Accelerate Your Journey to the Cloud
with Presidio, VMware & Intel®

SOLUTION HIGHLIGHTS

- Leverage on-premises investments and public cloud efficiencies with a hybrid cloud solution
- Enable governance, security, policies and a consistent operational model while taking advantage of cloud-scale and agility
- Simplify operations and reduce costs by managing on- and off-premises data using the same tools
- Take advantage of on-demand capacity and flexible consumption
- Accelerate migration with familiar tools and focus up the stack on the application, not the infrastructure
- Move workloads closer to native cloud services to drive innovation (databases, analytics, IoT, AI/ML, security and mobile)
- Enable rapid scale out of resources for seasonal demand or for recovering services in the cloud
- Allows you to place workloads where they provide the most benefit, and to change locations as needed over time
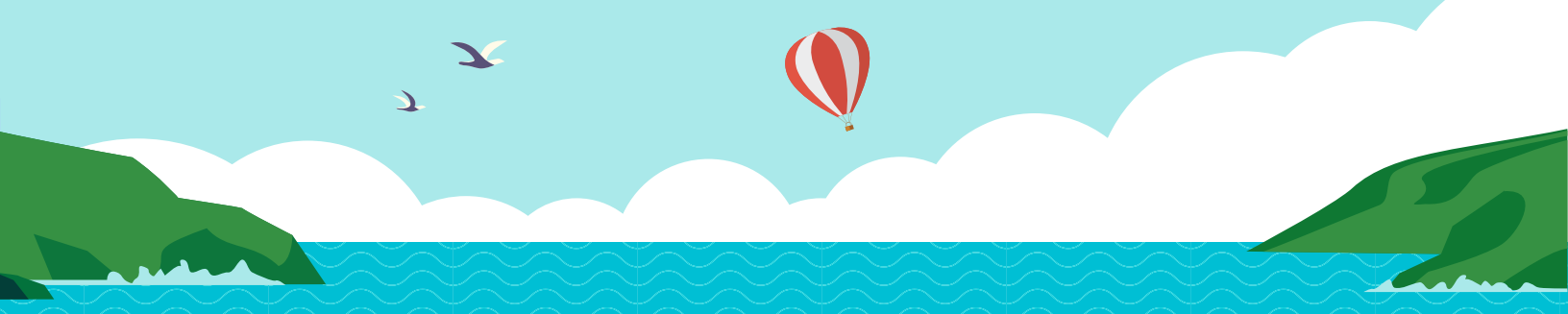
The Challenge

IT leaders are under increasing pressure to transform from cost centers into strategic service providers and business enablers for their organizations. This transformation is driven in part by companies' use of cloud technology to overturn traditional IT business models and run more agile, flexible and nimble operations.

With hybrid cloud capabilities, forward looking IT organizations can scale efficiently and provision resources based on changing application demands – allowing their organizations to introduce new products and services at a speed and scale previously thought to be impossible.

Presidio Cloud Solutions
in Partnership with VMware and Intel

At Presidio, we help our clients accelerate and simplify cloud adoption across the entire IT lifecycle. Through our advanced cloud solutions practice, combined with Presidio's IT infrastructure expertise, we provide seamless private and hybrid cloud solutions that leverage your existing investments and resources. Our experienced cloud team performs an expert assessment of your infrastructure, processes and organizational goals, and then works together with in-house specialists in collaboration, automation, data center operations and software (including software-defined networking) to deliver multi-faceted, hybrid cloud solutions.

And by closely aligning our services and solutions with strategic partners VMware™ and Intel®, we offer cloud strategy, architecture and implementation of best-in-class solutions along with application rationalization and migration across the hybrid cloud data center environment. Together, we deliver custom cloud solutions that simplify and optimize your IT environment(s) today, while enabling the future applications, user experiences, and revenue models you need to grow your business tomorrow.

