HEALTHCARE & HYBRID CLOUD: SOLUTION BRIEF:

Secure Delivery of Data & Patient Care with Hybrid Cloud Solutions

"Privacy is not something that I'm merely entitled to, it's an absolute prerequisite." – Marlon

Challenges

- Cybersecurity
- HIPAA compliance
- Patient privacy
- Interoperability of systems, networks, and machines
- Accessibility of patient records
- Monitoring systems and medical devices
- Lack of skilled IT employees

Solutions

- Hybrid Cloud portfolio encompassing multiple technical disciplines
- Role-based data and workflow access to limit exposure
- Integrated, responsive cybersecurity
- HIPAA security assessments
- Data backup and recovery
- Remote workstations

Benefits

- Deliver healthcare securely, with patient care top of mind
- Build trust and patient confidence
- HIPAA compliance
- Enhance patient experience
- Reduce patient frustration
- Gain visibility into your network and systems

Constant turmoil within the healthcare industry gives cyber criminals ample opportunities to attack. Healthcare organizations must respond to ongoing challenges posed by customers, private insurance groups, employees, shareholders, and government compliance requirements—all while maintaining tight privacy standards. A well-managed relationship between IT infrastructure and healthcare services is critical for cybersecurity protection, reliability, and operational scalability.

Challenges

Many Healthcare facilities lack the in-house IT expertise required to solve configuration puzzles between systems, networks. medical devices and collaboration tools. When IT teams are in reactive mode, trying to keep disparate systems running, their firefighting efforts leave no time for the proactive implementation of new tools and processes to improve efficiency. Downtime associated with upgrades, patching, and maintenance have tremendous impact on patient care when deployed improperly. Plans for cloud migration often stall due to difficulties in asset identification, policy controls, security concerns, and the complexity of privacy standards.

The ability to collect, analyze, store, and share data securely across hospitals, labs and physicians is of primary importance for quality patient care. Data powers the business, but a data breach resulting in the loss of confidential information exposes more than personal health information (PHI); it opens the door for continued attacks, hefty HIPAA fines, and an erosion in patient confidence. Even a single cybersecurity event could result in lawsuits and financial losses that insurance policies do not cover. The long-term consequences are even worse if data backups and disaster recovery systems are not viable.

Solutions

Hybrid Cloud offers optimal flexibility to remain competitive in the industry. The key value of cloud adoption is to bridge the gap between disparate data sources and devices for greater speed, scalability, access to clinical data and workflows. Additionally, cloud adoption allows a healthcare organization to gain control of critical systems, networks, and data to achieve exceptional patient care.

Data Integrity is a central component of healthcare operations. Regularly testing the security controls (access to data, breach detection, response to incidents, and monitoring the systems, networks, and environments) and having a redundancy in place will define cybersecurity risk and HIPAA compliance. Some Healthcare IT teams are so overwhelmed that they fail to properly respond even after security risks are identified.

Benefits

Many healthcare organizations are turning to Managed Service Providers for IT advice, expertise, and ultimately, to engage a high-trust partner to share the burden of responsible data ownership. TBC's IT experts manage the technical intricacies of healthcare facilities and patient data with the rigorous standards required for compliance. TBC's disciplined approach to the management of data, networks, systems access, maintenance, and cybersecurity will stabilize your IT environment so you can focus on patient outcomes.