

HPE Flexible Capacity: The Path to Hybrid IT



GAIN A PUBLIC-CLOUD EXPERIENCE
WITH THE BENEFITS OF ON-PREMISE IT

Get started >

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The Case for Hybrid IT

Today, IT leaders wrestle with a constant mismatch between IT capacity and capital expenditures.

In simple terms, the capacity you need and the capacity you have are never quite in synch. You either have too little capacity, which threatens your ability to respond to new business opportunities, or too much capacity, which ties up valuable capital in underutilized assets.

The business needs an agile IT foundation that can scale up quickly to accommodate growth and power new initiatives. However, IT struggles to keep pace due to a lengthy procurement process.

To gain greater IT agility in an affordable manner, many are moving targeted workloads to the public cloud, extending their IT capacity via quickly-procured services. The cloud can offer the benefits of on-demand, pay-as-you-go IT capacity to help your organization respond quickly to business needs while avoiding capital outlays and costly overprovisioning.





The cloud does have its downsides, including concerns about privacy, compliance, security, latency, localization, and control. While some workloads might be right for the public cloud, others may be best kept in-house, under the control of your IT organization. That means choosing between the public cloud or on-premise IT and the internal resources usually required to maintain and manage on-premise IT infrastructure.

Consider a new approach to IT that brings the benefits of cloud to on-premise IT infrastructure, one that lets you get the best of both worlds in the form of hybrid IT.



Hewlett Packard Enterprise Flexible Capacity: A Hybrid IT Solution

On-premise IT with Public-Cloud Agility

HPE Flexible Capacity, a pay-per-use on-premise IT infrastructure solution, enables the agility and economics of a public-cloud experience with the control and performance benefits of on-premise IT. You can set up IT capacity, pay monthly based on what you use,¹ and easily scale up or down without a capital outlay or a lengthy IT procurement process.

HPE Flexible Capacity also offers the option to incorporate selected Microsoft Azure services into your IT mix. This gives you fast access to public-cloud resources, as well as conventional on-premise IT infrastructure. As your needs change, so can your mix of resources, so you always maintain the right balance.

IT managers are looking to data center service providers for assistance in improving overall data center performance as well as the organization's approach to IT consumption. IDC believes that "on-premise as a service" is a great fit to help resolve those issues. Such an approach brings cloudlike agility and simplicity into the data center and can radically simplify how it operates. This will position IT to better transform itself to address digital business direction.²

Read the report



Compelling Business Benefits

With HPE Flexible Capacity, you're always prepared for changes in demand, whether it's a seasonal spike in traffic to your website or a new business application that grows quickly. As with the cloud, the Flexible Capacity model allows you to provision capacity in a matter of minutes from the ready-to-use buffer in your data center infrastructure. It's like a public-cloud experience for on-premise IT—no months-long procurement cycle and no upfront capital costs.

¹ Above the minimum capacity commitment

² IDC Technology Spotlight, "As-a-Service" IT Consumption Model for Digital Business Innovation. September 2016.



Better still, with HPE Flexible Capacity you no longer need to oversize your environment to be sure you can meet peak demands. Instead, you pay only for the capacity that you use.³ You get a variable payment model, enabling you to align your cash flows to the needs of the business.

