IRON MOUNTAIN®

ARE YOU READY?

WHEN **RANSOMWARE** STRIKES, DO YOU HAVE A PLAN TO RECOVER?

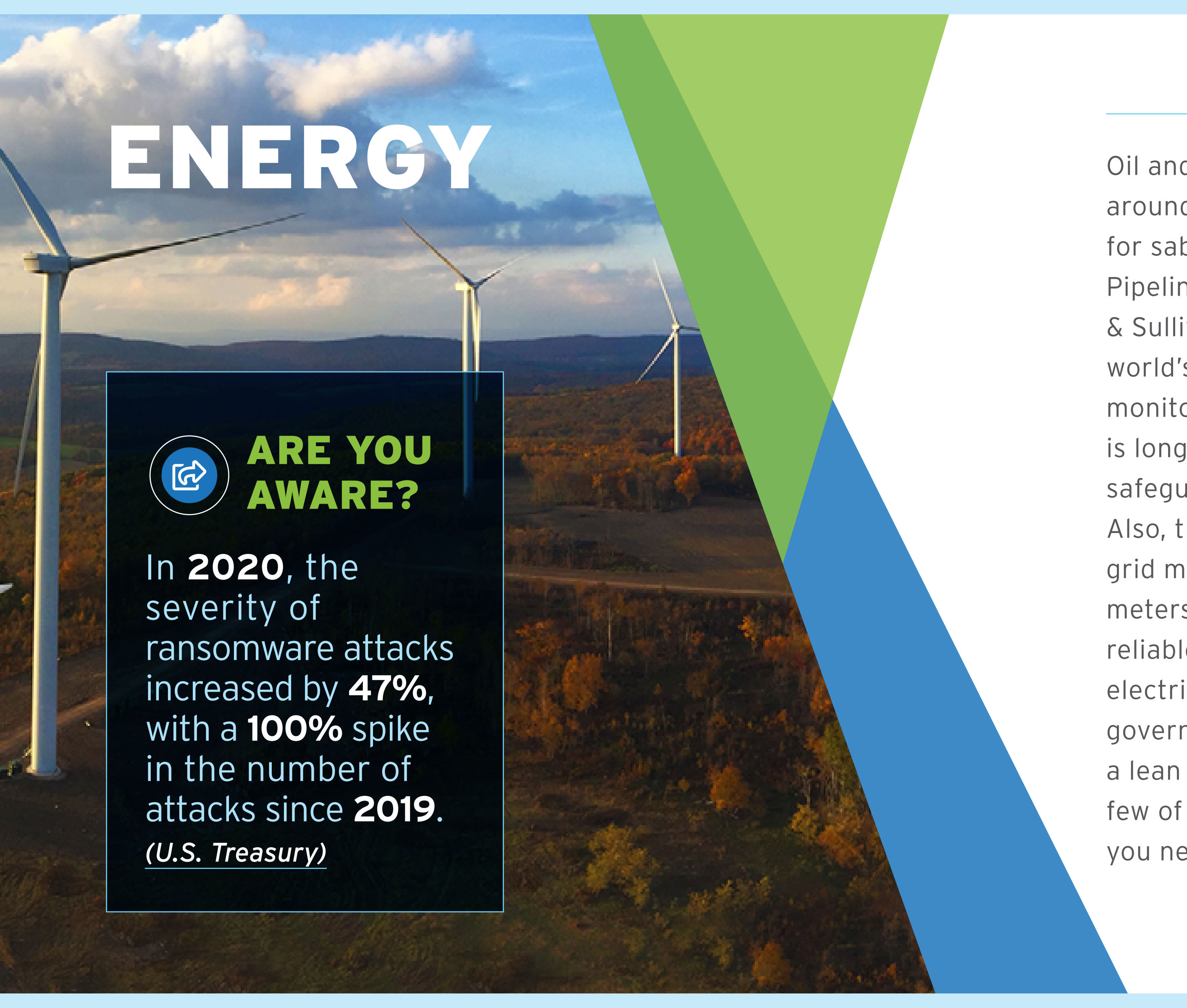
Ransomware attacks and cybersecurity threats are on the rise and can disrupt your business, resulting in data loss, security breaches, and possible financial and brand damage. Hackers don't discriminate: if your IT infrastructure is vulnerable, they will find a way in. Once inside, ransomware spreads, causing extensive damage as it moves through your organization's systems and devices. Even if you find it immediately and begin remediation, most infections aren't uncovered for at least 24 hours. And the longer the ransomware spreads, the longer it will take to remove it. Not to mention, hackers may have stolen data and are demanding payment to release it.

