



HPE Application Modernization Services

Efficient end-to-end modernization and migration avoiding the missteps



Are you facing these situations?

- Are you managing an infrastructure or application that is no longer supported by your vendors?
- Is it difficult to find and retain talent with knowledge of legacy technologies used in your environment?
- Is your business demanding better performance, the latest tools, and deployment technologies?
- Is your company embarking on [digital transformation](#) initiatives to deliver better customer experiences?

87%

of IT executives agreed their organization needs to modernize critical applications in order to enable their digital transformation journey.¹

86%

businesses have been impacted by technical debt in the last 12 months.²

¹, ² insight.com/content/dam/insight-web/en_US/pdfs/insight/the-path-to-digital-transformation-where-leaders-stand-in-2023-ebook.pdf

Experienced consultants and delivery experts providing preparation, planning, and migration best practices for application modernization or migration, leveraging proven methodologies

Modernization and migration is constant

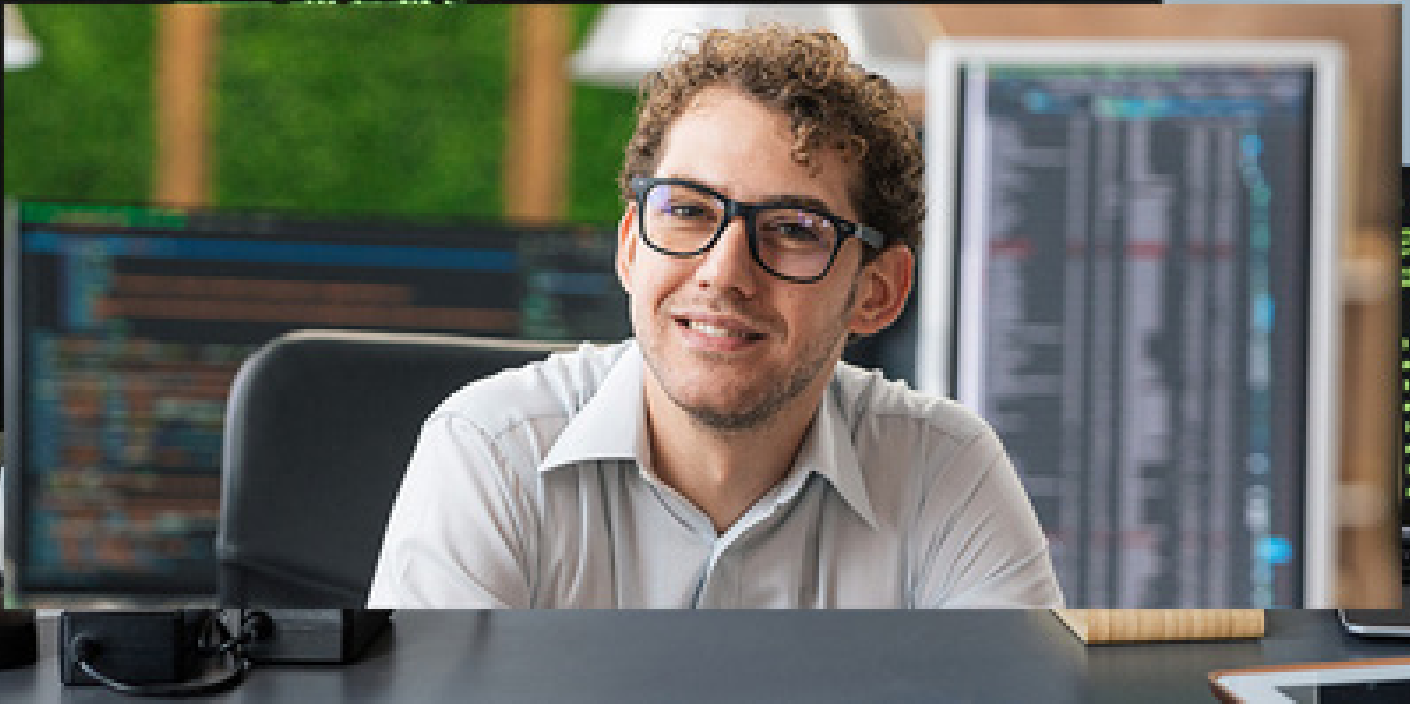
Triggers for application modernization and migration are plentiful

The organization may have strategic intent, such as new business models or capabilities or operational imperatives such as moving to a consumption model from a traditional one — performance and agility, security, cost savings, or optimization. They could also come from operating model shifts such as addressing technical debt, end-of-life technologies, or even vendor replacement. Whatever the cause or multiple causes, workload migration is fraught with challenges. Doing it wrong can be costly and damaging, so doing it right is the goal of any workload migration project.

