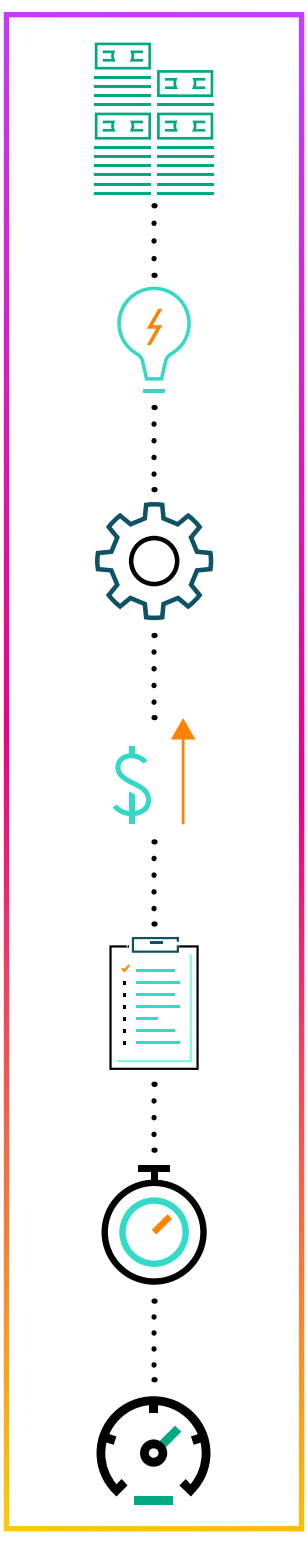
Hewlett Packard Enterprise

Evolve from mainframe into the cloud

HPE Application Modernization Services—Mainframe to Hybrid Cloud Migration helps you take the leap.

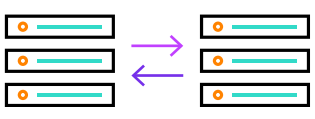
7 Reasons to make the move off mainframe

1. **Operating costs:** High cost of hardware, OS, database, and third-party applications
2. **Footprint and power costs:** Standards-based hybrid cloud platforms match mainframe (MF) performance using less power and at a smaller footprint
3. **Availability of skills:** As mainframe operations workforce gets older, meeting staffing needs becomes more difficult
4. **Inflexibility:** Traditionally run on hosted IT environments, mainframe is extremely expensive to scale
5. **Choice of applications:** More up-to-date choices available on Intel®-based servers than on mainframe
6. **Utilization:** Hybrid platforms or servers use virtualization tools that enhance consolidation of workloads and improve utilization levels
7. **Digital transformation:** Hybrid cloud can accelerate your transformation journey



Power efficiency and agility with HPE's methodology

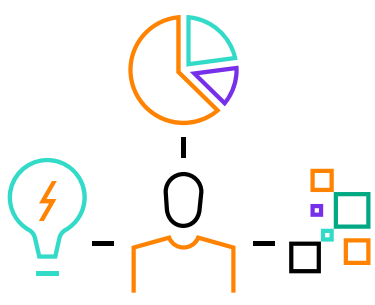
It's designed combining proven processes and tools; offers HPE Mainframe to Hybrid Cloud Migration services portfolio that span end-to-end mainframe migration journey



Mainframe migration services with HPE: A road map to successful Mainframe migration

1 Mainframe Migration Business Case Service (BCS)

- Develops business case for full mainframe migration
- Includes 4–5 weeks of consulting engagement
- Focuses on fast, low-risk migration strategies such as rehosting, replatforming, and containerization
- Delivers 4-year TCO/ROI economic analysis; technical feasibility; timeline feasibility; high-level target design concept; source-to-target migration mapping; high-level project plan; schedule with major phases, activities, and milestones; and risks and impact document

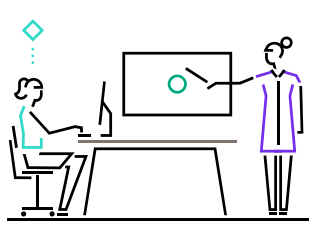


2 Mainframe Migration Roadmap Analysis (MRA)

- Develops business case for large MF environments with migration in phases—phase component planning included
- Includes 8–12 weeks of consulting engagement
- Offers clarity and insights on potential roadblocks, dependencies, and support and technical constraints; and an overall business case supported by an actionable plan
- Delivers the same services as BCS but for a longer duration; covers how environments can be partitioned and order of migrations

3 Mainframe Migration Design and Planning (DAP)

- Defines a process to help mitigate migration risks and provide the perfect start to a successful migration implementation project—can follow either BCS or MRA, or as a standalone engagement
- Includes 8–12 weeks of consulting engagement
- Identifies factors that cause project delays or cost overruns—complex technical issues, large additional scope, resource constraints, and unclear roles and responsibilities
- Delivers a fixed price migration implementation proposal with in-depth analysis and due diligence



4 Mainframe Migration Implementation Service (MIS)

- Enables migration to open systems using MFA Center of Expertise (CoE) from HPE
- Lasts for 12–18 months depending on complexity
- Covers aspects of replacing MF environments—online and batch architecture, application and data migration, security, printing, management, and hybrid cloud infrastructure; designed to enable a low-risk migration
- Delivers complete, partial, or phased MF migration to hybrid cloud platforms by rehosting and containerization of custom applications, and replatforming or replacing MF products with hybrid cloud environment

5 reasons why HPE can deliver compelling Mainframe migration ROI

1. **Low-risk, high-return approach:** High-skill migration expertise and proven migration methodology
2. **Complete Mainframe replacement solution:** Broad range of products and services; ability to combine heterogeneous products
3. **Smoother transition:** Automated tools and HPE MFA CoE frameworks
4. **Wide range of hybrid cloud platforms:** To match reliability, availability, and scalability (RAS) requirements and price points
5. **More value for less:** Equivalent or higher RAS for core systems than MF at much lower costs and faster time to market; sample this: we can move systems requiring 99.999% RAS and near-linear scale up to hybrid cloud platforms at 50%–70% less the cost of MF environments

Migrations can be risky business. Partner with Hewlett Packard Enterprise and benefit from our over 20 years of experience in helping organizations replace mainframe environments with hybrid cloud and server platforms.

Learn more at
HPE.com/us/en/application-modernization-services.html

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