SECURELY STORING
HEALTH RECORDS AND SAMPLING DATA

Enterprises can kick the tape to the kerb

THE CHALLENGE

A private pathology provider with hundreds of clinics across different locations generates and stores large volumes of sampling information and health records that must, by law, be securely maintained for at least 10 years. The organisation also needs to be able to seamlessly integrate information from its third-party suppliers, and the data must be protected and securely accessible to authorised users across multiple devices and locations.

This poses several challenges:

- Traditional tape solutions are unreliable, cumbersome, difficult to access and require a large amount of storage space

- The costs associated with the pathology provider's existing tape storage solution are also variable and unpredictable, which has created issues around cost management

- The cost of storing to tape and the logistics of data access are also impacting operational efficiencies

- Considering the value of the data involved, a highly secure storage environment is needed.

THE SOLUTION

The pathology provider chooses a secure, cloud-based Storage-a-a-Service (STaaS) solution that provides high availability and leverages the cloud and Software-as-a-Service (SaaS) to reduce both cost and risk for the pathology provider.

The cloud-agnostic solution provides the assurance of secure access to data when and where the pathology provider needs it, eliminating the need to store and retrieve data from tape. Eliminating cumbersome and unreliable tape storage saves time and associated costs, while letting the organisation digitally transform with confidence.

Hewlett Packard Enterprise
Solution Provider
GOLD PARTNER

STAAS USE CASE

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Due to the personal nature and scale of the data involved, security is paramount. The STaaS solution reduces data management risks by storing health records and sampling data with immutability while also delivering high performance and best-in-class security.

Expenditure is managed through low, fixed and predictable storage costs for multiple devices. And, the solution can be accessed from anywhere in the world by authorised users, delivering operational benefits to pathology providers that may need to get up and running faster after a disaster or support a remote or hybrid workforce.

THE BENEFITS

The blueAPACHE STaaS multi-cloud archiving solution offers pathology providers and healthcare organisations an additional layer of data security that complies with international standard ISO27001.

Pathology providers have the assurance that data is protected in real time across three data centres and information cannot be deleted or changed unless an authorised user is physically at the registered device. However, unlike a tape solution, which requires users to be physically present just to access data, blueAPACHE's STaaS can be accessed from anywhere in the world by authorised users. This provides greater cost and operational efficiencies, as well as higher levels of data security, compared to tape storage.

The core network fabric underpinning the blueAPACHE and HPE STaaS solution is ideal for complex pathology environments because it provides high-speed, secure connectivity to public and private clouds, supports multi-cloud environments, and offers additional connectivity to blueAPACHE's emPOWER Cloud and emPOWER Network, a next-generation solution that delivers a resilient, high-speed and adaptable network to support business agility and scalability. It also has direct gigabit connectivity to onnet DC, which provides a safer, more consistent network experience.

blueAPACHE STaaS delivers immutable storage that maintains data integrity across both structured and unstructured data for many years. Because the solution is cloud-based, it will deliver ongoing cost savings over the long term compared with tape. This solves multiple challenges for the pathology provider and organisations across the broader healthcare community.

blueAPACHE STaaS has its own core network connectivity so there are no egress or ingress charges. This means pricing is fixed and predictable and can be locked in over multi-term contracts, delivering predictability and assurance for customers.

By choosing blueAPACHE STaaS, the pathology provider addresses its key operational challenges, lowers cost and risk, and achieves efficiencies.

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