

HCLTech | intel.

Cloud native virtualization:

Powered by HCLTech,
Intel and Red Hat®

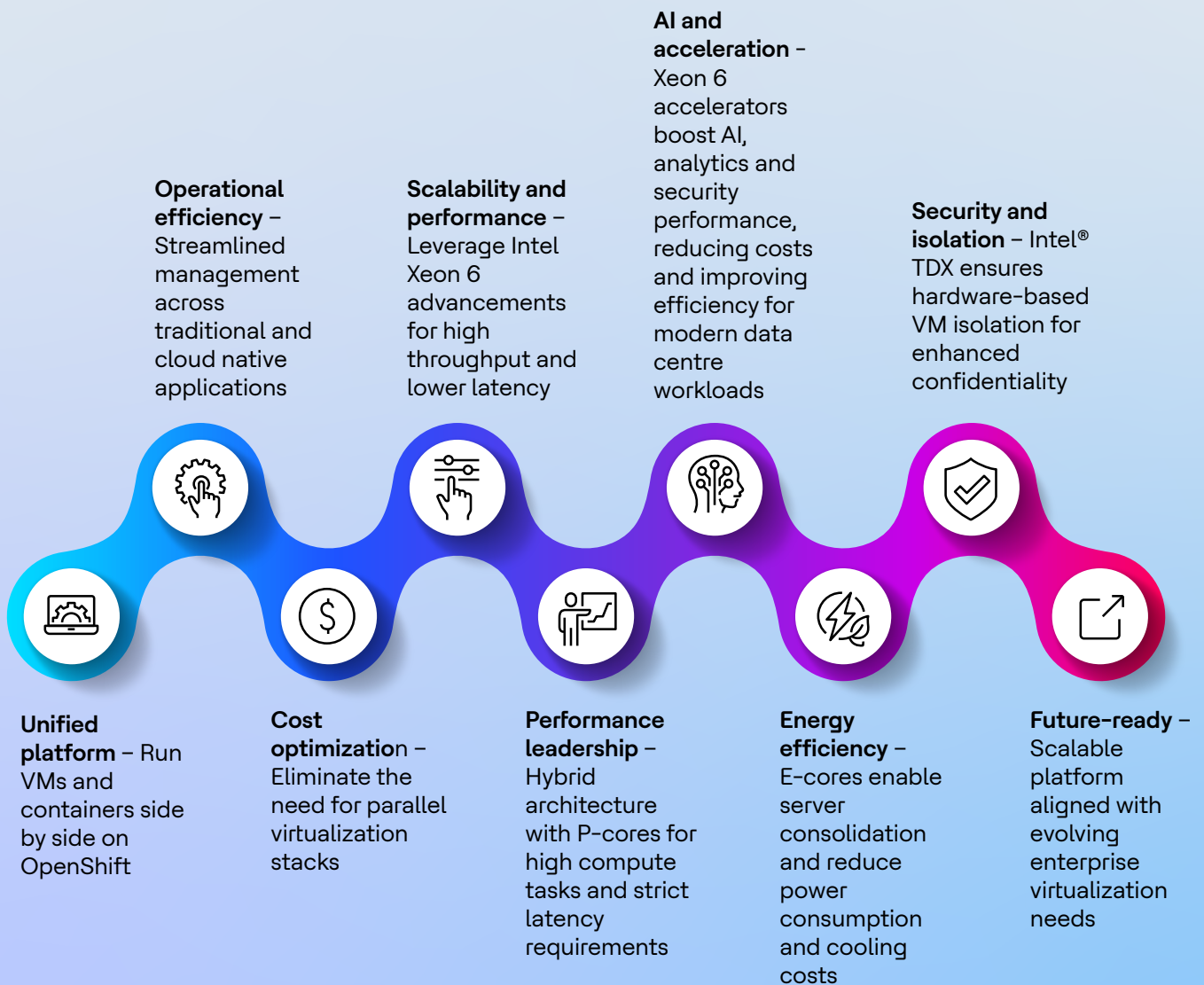
Overview

Red Hat® OpenShift's Cloud Native Virtualization (CNV) enables organizations to run container native and traditional VM workloads on a unified platform, streamlining operations and improving agility. This convergence helps reduce infrastructure complexity and operational costs while supporting modern application demands.

Complementing this, Intel® Xeon® 6 processors provide the foundational performance and efficiency needed for demanding virtualization environments. With built-in acceleration and Intel® Virtualization Technology (VT)—including VT-x and VT-d—these processors help minimize performance overhead and enhance workload density. Intel's deep collaboration with ecosystem partners like Red Hat® ensures its hardware is optimized for enterprise-grade virtualization, enabling secure, scalable and efficient infrastructure modernization.

