



The Evolution of Network Security and Protecting Your Business

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The network security landscape continues to evolve at an increasing rate. It's not as simple as having the latest antivirus software or storing your data in the cloud. Even Apple's famously impenetrable Macs [aren't robust enough](#) to withstand hackers and malware anymore.

As an experienced managed IT services provider, KME Systems can ensure your company has what it needs to take on the growing number of network security threats against your business.

It Can Happen to Anyone

The number 1.5 billion is huge and is five times larger than America's current population; however, between 2013 and 2014, hackers [compromised this many Yahoo accounts](#) over two of the biggest breaches in internet history. Yahoo didn't publicly disclose this information until fall 2016, just a few months after the tech giant announced a merger deal with Verizon Communications.

In February 2017, Yahoo and Verizon revealed their deal would still go through but not according to original plans and with about \$350 million cut from the acquisition price. Verizon intends to sign the check this spring, but its blemished gem comes with several ongoing lawsuits.

Ultimately, the damages are threefold for Yahoo: loss of data, reputation and profits. However, network security threats aren't exclusive to major companies, and [Verizon CEO Lowell McAdam says it best](#), "We all live in an internet world, it's not a question of if you're going to get hacked but when you are going to get hacked."

While McAdam shares an irrefutable truth, it doesn't mean your business should give up. In fact, the right network security strategies involve both proactive and responsive measures.

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1.5 BILLION
YAHOO!

Network Security Essentials for Every Business

Malicious hackers have many tools and strategies under their belt, including various forms of malware, social engineering techniques, free software downloads and more. Your business needs tools of its own to combat these.

At KME Systems, a core component of our managed IT services includes our Security Essentials. No matter if your company considers partnering with us or not, these are a must if you hope to stand a chance against hackers.

- **Business-grade antivirus to protect against various forms of malware**
- **Best-in-class email filtering to block phishing campaigns and malicious content**

- **Advanced network scanning to supplement your security software**
- **Redundant data backups to prevent ransomware from holding your data hostage**



Although it's easy to research and purchase these solutions, having just any antivirus or filtering system isn't enough. What you think might be the right combination of tools could leave holes in your network.

We use several different vendors to minimize threats. Our reasoning for this is the same as your doctor's when they prescribe multiple medications to treat an illness. Each vendor we select for your business offers unique solutions that we layer to create a series of fail-safes within your network. Every network security tool we provide fills specific needs, and when one falters to a threat, another remains intact.

But no amount of technology can protect against threats if your employees don't understand how to determine what is safe and isn't, which is why KME is committed to training your staff as well.



According to a 2016 network security report from the Ponemon Institute, the average cost of one stolen record for American businesses is \$236. How many records can your business afford to lose before it has to close its doors?

According to the Association of Corporate Counsel, [24% of security breaches are a result of employee error](#), making it the leading cause by a high margin.

Beyond delivering technology solutions and training, we also provide you with a dedicated team to respond to potential threats 24/7/365 and ensure your security technology remains up-to-date.

Customizing Your Network Security Suite

KME is continuing to develop new ways to improve our clients' network security. As a result, we are incorporating an additional set of tools above and beyond what our current customers already have.

Whether this is your first time hearing about us or you've been a loyal partner for years, you might be wondering why?

The answer is simple: the threat has changed, even since you began reading this document. However, we are also growing our custom security solutions because not every client we serve has the same needs. We are calling this new offering our Security Suite.

While the list will continue to expand, some of the biggest solutions we now provide include:

- **Backing up Office 365 to protect your files and processes in the cloud**
- **Email encryption to ensure no hacker view your private messages**
- **Desktop encryption to protect your computer data from hackers and thieves**

By remaining up-to-date with the latest security solutions, your company can continue to avoid repercussions like Yahoo experienced or worse.

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KME Systems: Your Network Security Partner

KME has been helping clients fight against network security threats for more than 20 years. As the threat continues to evolve, our strategies will as well to keep your business safe.

[Give us a call](#) to learn more about how we can protect your reputation and profits.



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