odd, unforeseen reason), we always notify the client immediately. We believe these are minimum requirements for delivering a professional service.

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Do they have expertise in helping clients similar to you?

Do they understand how your business operates the line-of-business applications you depend on? Are they familiar with how you communicate, get paid, service your clients or patients and run your business? We have several Small/Medium Businesses clients. The reason we work well with them is because we've been helping businesses improve their technology, enhance data security, and enrich communications for over 40 years



The biggest benefit of choosing Link would first be the responsiveness of the team. Mike, Aaron, and the HelpDesk folks have surpassed expectations on their timely assistance to run-of-the-mill issues, projects, and everything else we need.

Second, the Link team has been willing to educate our folks on how things work, why they believe something should be redone or set up in a particular way, and any other questions we have about our IT environment.

The team at Link has been 100% upfront and fair. They're willing to work with us on budgets for projects and being open and visible with the work that they do.

The Link team has been incredibly helpful – while the IT world moves to being remote, they've been willing and able to come on site to help resolve issues on the drop of a dime (including afterhours issues). We have yet to have a business disruption last more than a few minutes, and all other issues have been resolved well under their SLA.



– John Cotrill, CPA Controller Metzler Forest Products

A Final Word And Free Offer To Engage With Us

I hope you have found this guide helpful in shedding some light on what to look for when hiring a professional firm to outsource your IT support to. As I stated in the opening of this report, my purpose in providing this information is to help you make an informed decision and avoid getting burned by incompetent or unethical firms luring you in with cheap prices.

The next step is simple: call my office at (814) 742-7700 and reference this letter to schedule a brief 10- to 15-minute initial consultation.

On this call we can discuss your unique situation and any concerns you have and, of course, answer any questions you have about us. If you feel comfortable moving ahead, we'll schedule a convenient time to conduct our proprietary technology assessment.

At the end of the Assessment, you'll know:

- ✓ Where you are overpaying (or getting underserved) for the services and support you are currently getting from your current IT company or team.
- ✓ Whether or not your systems and data are truly secured from hackers and ransomware, and where you are partially or totally exposed.
- ✓ If your data is actually being backed up in a manner that would allow you to recover it quickly in the event of an emergency or ransomware attack.
- ✓ Where you are unknowingly violating data breach or compliance regulations.
- ✓ How you could lower the overall costs of IT while improving communication, security, and performance, as well as the productivity of your employees.

Fresh eyes see things that others cannot – so, at a minimum, our free Assessment is a completely cost- and risk-free way to get a credible third-party validation of the security, stability, and efficiency of your IT systems.

To Schedule Your **FREE** Assessment, please visit www.linkcorp.com or call our office at 888-750-5465.

With appreciation,

Mike Strait
Managed Services Team Lead Link Computer Corporation
(814) 742-7700
mstrait@linkcorp.com
Web: www.linkcorp.com



See What Other Business Owners Are Saying:

“When it comes to Link Computer, their support, knowledge, and the protection they offer is unmatched in our area!”

The biggest benefit to working with Link is simply the ease in which we can speak to an actual representative or support team member and get any issue resolved. We have never struggled to get in contact with a Link network engineer. We can always count on Link to quickly work through any problem with us.

The Link team is experienced and knowledgeable, which is huge when it comes to IT and IT support. They are unbelievably friendly and professional.

When it comes to Link Computer, their support, knowledge, and the protection they offer is unmatched!

“We chose Link because of their proven track record”

We chose Link because of their proven track record. They were brought in to secure the borough's network. Link delivered top level communication, while the other providers constantly left us waiting.

Link has been an easy switch for us. Cost are down, our network is up and backups are completing. We have the support we can count on and trust. Link has made the management of the borough's systems and network completely worry-free.

“Link Computer - their breadth of knowledge is indispensable”

For a small company, we have the choice of hiring an IT employee, or hiring a company. The biggest advantage of working with Link Computer is having a team of experts and their experience to draw upon.

Their breadth of knowledge is indispensable. In the past there was a single person in the IT firm that did everything, not specializing in anything. Link has the expertise and team to get the job done.

If you're having IT issues that need solved, call Link and let them provide the solutions to help your business.

The Top Reasons Why You'll Want To Outsource Your IT Support To Us:

1

If you think it's important enough to call, we'll respond to your call in 60 seconds or less with the goal to resolve the request on the first call.

2

Over 80% of the calls to our helpdesk are resolved on the first call.

3

No "junior level" engineers on the helpdesk

4

No automated emails. Our engineers communicate directly via phone or email with our customers.

5

We stand behind our service with flexible agreements

6

Link is committed to serving the community

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