

# Next-Gen Infrastructure for Next-Gen Apps? Make it so.

Are you ready to reach the next frontier, where a software-defined approach to business accelerates your digital transformation? Want to intelligently manage your virtualization journey to achieve the performance, availability, and efficiency needed to propel your business forward? Need to build and manage a platform incorporating private, public, and hybrid clouds to live long and prosper?

Follow these **5 steps** to ensure your journey to next generation applications is a success:

## 1 Set a Course for Out of This World Success

Soar to new heights with a next-generation infrastructure that empowers you to virtualize and run any application with confidence, whether scale-up or scale-out.



Cloud



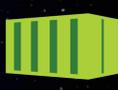
Big Data



Mobile



Business-Critical



Containers



Social

## 2 Take Your Business to Warp Speed

Reach for the stars faster than ever with a highly scalable and performant, on-demand infrastructure as the foundation for next-generation applications.



**Start with a highly responsive interface** with the streamlined HTML5-based client



**Rapidly provision and deploy workloads** in your virtual environment



**Prioritize resources** and automatically shift resources to your high-priority applications



**Proactively load balance workloads** with predictive analytics, in advance of demand spikes, ensuring application performance



**Intelligently place and rebalance workloads** eliminating resource contention and enabling application performance



**Scale-up and scale-out workloads** and clone VMs up to 10 times faster

## 3 Evasive Maneuvers in the Asteroid Fields

Avoid the hazards that slow you down, drain your resources, and cause you downtime.

**Quickly recover** from OS or server failure with native, high availability

**Remain productive** by live migrating workloads away from systems with upcoming planned downtimes

**Protect against data loss** with built-in backup and restore capabilities

**Provide continuous availability and failover protection** by running your VMs in virtual lock-step

**Proactively enable high availability** by using server health indicators to move workloads before trouble occurs

## 4 Take Control of Your Ship from the Bridge

Increase visibility and control with the ability to intelligently manage your virtualized environment for optimal performance.

**Get smart alerts** on emerging issues, based on aggregated and auto-correlated monitoring data, with fast, meaningful insights

**Automated remediation** and troubleshooting guidance provide actionable explanations and recommend automated corrective actions before workloads get impacted

**Storage analytics and visibility** to identify configuration errors, resource starvation, and performance issues

**Automated capacity optimization and planning** to increase resource utilization and easily plan for future needs

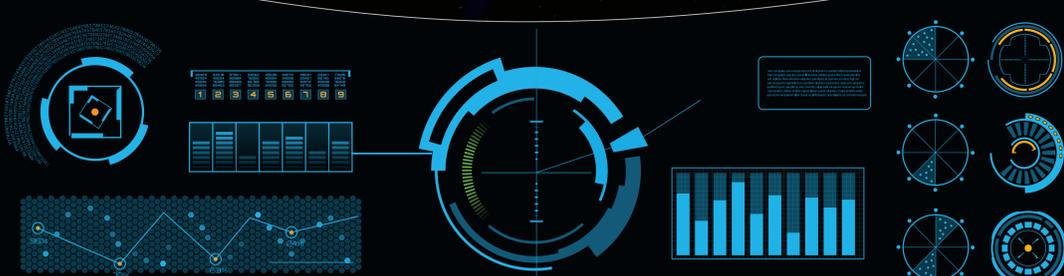
**Predictive analytics with 360-degree visibility** including intelligent summaries from over 600 vSphere performance indicators

**Workload utilization dashboard** enables easy visualization of resource utilization across hosts, clusters, vCenters, and data centers

**Address network traffic convergence and management** by flexibly partitioning physical network bandwidth among traffic flows

**OOTB actions, policies, and workflows** provide flexibility to automate a breadth of manual tasks across the datacenter

**Enable a fundamentally more efficient operational model for storage** in virtualized environments, by making external storage VM-aware



## 5 Defend Against Invaders and Threats

Shield your business-critical apps from increased security threats with comprehensive built-in security that goes the distance.

**Protect data, infrastructure, and access** at scale with a simple, policy-driven approach

**Ensure data protection at rest and in-motion** with VM-level encryption

**Prevent tampering of the hypervisor and the guest operating system** with a secure boot model

**Discover forensic information about user actions** with audit-quality logging capabilities

**Enable security standards and best practices** with enforced vSphere security hardening guidelines

There's only one solution that provides a powerful, flexible, and secure launch pad for business agility: vSphere with Operations Management.

Virtualize any app, anywhere with confidence. Comprehensively secure data, infrastructure, and access. Automate and intelligently manage at scale with a simplified user experience.

**vSphere with Operations Management:**  
Get next-gen infrastructure for next-gen apps  
Learn more at [vmware.com/products/vsphere](http://vmware.com/products/vsphere)