THE COST OF DOING NOTHING IS TOO HIGH

It's predicted that global ransomware damages will reach $20 billion by the end of 2021 – 57x more than in 2015. *(Cybercrime Magazine)*

ARE YOU AWARE?

Ransomware will attack a business every **11 seconds** by the end of **2021**.
(Cybercrime Magazine)

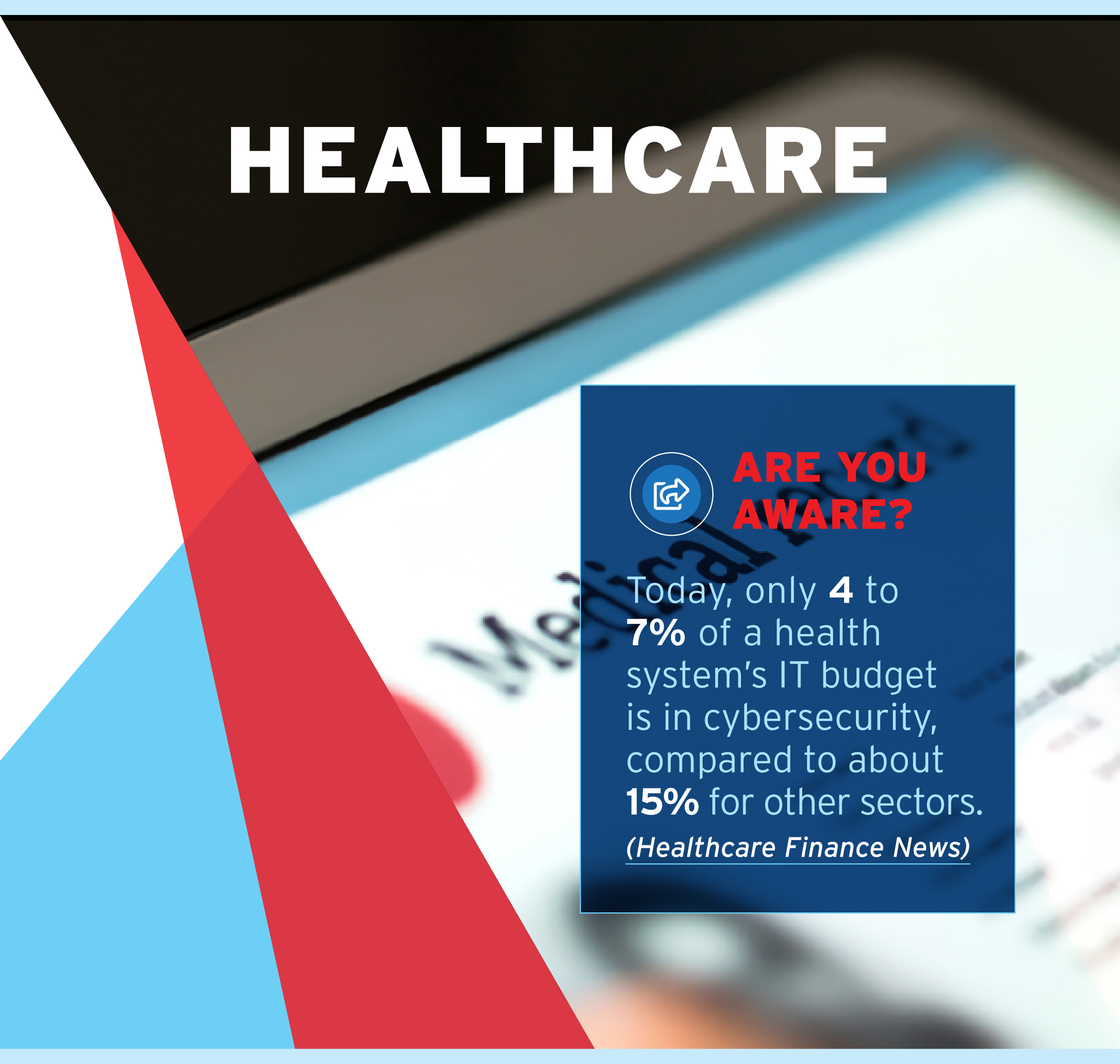


ENERGY

ARE YOU AWARE?

