

Deploy Private Clouds With Confidence

Today's digital economy has increased the speed with which business is done. Companies need to be more agile in responding to market changes. Traditional IT environments with legacy systems are not architected to enable businesses to move with agility. Infrastructure resources, such as compute, storage, and network are often inflexible in terms of how workloads are provisioned. Provisioning resources to support new projects can be painful due to the many manual steps required and complexity of using multiple tools.

To prepare themselves for this digital transformation, many companies are considering moving some of their applications to the public cloud to take advantage of cost economics while getting the performance they need. In fact, 78 percent of organizations think cloud workload placements increase responsiveness to shifting business needs.¹ However, two big concerns usually make this decision more challenging: ownership of the data and security.

Organizations need to be able to develop, deploy, and manage business apps and services across a variety of clouds in a way that balances agility, scalability, and security.

Enter Hybrid IT — Architecture that Offers the Best of Both Worlds

IT can leverage the security and “ownership” of on-premises resources while delivering cloudlike agility and performance. A successful hybrid IT strategy accelerates the delivery of cloud applications and services by providing the business with direct and rapid access to the right IT resources, with the right economics, matched with the right deployment venue for a given workload. Hybrid IT solutions from Hewlett Packard Enterprise and IIS help you find the right mix of hybrid IT, enabling your organization to deliver applications and services quickly to the business and remain in control, while optimizing cost savings.

HPE Synergy, powered by Intel® Xeon® processors, is an ideal platform from which to deploy private cloud-based applications. Some of the main benefits of cloud-based computing include increased application performance as well as the ability to provision resources quickly to support rapidly changing business conditions. You need

an infrastructure platform that aligns uniquely with the benefits of cloud computing. What good does it do if you must spend hours or days provisioning and reprovisioning compute, storage, and networking resources to support a cloud environment?

Composable Infrastructure: Ideal for Hybrid IT and Private Cloud Deployments

HPE Synergy, strengthened by Intel®, greatly simplifies the deployment and management of changing workloads with its composable approach to infrastructure. Administrators can spin up a workload with proper compute, storage, and networking capacity in minutes through a single command on the management console.

Not only can you provision, unprovision, and reprovision resources quickly, you can also execute data protection policies in the same manner. From a technical perspective, composable infrastructures feature:

- Fluid physical and virtual resources pools that seamlessly support all apps from a single, integrated infrastructure.
- An API-driven management solution that can provision infrastructure with a single line of code; bringing powerful “Infrastructure-as-a-Service” (IaaS) capabilities to private data centers.
- Software-defined intelligence that gives IT generalists a template-based approach for rapidly provisioning, updating, and scaling applications.

Hybrid IT Answers Critical Business Challenges

Using composability, a key functionality of HPE Synergy, strengthened by Intel®, provides a powerful engine that transforms private IT to work at cloudlike speeds, no matter what your mix of traditional and next-gen workloads might be. It provides significant advantages, including:

Extreme Agility

By compressing deployment cycles from months to minutes, IT can now respond immediately to new business unit requests, market opportunities, and department expansions.

Tighter Provisioning

When resources are returned automatically to the pool when released, companies can optimize and prioritize resource allocation to boost performance without cost overruns.

Increased ROI

By supporting all apps from a single infrastructure, companies can streamline administration, cut costs, and better protect digital assets.

As the next era of computing features IoT (Internet of Things), Big Data (Analytics), and cloud computing as the core building blocks, the concept of immutable

infrastructure is gaining popularity. In the world of immutable infrastructure, we are working with the concept of resource images. When a resource needs to be changed or redeployed, the resource image is simply replaced with a new updated one.

The composable infrastructure approach of HPE Synergy, powered by Intel® Xeon® processors, makes it an ideal platform for immutable infrastructure based on the concept of software defined resources (Infrastructure as Code) through a single API.

Why IIS?

IIS is one of the largest resellers of Hewlett Packard Enterprise solutions — recognized for our ability to architect, integrate, and deploy complex IT solutions. Our technical experts have the highest certification levels in the business. Rely on us to architect and deploy a custom solution that addresses your unique technical and business challenges.

Future proof your IT investments with composable infrastructure. Contact us today at 877-704-4001 to learn more about the benefits of deploying private cloud solutions with HPE Synergy, strengthened by Intel®.

Contact us at (877) 704-4001 to learn more about the benefits of deploying private cloud solutions with HPE Synergy, strengthened by Intel®.

137 Commercial Street, Suite 100
Plainview, NY 11803
iistech.com | info@iisl.com

Hewlett Packard Enterprise specializations include Platinum: Converged Infrastructure; Gold: Cloud Builder.

The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein. Intel, the Intel logo, Xeon, and Xeon Inside are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

Intel Inside®. Powerful Productivity Outside.

Intel, the Intel logo, Xeon, and Xeon Inside are trademarks or registered trademarks of Intel Corporation in the U.S. and/or other countries. © 2017 International Integrated Solutions, Ltd. All Rights Reserved.