Together, Red Hat® and Intel offer a robust, future-ready virtualization stack that empowers enterprises to consolidate resources, enhance security and accelerate innovation.

Solution highlights



Key benefits



Faster innovation – Modernize apps without re-platforming



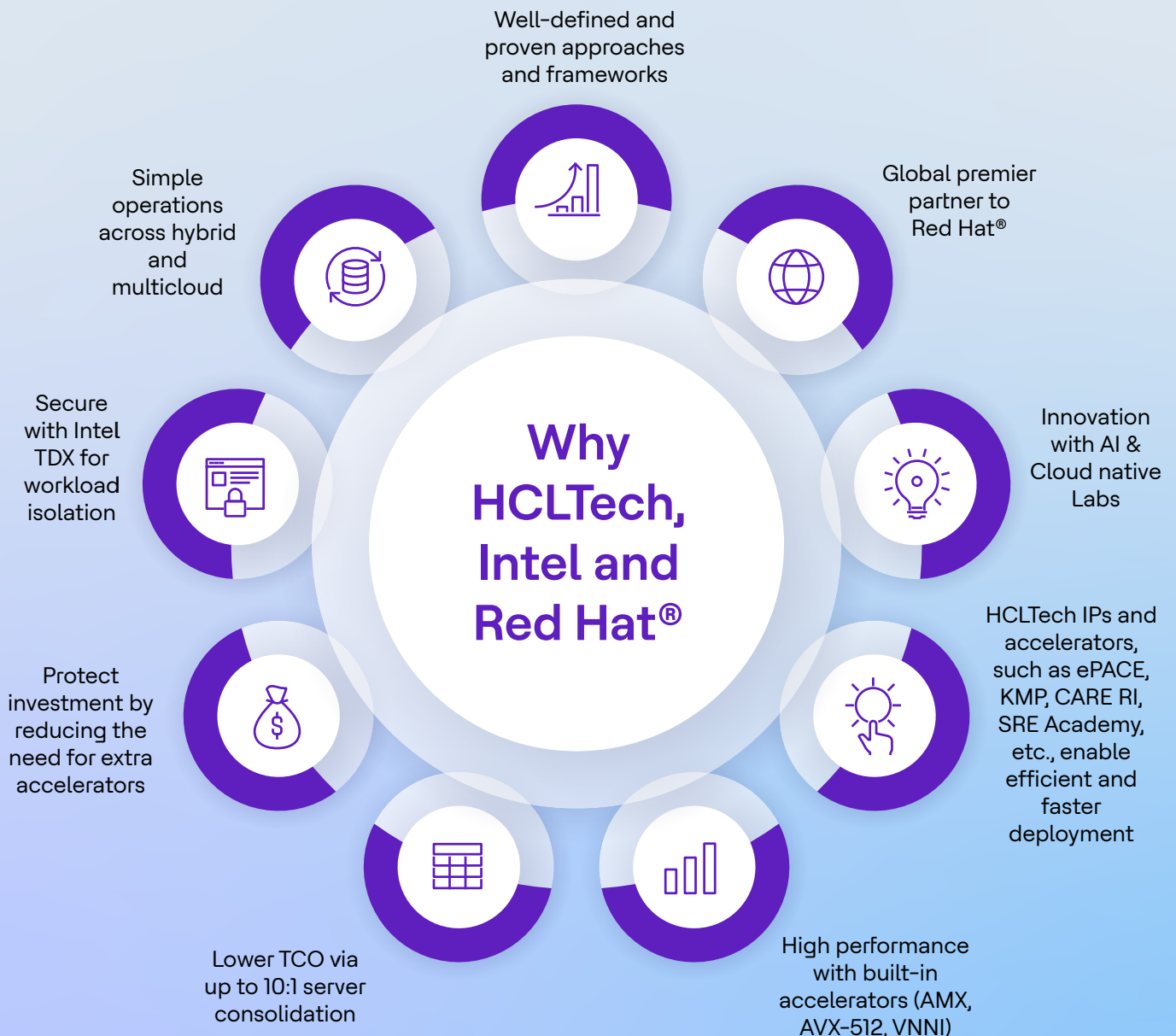
Optimized resource utilization – Consolidate VM and container environments



Stronger security and compliance – Leverage built-in OpenShift governance and Intel® Trust Domain Extensions (Intel® TDX) technology for virtual machine isolation



Sustainable efficiency – Xeon 6 performance-per-watt reduces energy costs, 84% increase in performance and 36% average increase of perf/watt



HCLTech | Supercharging
Progress™

hcltech.com