You may be faced with any of the following situations:

- Legacy infrastructure and software applications
- Regulatory compliance requirements that mandate you to be on vendor-supported IT platforms
- Security threats and vulnerabilities
- Inability to adopt new technologies demanded by customers' business groups
- Lack of in-house skills to continue managing legacy applications

```
name = data[0]; private ArrayList<String> partners;  
partners = new ArrayList<String>();  
for(int i = 1; i < data.length; i++)
```



It doesn't matter whether you are an enterprise, commercial, public sector, or state/local agency, you will have one or more workload migration needs through replatform, redesign, or software upgrades at any given time.

We're here to partner with you

Hewlett Packard Enterprise works with you to resolve key issues in application modernization and workload migration

HPE has the unique ability to provide migration expertise at the platform (server, storage, network) level, as well as software stacks running on top. In addition, our ecosystem of partners can deliver a broad range of migration services for various applications and software packages.

The workload migration solutions approach brings together migration methodologies, assets, and capabilities available across various HPE entities each carrying migration playbooks for infrastructure, workloads, platforms, and hybrid cloud migration.

Application modernization

Today's markets are forcing companies to innovate at a rapid pace, and applications need to be modernized to keep up with these innovations. Along with innovation comes the need to make applications more efficient, secure, and to create customer experiences more intuitive and user-friendly in order to remain competitive in this constantly evolving market.

Get the right mix of technology

To realize the value of executing a hybrid cloud strategy, to produce the expected return on the investment and reach sustainability goals, there must be confidence that yields the desired outcomes.

In a hybrid cloud strategy, these outcomes are often realized via IT workload placement, modernization strategies and operational modernization.

HPE Application Modernization Services help customers determine the optimal mix for placement of business applications, regardless of whether that be a private cloud, public cloud, or data center.



Platform migration

New technologies and new business requirements are demanding new platform capabilities, and they might require a change in platform architecture, that is, physical to virtual, virtual to virtual, virtual to containers, or physical to containers.

Platform migration requires not only an IT effort, but it represents a cultural shift for administrators, developers, and users alike.

Workload migration

Workload constitutes the broad category of applications in use by an enterprise both for revenue (customer facing) and nonrevenue generating (internal user and business operations focused) purposes. These can include custom applications and third-party off-the-shelf software packages deployed on customer premises or used as a service from vendors (platform-as-a-service [PaaS] or software-as-a-service [SaaS] offerings).

Our experience, industry-standard tools, and proprietary IP combine to provide expert guidance through your journey to accelerate infrastructure, workload, and platform migration, securely to the new environment, using modern deployment methodologies.

Infrastructure migration

Do you work in IT operations or software development? If so, you may find yourself working on infrastructure migrations. Teams are often involved in migrating their infrastructure components. It might be because of a technology cyclical refresh, to improve scalability and performance, or to transition from one type of cloud-based platform to another.

Whatever the root causes, it needs to be done right and infrastructure migrations often come with a good amount of risk.

Planning is crucial, whether that's for digital transformation or databases, configuration management, orchestration, or infrastructure provisioning. Similarly crucial is the preparation of the target infrastructure, services, and automation scripts to accelerate and smooth out the migration process. You want all of this to be error-free.

Deployment/operating model migration

The cloud operating model has dramatically changed the way IT functions. Now, you have several choices for deploying infrastructures, such as owned on-premises data centers, off-premises colocation facilities, public cloud, or private cloud pay-as-you-go* models.

De-risk your infrastructure migration at all points in the process, whether you're switching from one generation of hardware to another or upgrading to a newer operating system.

Why HPE for workload and application modernization services?

Accelerating your cloud-everywhere transformation

1. Our broad experience implementing infrastructure, workload, and platform migrations
2. Application migration automation with a data-driven approach using industry-standard tools and HPE intellectual property
3. Hybrid cloud migration services provide a proven, repeatable process to address the entire **application migration lifecycle**
4. [Take advantage of HPE Transformation Services](#)

* May be subject to minimums or reserve capacity may apply

Learn more at

[HPE.com/application-modernization-services](https://www.hpe.com/application-modernization-services)