Presidio & VMware's Strategic Consulting Approach

Presidio and VMware work together to assist our customers with a business-oriented approach to evaluating core services and developing a comprehensive strategy to leverage the appropriate technologies and deliver those services. Our engagement goes beyond tactical recommendations to focus on strategic and operational impacts, including application analysis, operational modernization and hybrid cloud readiness.

VMWARE CLOUD CONNECTIVITY AND READINESS ASSESSMENT

A detailed assessment of on-premises VMware environment, as well as intended VMware Cloud on AWS environment, to determine gaps and provide recommendations to remediate those prior to deploying VMware Cloud on AWS in production.

VMC JUMPSTART

Assistance with VMware Cloud on AWS through a VMware Cloud on AWS Connectivity and Readiness Assessment, coupled with a pilot deployment of VMware Cloud on AWS.

VMC DESIGN/DEPLOY/MIGRATE

Development of a comprehensive hybrid cloud strategy using VMware Cloud on AWS within the cloud infrastructure, and deployment of the environment with migrations to properly align workloads with the hybrid cloud strategy.

NSX DESIGN/DEPLOY

Development of a detailed network and security strategy for the integration and deployment of VMware NSX within your environment.

VSPHERE UPGRADE

Upgrade on-premises vSphere and vCenter environments to enable additional hybrid connectivity and functionality.

HEALTH CHECK

A review of the existing VMware environment to ensure that best practices are being followed and that all services are properly configured.

VMWARE DIGITAL WORKSPACES DESIGN/DEPLOY

Develop and implement strategic designs to enable customers to leverage VMware Cloud on AWS for digital workspace solution deployment.

PRESIDIO PUBLIC CLOUD, AUTOMATION AND DEVOPS TEAM

The Presidio Cloud Team tailors and integrates cloud solutions, cloud technology and cloud-based applications for our customers. They focus on mass migrations, mission-critical applications, cloud native agile applications, automation, DevOps modernization, cloud infrastructure optimization and cost containment.

The Hybrid Cloud Platfom Powered by Intel® Technologies

BUILD YOUR EFFECTIVE HYBRID CLOUD PLATFORM WITH INTEL® TECHNOLOGIES

More and more, Presidio's customers are seeking flexible, high-performance solutions able to run traditional data analytics and AI applications on-premises or in the cloud. The VMware hybrid cloud platform is able to accomplish this because it combines the best of Intel hardware—including Intel™ 2nd Generation Intel® Xeon® Scalable Processors and Intel® Optane™ persistent memory—and VMware software such as VMware vSphere, VMware vSAN, and VMware Horizon VDI software. With this end-to-end solution, enterprises can run both their data intensive analytics workloads and the AI and machine-learning workloads of the future.

INTEL® HARDWARE OVERVIEW

2nd Generation Intel® Xeon® Scalable Processors

Today's modern enterprises are processing ever-increasing amounts of data. They need the compute power that can meet the data-centric demands of analytics, AI, and in-memory database workloads. 2nd Generation Intel Xeon Scalable processors are workload optimized for exactly these types of applications. What's more, these processors support Intel Optane PMem, which enables affordable system memory expansion.
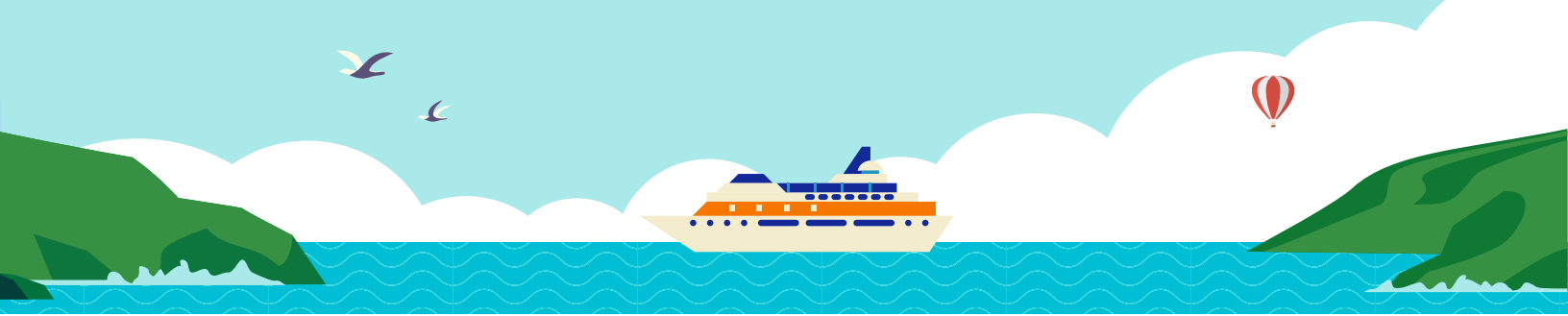
Intel Optane Persistent Memory

