comport
HEALTHCARE SOLUTIONS

6 THINGS

that Can Cause Your Enterprise Backup Solution to Fail and What You Can Do about It

With the transition to a digital first mentality in healthcare, technology and backups have become an important part of patient care.

WHAT CAN CAUSE YOUR BACKUPS TO FAIL?

SECURITY

89%

of healthcare organizations have experienced a data breach involving patient data in the last two years[1]

HUMAN ERROR

24%

of data loss is a result of human error[2]

HARDWARE FAILURE

45%

unplanned system downtime/data loss is from hardware[3]

ONE BACKUP LOCATION

85%

of companies rely strictly on disks to keep their data safe[4]

ACCIDENTAL DELETION

47%

of data loss was caused by accidental deletion[5]

NETWORK FAILURE

$100,000/HOUR

is the average cost of computer network downtime[6]

SECURITY BREACHES IN HEALTHCARE

Healthcare is an ideal target for hackers with ransomware gaining momentum in the industry, especially after discovering that healthcare organizations not only pay up for their data, but are also starting to allocate funds for this!

88% of all ransomware attacks in the US in 2016 were in the healthcare industry[7]

89% of healthcare organizations have experienced a data breach involving patient data in the last two years[8]

$17,000

The ransom that Hollywood Presbyterian Medical Center paid to criminal hackers in the form of 40 bitcoins to get their systems back online[9]

CORRUPT OR MISSING DATA

A corrupt file with missing patient information can lead to incorrect care or even death.

$1,000

The cost to resolve a single duplicate medical record[9]

174 million

people were affected by healthcare data breaches in the first half of 2017[10]

HIPAA FINES

Hospitals must adhere to strict guidelines and breaches have the potential to cost millions.

$1.5 million

The maximum HIPAA penalty per year for each violation

$100 - $50,000

The cost per HIPAA violation or per record

WHAT CAN YOU DO?

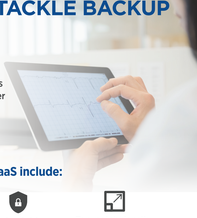
- **Prepare for the possibility of a breach:** Create a backup and disaster recovery plan
- **Conduct regular tests of your backup system:** Follow the 3-2-1 backup rule for security of your data
- **Examine your networking infrastructure:** Make sure you know where the possible security gaps are and work to plug them
- **Have a strong data retention policy:** Protect the data you need to keep for compliance, dispose of what you don't need... the more data you have the more you need to protect.
- **Create a seamless digital workplace:** Make sure your data is encrypted not only at work stations but while professionals are on the move.

One option for onsite backup is all-flash storage from Hewlett Packard Enterprise in the form of the HPE 3PAR StoreServ storage, powered by Intel® Xeon® processors.

THE NEW WAY TO TACKLE BACKUP

65%

of healthcare providers planned to use Backup as a Service for their disaster recovery purposes.[11]



The benefits of BaaS include:

- User simplicity
- Riveting speeds
- Unbeatable security
- Top-notch density and scalability

CONTROL AND CONFIDENCE IN YOUR BACKUPS

As a Hewlett Packard Enterprise Platinum Partner, Comport Healthcare Solutions has the expert knowledge and years of healthcare experience to help you navigate the possibilities and perils of hospital IT and best practices. Healthcare facilities face different challenges than other industries, and we offer services specifically tailored for evolving health information technology requirements.

Contact Comport today to learn more about our backup and disaster recovery solutions.

New York Office
78 Orchard Street
Ramsey, NJ 07446
Phone: (201) 236-0505

New England Office
15 New England Executive Office Park
Burlington, MA 01803
Phone: (781) 270-4784

Mid Atlantic Office
1735 Market Street
Philadelphia, PA 19103
Phone: (267)223-6673

Hewlett Packard Enterprise Platinum Partner

intel XEON inside

Hewlett Packard Enterprise specializations include Platinum: Converged Infrastructure.

The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Intel, the Intel logo, Xeon, and Xeon Inside are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

© 2017 Comport Technology Solutions. All rights reserved.

Follow this with The benefits of BaaS include:" User simplicity" Riveting speeds" Unbeatable security" Top-notch density and scalability
[1]Ponemon Institute, "Sixth Annual Benchmark Study on Privacy and Security of Healthcare Data," May 2016.
[2]KrollOntrack, "Human Error Named As Leading Cause Of UK Data Loss," October 2015.
[3]ARMA International, "Companies Struggling with Data Protection Solutions, Survey Says," July 2016.
[4]Internet & Telephone, "3 Telling Statistics about Different Data Backup Solutions".
[5]Aberdeen Group, "SaaS Data Loss: The Problem You Didn't Know You Had," January 2013.
[6]ITIC, "Cost of Hourly Downtime Soars: 81% of Enterprises Say it Exceeds $300K On Average," August 2016.
[7]NTT Security, "SERT Q2 2016 Threat Report," July 2016.
[8]NBC News, "Big Payday's Force Hospitals to Prepare for Ransomware Attacks," April 2016.
[9]Imprivata, "4 Statistics that Prove There's a Patient Identification Crisis," February 2016.
[10]HHS Office for Civil rights, "Health Information Privacy/Security Alert," August 2017.
[11]HIMSS Media, "HIMSS Analytics 2017 Cloud Survey," July 2017.