In **2020**, the severity of ransomware attacks increased by **47%**, with a **100%** spike in the number of attacks since **2019**.
(U.S. Treasury)

Oil and gas pipelines span millions of miles around the world and are prime targets for sabotage, as evidenced by the Colonial Pipeline ransomware attack. Recent Frost & Sullivan research states that much of the world's pipeline infrastructure lacks real-time monitoring and that the oil and gas industry is long overdue for technology upgrades to safeguard data and modernize infrastructure. Also, the utilities industry is at a crossroads: grid modernization, increased use of smart meters, consumer demand for affordable, reliable, and environmentally sustainable electricity, as well as growing compliance and government regulations, while operating with a lean workforce and aging systems, are just a few of the challenges you face. The last thing you need to deal with is a ransomware attack.

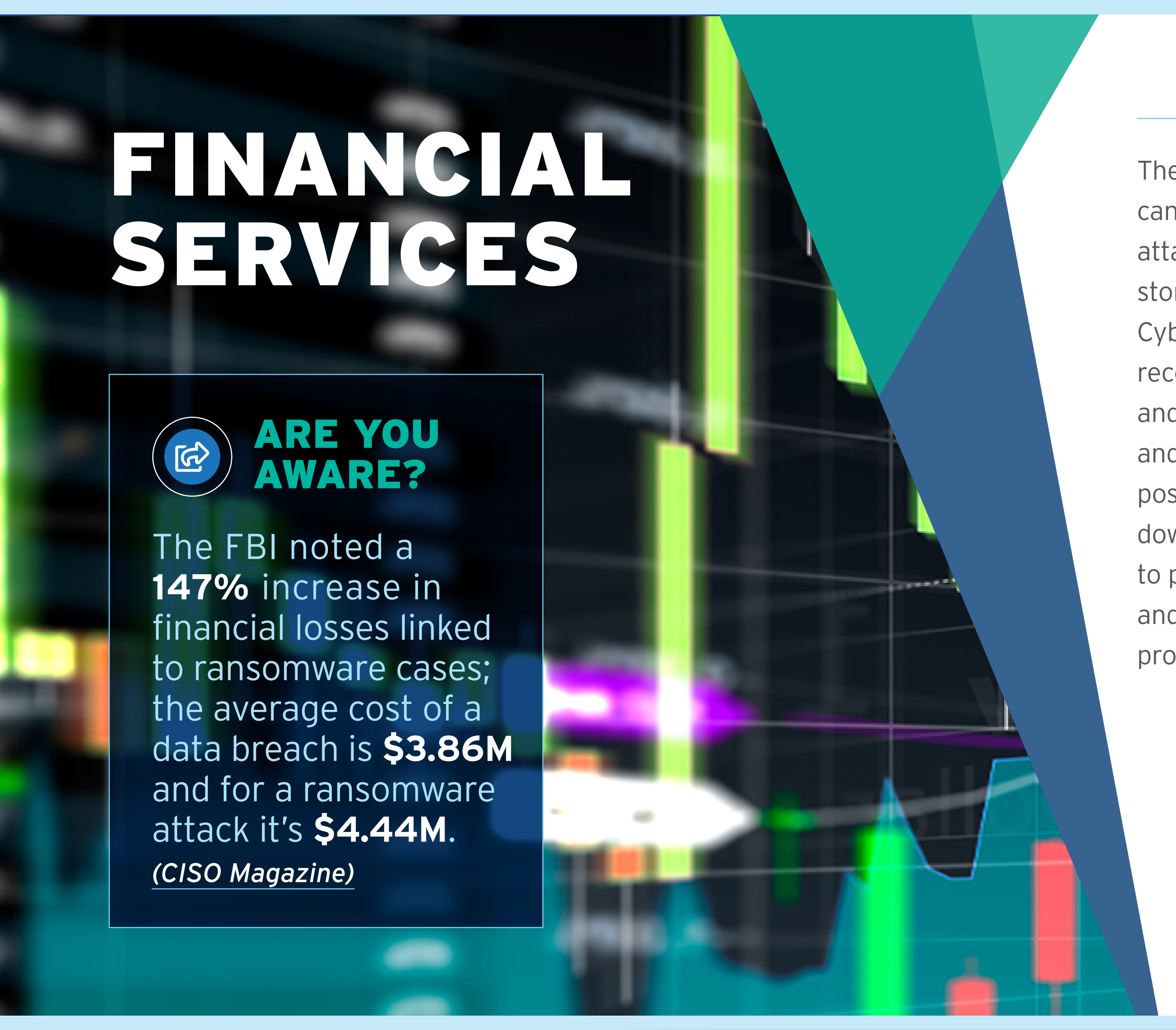


HEALTHCARE

The healthcare ecosystem has seemingly infinite sources and formats of data, and it's growing – at a CAGR of 36 percent. At the same time, roughly 60 to 80 percent of IT budgets are tied up in maintaining legacy applications and mainframe components. It's extremely difficult for health IT leaders to allocate the full scale of budget and resources required to ensure that both IT infrastructure is protected and that data is retained as expected for compliance reasons. Yet budget isn't the only challenge. The complexity of managing cybersecurity has grown exponentially. The pace at which cybercriminals evolve their attacks has accelerated, while the sheer volume of attacks continues to climb.

ARE YOU AWARE?

Today, only **4** to **7%** of a health system's IT budget is in cybersecurity, compared to about **15%** for other sectors.
(Healthcare Finance News)



FINANCIAL SERVICES

ARE YOU AWARE?

The FBI noted a **147%** increase in financial losses linked to ransomware cases; the average cost of a data breach is **$3.86M** and for a ransomware attack it's **$4.44M**.
(CISO Magazine)

The FBI recently announced that organizations can expect a new wave of ransomware attacks, accelerating the need for cold storage solutions to protect your data. The Cybersecurity Infrastructure Security Agency recommends you regularly back up, air gap, and password protect backup copies offline and use multifactor authentication where possible. Modernizing IT will require breaking down traditional silos, while also finding ways to protect and retain access to legacy data, and building out stronger, more resilient data protection strategies for the future.

