STASH®

Not Better Data Protection. Bona fide Data Protection

HEALTHCARE

The healthcare industry is the target of widespread and sophisticated cyber attacks. More than 113 million records have been stolen from hospitals and healthcare facilities around the world. Healthcare data routinely contains personally identifying information, insurance details, social security numbers, billing information and diagnosis codes. Medical identity theft is big business and is difficult for the patient to identify; meaning that unlike credit cards, the fraudsters can continue to profit from the stolen data for several years after the initial hack by obtaining credit cards, loans, committing tax fraud or sending fake bills to insurance providers. Reports this year surfaced of hackers ransoming hospital records for as little as $15,000. The low amounts demanded, and their payment, are driving the increase in the ransomware attacks on small and large healthcare providers. According to industry journal Modern Healthcare, almost one in eight Americans has had their medical records compromised in some way. STASH is a key partner to keep data securely stored and shared. Its unique authentication and encryption processes slash the risk of insider access to key data. Its secure data repositories are not vulnerable to ransomware. STASH has developed trustworthy digital repository technology and processes to ensure the storage and retrieval of viable data over many decades. STASH is an essential partner for the data integrity challenges of the Healthcare sector.

"Many hackers specifically target small dental offices because they believe small businesses don't have the resources for sophisticated security devices and do not enforce employee security policies. Dental practices are becoming targets for cyber criminals more frequently. These offices hold a vast amount of data, including names, health histories, addresses, birthdates, social security numbers, and even banking information of hundreds, if not thousands, of patients. The threat of this information being stolen by a staff member or a cyber criminal is great, and dental practice owners must address this concern before a theft creates a legal nightmare for the practice. "

– Stuart Oberman Cyber Security New Necessity for Dental Practices

"Health care records are so valuable that attacks on health information technology (health IT) systems have increased 125% over the last 5 years. In fact, stolen patient data can be worth up to 50 times more than a Social Security or credit card number due to the numerous types of fraud that can result from information contained in a medical record. Unfortunately, 4 out of 5 health care providers and payer executives say their health IT systems have been compromised by cyber attacks"

– American Medical Association

How to Improve your Cybersecurity Practices

AICPA | NIST | SOC 1 | SOC 2 | SOC 3 | ISO 27001 | Privacy Shield (Safe Harbor) | PCI- DSS | HIPAA

Digital Confetti® • Keys-on-the-Fly® • Data Integrity & Resilience for Decades • Cost Effective

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Clients and Firm governance committees will appreciate the file fixity steps we take to register who has accessed or changed the data. The STASH approach is consistent with both:

•European Framework for Audit and Certification of Digital Repositories

•ISO 16363: a system for the "audit and certification of trustworthy digital repositories"

STASH HIBERNATE® is well designed to meet the growing regulatory requirements of the medical sector.

For instance US-FDA requires medical product companies retain all (100%) of physical/digital data and information of their medical products from discovery, manufacturing and distribution for the life of the product and two years after the last product is distributed. Other nations have similar requirements of the life sciences (medical product) industry that distribute in their country.

HHS-HIPAA is requiring electronic medical records be retained for the life of the patient. This however is becoming very complex because many US states have additional rules. The Colorado State Board of Medical Examiners Policy 40-07 recommends retaining medical records for a minimum of seven years after the last date of treatment for an adult and for seven years after a minor has reached the age of majority, or age 25. The California Medical Association has concluded that, while a retention period of at least 10 years may be sufficient, all medical records should be retained indefinitely or, in the alternative, for 25 years. Other nations have similar laws.

"A recent survey found that the 535 healthcare organizations surveyed averaged almost one cyber attack per month over the past 12 months. Moreover, 48% of the IT and IT security practitioners polled said that their organizations experienced an incident involving the loss or exposure of patient information during this same 12 months. Just one-third said they would rate the cybersecurity at their organization as very effective."

– The State of Cybersecurity in Healthcare Organizations, The Ponemon Institute

Whether you want to keep things to yourself or share with others, STASH delivers DSECaaS™ (data-security-as-a-service) to meet your needs. In a world of Open Networks and Bring Your Own Device, we focus on the crown jewels. On the data. On what really matters to your business.

STASH Data Protection for everyday valuable data and STASH HIBERNATE® for very long term data protection with data integrity for decades are the most impactful encryption and privacy Solutions ever developed to protect the actual data bytes themselves. STASH doesn't analyze, predict, try to defend, or react to data compromise after the fact like 99.99% of all other security options. When data is protected with STASH, it has a statistical probability of nil to breach, manipulation, loss, harm, or ransomware.

Data, network, and infrastructure agnostic, STASH is completely automated and simple to deploy, without changing anything about how you do business. Activated via SAAS, Secure Backup, & API

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