Example Use Cases

Compliance: There are required security and regulation standards which must be adhered to when handling sensitive information. Healthcare groups and their partners comply with HIPAA, which protects patient data in cloud environments. Online stores and e-commerce platforms follow a security standard called PCI-DSS, aimed at protecting credit card information and customer data. PHC environments can be built specifically to various compliance demands.

Performance: For large workloads and many machines, this solution offers both privacy and performance. PHC environments can scale to real-time needs, and modifications can be made after initial set-up. The ability to start small and gradually build up with changing business needs is an attractive and unique feature of IaaS.

Security: Although compliance measures protect user information for public-facing companies, some clients have special privacy concerns for unique situations. For example, an organization may require sensitive data to be isolated from the larger infrastructure. Virtualized IT grants the ability to easily create and modify partitioned cloud instances.