LEGAL SERVICES

You might not think law firms would be ransomware targets, but given the sensitive nature of the matters small to large firms represent, hackers are keen to exploit any possible vulnerabilities. Law firms are understandably focused on the legal needs of their corporate and individual clients. And, at the same time, it has never been more important that best practices around data protection be in place for the security of the firm. The same is true for in-house counsel at any organization. Researchers like Palo Alto Network's Unit 42 indicate that ransomware payments now average $570,000, an 82 percent YOY increase. For a law firm, if data and confidentiality are breached, the financial and reputational damage could be irreparable.

ARE YOU AWARE?

An American Bar Association report states that **29%** of law firms reported a security breach in **2020**, with **36%** disclosing malware as the primary culprit.
(American Bar Association)

ALL ORGANIZATIONS

ARE YOU AWARE?

July **2020** Gartner report predicts that cybersecurity threats and ransomware attacks will impact **95%** of organizations through **2024**.
(Gartner)

Security and compliance mandates are driving you to look at how you are protecting your organization from ransomware attacks and other cyber threats. With a limited IT budget, you need solutions that protect your organization's data but that are cost-effective, secure, and can also help you recover should the worst-case scenario happen.

THE THREAT IS REAL; NOW IS THE TIME TO PREPARE

Since ransomware can happen to any organization at any time, you need a cost-effective, long-term storage solution with built-in safeguards for ransomware recovery to protect your data. With Iron Mountain's Iron Cloud Secure Offline Storage (SOS) with Vault Lock, you can create an **air-gapped gold** copy of your valuable data that is stored offline and retrievable using multifactor authentication to ensure secure recovery. With our **virtual compute** option, you have the ability to fail over to Iron Mountain to keep day-to-day business operations going if the worst-case scenario occurs. Virtual **clean room** capabilities are also available, so you can verify your data is not corrupted before you restore.

READY TO PREPARE?
READY TO RECOVER?
Contact Iron Mountain today.

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