IT Transformation

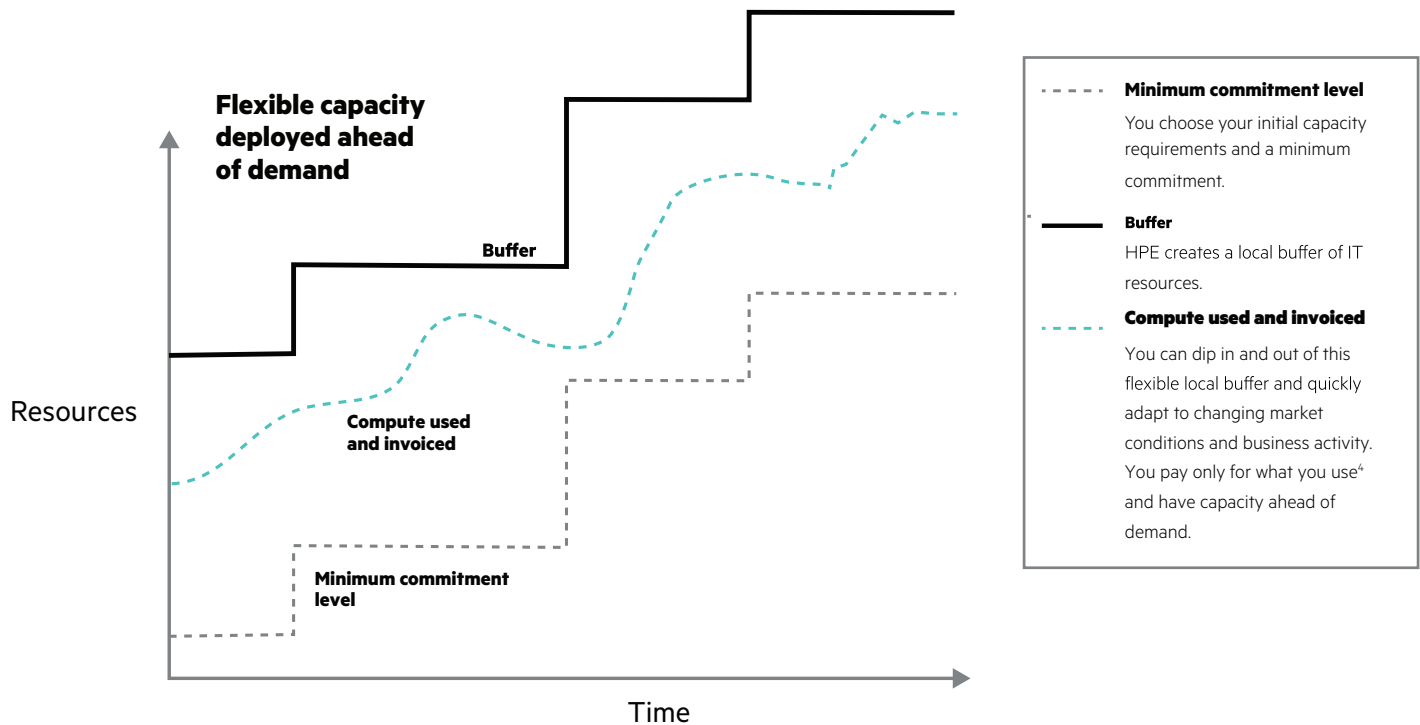
Ultimately, a Flexible Capacity solution can transform the role of your IT organization. You can become a broker of IT services to your business, spending more time on innovation and less time on designing, procuring, and maintaining IT infrastructure.

³Above the minimum capacity commitment

HPE Flexible Capacity: How It Works

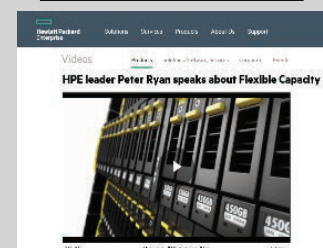
When you choose HPE Flexible Capacity, you get pay-per-use capability and on-premise scalability along with full HPE Data Center Care service and support.

How Flexible Capacity Works



Take a closer look at how HPE Flexible Capacity can help you scale instantly to handle growth without the usual long procurement process.

Watch the video



⁴ Above the minimum capacity commitment.

A Straightforward Process

When you're ready to deploy HPE Flexible Capacity, we work closely with your IT team to:

- Jointly determine your capacity needs
- Deliver and set up IT resources at your site, including a buffer of extra pay-per-use capacity
- Monitor and measure the capacity used
- Provide support via HPE Datacenter Care
- Bill you monthly based on actual use⁵ with no upfront capital expenditures

The Right Mix of Resources

With HPE Flexible Capacity, you can deploy exactly what you need, when you need it. You can choose your solution from a menu of popular IT infrastructure components, including:

- Servers of your choice
- Storage
- Networking
- Converged, hyperconverged, and composable systems
- Private and hybrid cloud architectures
- Software from HPE and other vendors
- Multivendor support
- HPE consulting

⁵ Above the minimum capacity commitment.



