

Transforming the Cost, Quality, and Delivery of Patient Care: Key Trends Driving Healthcare IT Modernization in 2018

1 IT as an Agent of Change

The top desired healthcare IT business outcomes in 2018¹ are to:

1. Consolidate, standardize, and streamline operations
2. Reduce enterprise costs
3. Implement new and improved technology



The top IT maturity gaps¹:

1. Business continuity/disaster recovery (BC/DR)/ site recovery for virtual machine (VM) systems
2. Configuration management
3. Compute resources



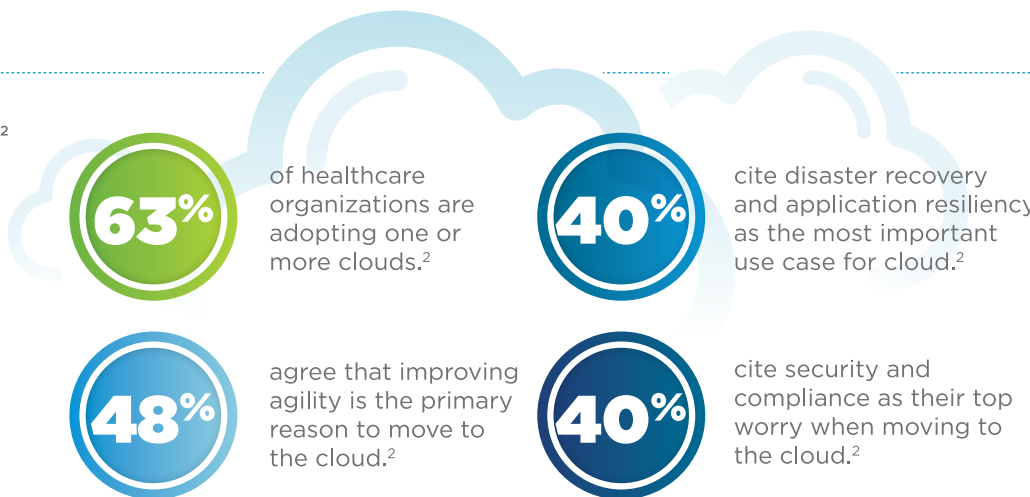
2 The Rise of Multicloud

There are 4 key requirements for a successful hybrid cloud deployment:²

1. Security and compliance
2. Choice
3. Financial transparency
4. People and processes

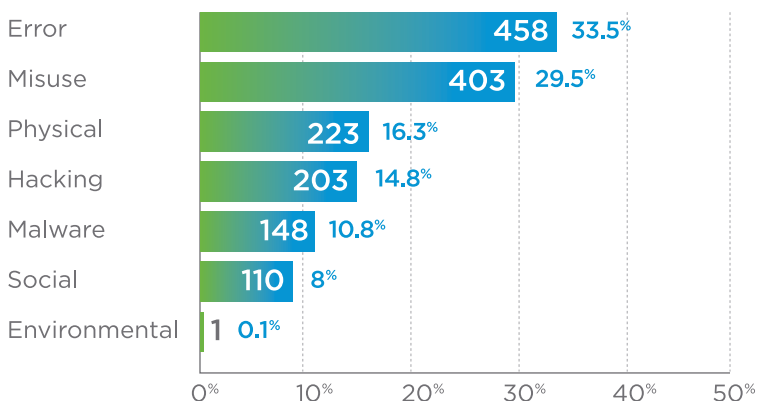
The top challenges of moving to a multicloud environment are:³

1. Integrating legacy systems
2. Understanding new technology
3. Changing policies



3 Healthcare Is Under Attack from All Angles

Healthcare breaches come from a broad range of causes⁴:



Threats can come from inside and outside of the organization:



Ransomware accounts for 70% of the malware seen.

A multilayered approach to security combined with a mobile device approach to eliminate paperwork can contribute to a reduced attack surface and fewer data breaches.

¹Source: VMware TAM CLEAR Report, December 2017.

²Source: VMware data compilation from CHIME Focus Group #1, CHIME Focus Group #2, CHIME Online Survey, and Becker's Focus Group. May 2017.

³Source: After Deployment Storms, Skies Turn Sunny for Multi-Cloud Environments, MIT technology Review Custom, 2017.

⁴Source: Verizon Protected Health Information Data Breach Report.