Hewlett Packard Enterprise

Solution brief

Choose the right blend of cloud technologies

HPE ProLiant Easy Connect Managed Hybrid Servers

Enterprise-grade hybrid IT-as-a-Service scales to support thousands of remote sites, securely and cost-effectively

Cloud managed solutions address use cases for remote office/branch office (ROBO) IT:

- Core IT server functions, including user authentication, file storage, printer sharing, and network security
- Support for Payment Card Industry Data Security Standard (PCI DSS) with enterprise-grade virtual LAN (VLAN), security, and access control
- Server and application consolidation
- Data distribution or local caching
- Choice of CPU, memory, and disk array configurations on HPE ProLiant Easy Connect Managed Hybrid Servers for flexible compute, storage, and network function resource allocation

Moving ROBO IT to the cloud

Companies operating in the financial services, retail, hospitality, and healthcare industries all face a similar challenge—providing enterprise-grade IT to remote offices and branch offices (ROBO) with the same levels of performance, security, and service that the head offices enjoy. Many obstacles stand in the way of achieving that goal:

- Too much physical infrastructure
- Inconsistent systems
- Lack of local IT skills
- Poor service levels
- Spiraling remote site support costs
- Increased demand for advanced local applications

If the time is right for your organization to move past these obstacles and deliver a standardized technology platform across all remote sites and branches the HPE ProLiant Easy Connect Managed Hybrid Servers allow you to cloud manage all your sites from one location. So you get back control.

Sized "just right"

Offering simple, scalable hybrid IT backed by a managed services model, the Hewlett Packard Enterprise and Zynstra solution significantly reduces the cost of remote office/branch IT while improving efficiency and ensuring that your IT is fully secure and maintained, regardless of the number of sites you manage.

These right-sized and tightly integrated compute, storage, networking, and virtualization appliances are deployed onsite at each remote office and branch office. They are integrated with cloud services and managed remotely from the cloud. This way, the systems can provide an efficient, flexible, secure, and consistent hybrid IT solution for each remote office and branch office.

Fast and easy setup and deployment

HPE ProLiant Easy Connect Managed Hybrid Servers are staged during manufacturing, according to your specific configuration requirements. This way, setting up a new appliance is a simple process, requiring only the physical installation and the migration of users, data, and local applications.

[1] Based on a TCO testing methodology by Zynstra

Our solution partners

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Providing the advanced features you need

Consistent IT
Offering the unique Keep Current service, your onsite IT remains consistent for years after installation. You benefit from a solution designed to scale with your organization, coupled with automated updates and no large upfront capital investment. You receive new appliances when the old ones reach end of life.

Proven virtualization platform
You can configure your appliances with a wide range of CPU, RAM, and storage volumes.

Each appliance will allocate resources depending on its specific role and workload.

Secure IT
Offering enterprise-grade security features, including sophisticated security and event management, intrusion detection, and anti-virus processes.

Business continuity
HPE ProLiant hardware benefits from resilient disk arrays backed by a care pack for Next Business Day repair. Cloud backup, disaster recovery, and dual-server high-availability options are also available.

Enhanced network performance
For ROBO sites with limited WAN bandwidth, Hewlett Packard Enterprise provides advanced techniques to minimize the impact of poor service quality. For example:

- You can manage your appliances remotely with limited bandwidth connections, and use dial-up connections in emergency situations.
- The appliance's backup procedure is designed to use all available bandwidth at a low priority, with no impact on the business use of the WAN.

Maintenance-free IT
Self-monitoring appliances run hundreds of tests per hour. The appliances are also self-healing, with the ability to reboot components when necessary.

Patch and feature updates are rolled out using unique procedures that test, stage, and incrementally deploy updates across multiple sites.

Pay as you grow
The flexible pay-per-month operating expenditure (OPEX) model eliminates large and potentially prohibitive capital expenditures (CAPEX), and improves your total cost of ownership (TCO).

Proven cloud management
Zynstra's Cloud Management Platform provides a comprehensive remote monitoring and management solution that allows you to monitor hundreds of appliances from a single seat. The results of 200 automated tests completed every few minutes on every appliance are collated and presented via a service monitoring dashboard—enabling administrators to drill down to the status of individual IT services.

Infrastructure platform of choice

Part of the HPE Just Right IT portfolio, the HPE ProLiant Easy Connect Managed Hybrid servers are unlike anything you've ever seen. The flexibility of the solution reduces your hardware footprint and the complexity of on-premises IT.

The pre-staged hardware, software, and services can help you achieve TCO savings of up to 60 percent, as compared to a traditional IT server infrastructure.[1]

Learn more at
hpe.com/servers/ec200a

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