Flexible Capacity is a good choice when...

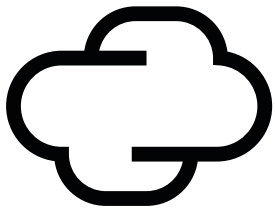
- Large capital outlays and long procurement cycles no longer fit your business
- You have data and workloads that should stay on-premise, under your control, but other workloads that could expand to the public cloud
- You need to be ready for growth and unpredictable surges in demand

A Transparent, Pay-per-use Model

Metering and variable billing by product class gives you clear insight into your actual usage and costs. This pay-per-use model enables better decision making for infrastructure planning and management.

Realizing the Benefits: Example Use Cases

The implementations of HPE Flexible Capacity are as different as the companies that adopt the service. Here's a sampling of the ways some organizations are capitalizing on this new model for hybrid IT consumption.

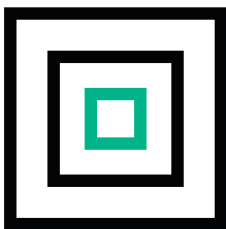


Accenture Serving Up the Cloud on the Client's Terms

In recent years, and largely because of the public cloud, Accenture has seen a significant shift in how its clients want to consume technology. Isolated hardware and software purchases have become a thing of the past. Instead, the firm's clients want to buy bundled technology packages that include the application, the business process, and the infrastructure integrated together.

To meet these changing client needs, Accenture is leveraging the HPE Helion private cloud and HPE Flexible Capacity to build and deliver **hybrid cloud solutions** that follow the public-cloud consumption model. HPE Flexible Capacity allows Accenture to offer a public-cloud consumption model around private-cloud hardware and software without forcing clients to invest in large capital purchases upfront.

[Read the case study.](#)



Erasmus Medical Center Remedying Data-storage Headaches

In the face of explosive data growth, Rotterdam's Erasmus Medical Center needed an overall solution that would boost the efficiency of its IT environment while reducing complexity. A vital component of this solution was a versatile storage infrastructure that could scale both up and down as needed.

The medical center found the remedy for its data-storage headaches in **HPE 3PAR StoreServ Storage** delivered as an HPE Flexible Capacity service. The medical center's IT director notes: *"Using on-demand HPE Flexible Capacity means that we no longer risk running out of storage capacity or having too much money tied up in unused storage."*

[Read the case study.](#)



Norrbottens Läns Landsting

Enabling Flawless Data Access

With an eye toward meeting its support needs and ensuring that its storage limits are never breached, the Swedish healthcare authority Norrbottens Läns Landsting chose HPE Flexible Capacity. If needed, the Flexible Capacity service allows Norrbottens to provision additional capacity in minutes and pay for it all out of its operating budget.

The authority's IT operations manager says: *"From my point of view, I can sleep well at night knowing we won't run out of storage capacity. If we need more storage, we get more storage. We just have to pay a little more every month."*

[Read the case study.](#)

Get the Best of Both Worlds



An award-winning service

Frost & Sullivan recognized HPE with the 2015 North American Frost & Sullivan Award for Customer Value Leadership for the HPE Flexible Capacity service.

With HPE Flexible Capacity, you don't have to be limited by the old rules of IT procurement and provisioning. This service brings you the agility and economics of a public-cloud experience and the security and performance benefits of on-premise IT.

You gain the flexibility to provision capacity in minutes, so the business gets what it needs when needed, and your IT organization can stop paying for capacity it doesn't use. You no longer need to over-provision for growth. Instead, you can pay only for the capacity you actually use.

With HPE Flexible Capacity, you get the best of both worlds—the cloud and on-premise IT—and a path to hybrid IT.

Learn more at
hpe.com/flexiblecapacity



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