Intel Optane PMem represents a new class of memory and storage technology. It is designed to improve the overall performance of the server by providing large amounts of persistent storage with low-latency access.

Intel® SSD Data Center Family: Intel Optane SSDs and Intel® 3D NAND SSDs

To obtain the best performance from VMware vSAN, it is recommended to use high-performance Intel Optane SSDs for the cache layer, while the capacity layer can use large-capacity NVMe-based 3D NAND SSDs. This enables faster caching which means enterprises can affordably and efficiently process bigger datasets to uncover important business insights.

Intel® Ethernet Connections and Adapters

To accelerate the performance of the VMware hybrid cloud platform, we recommend using Intel® Ethernet 700 Series network adapters. These Intel Ethernet products deliver validated performance that can meet enterprise-level requirements for data resiliency, service reliability, and ease-of-provisioning.
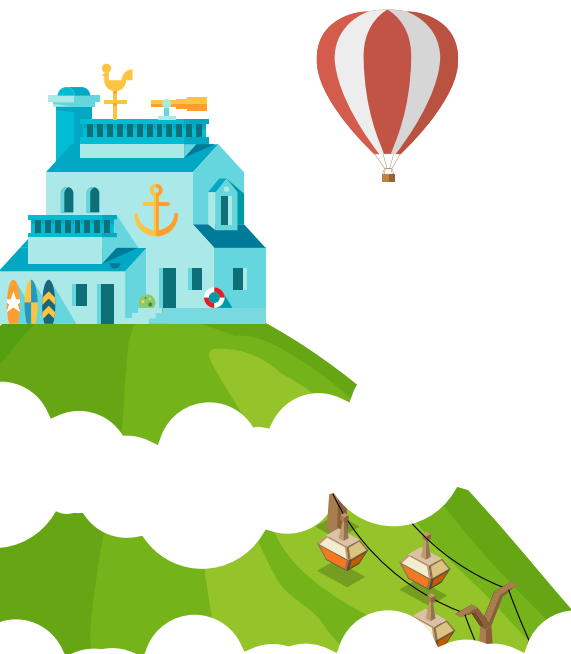
LEARN MORE

Visit **presidio.com/bigcloud** or contact your local Presidio sales representative to learn more.

The Best-of-Breed Hybrid Cloud Solution by Presidio, VMware & Intel

Presidio, VMware and Intel collaborate to accelerate our shared customers' digital transformation journeys.

By leveraging our integrated technologies, services, and engineering teams, we design and implement the secure, hybrid cloud-based solutions organizations need to realize their full potential. Whether it's Presidio's strategic IT and lifecycle services; VMware's innovative technology platforms that deliver consistent infrastructure and operations across data centers and public clouds optimized on Intel data-centric technologies for compute, storage, and network; or some combination of all of three, we can customize a solution for you.

Working together, we help our customers realize better business outcomes in a dynamic and competitive marketplace.

PRESIDIO, INC. | New York, NY USA | 212.652.5700 | presidio.com

PRESIDIO | vmware

IN PARTNERHSIP WITH intel