Why wait? Migrate from IBM Power with confidence and reduce TCO by up to 60%

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HPE's promise of reducing your costs by over 50% by migrating from IBM Power to either a cloud or x86 environment is, without doubt, an attractive proposition. Based on HPE's experience in migrating thousands of of applications from IBM environments, you could realize these typical TCO results:

- **35% to 60% reduction in 3-year TCO**
- **65% reduction in hardware acquisition costs for refresh cycles, EOL, and capacity expansion**
- **55% reduction in hardware support for consolidation and capacity planning**
- **54% reduction in software license costs compared to AIX or PowerLinux**
- **65% reduction in power consumption**
- **50% migration savings when delivered through an experienced migration team**

But for many enterprises, the concern is not just about reducing TCO. To be counted as a success, a migration from IBM Power to cloud or x86 has to ensure that risks are minimised and managed. For workloads that are business-critical with 24x7 usage, it's critical that applications retain continuity with minimal disruption before, during, and after the migration.

HPE has the expertise, processes, tools, and experience

Over the years, HPE has gained extensive experience migrating thousands of IBM Power Systems-related technology stacks via a combination of people, proven processes, and automation tools. Workloads based on ISV products running on both AIX and x86 Linux—such as Oracle databases or SAP® applications—are relatively easy to migrate. But many applications running on IBM Power have been developed in-house, often with poor supporting documentation.

HPE has a unique portfolio of automated migration tools—developed and enhanced over the years during real-world migrations—that meet the needs of most customers. Among their many capabilities, these tools identify dependencies and required code changes of each application prior to migration. By taking these into account and formulating a plan for each, risks are mitigated, resulting in a smooth migration with a predictable outcome.

With a comprehensive portfolio of migration capabilities and automated tools to streamline, accelerate, and reduce the risk of migration, HPE can help maximize the benefits of modernizing your infrastructure and reducing your costs as you transform to a digital enterprise. IT stability is ensured while building a future-ready hybrid IT environment that offers the agility and performance you need to drive business growth.

You can migrate with confidence

Many enterprises have already made their choice and have taken advantage of HPE's vast experience in migrating customers from IBM Power. Here are just two of their stories:

39% reduction in infrastructure costs by migrating to banking-as-a-service running on HPE Integrity Superdome X

Hypo Group Alpe Adria AG (HGAA) operates banking subsidiaries in Bosnia-Herzegovina, Croatia, Montenegro, Serbia, and Slovenia. To reduce costs, HGAA wanted to sell off their internal IT service organization to a banking-as-a-service provider who could meet their cost-cutting objectives. After winning the bid and analyzing the expensive proprietary IBM Power Systems, HPE set up a proof of concept based on the HPE Integrity Superdome X powered by the Intel® Xeon® Processor E7 Family running Red Hat® Enterprise Linux, including a regression test of the Temenos Core Banking application to verify quality and stability.

After developing the tools necessary to migrate from "big-endian" DB2 to "little-endian" Linux and modifying the Temenos application code to fit the Red Hat environment, HPE Pointnext experts delivered the cost, efficiency, and performance benefits HGAA were looking for with zero downtime. Overall performance was 2.5X better than the previous IBM Power Systems, while the HPE infrastructure reduced HGAA's infrastructure expenses by 39%, including taking into account the cost to deploy the new systems, migrate the applications and data, and train staff on the new environment. A 30% improvement in operating efficiency by optimizing workloads on standardized technology also translated to fewer resources required to support the workload.

Watch the video and read the full case study here.

6 months to migrate from SAP on IBM Power to SAP HANA on HPE ConvergedSystem 900

With data volumes increasing rapidly, NTUC FairPrice Co-operative Ltd.—Singapore's largest grocery retailer with 2015 revenues of S$3.4 billion—needed to find a way to improve stock control, merchandising, and financial management across the business. Realizing the limitations of their current environment, they partnered with HPE to migrate their SAP environment running on IBM Power 7 servers to SAP HANA running on HPE ConvergedSystem 900 for SAP HANA Scale-up Configurations powered by HPE Integrity Superdome X servers using the Intel® Xeon® Processor E7 Family.

IF SAP...THEN ... SAP HANA...

By 2025, any SAP customer running traditional SAP applications will have to migrate to SAP HANA, which is only supported on Linux.

1. **This means three major changes for IBM Power SAP customers:**

2. **Database migration from Oracle or DB2 to SAP HANA and OS migration from AIX to Linux**

3. **The platform must be upgraded to Power 8**

And...
- **SAP Business Suite will no longer be supported by SAP after 2025, causing all existing SAP customers to consider upgrading to SAP S/4HANA**

- **Any customer running SAP on a traditional Relational Database Management System (RDBMS) such as DB2, Oracle, Microsoft SQL Server will be forced to migrate to SAP HANA**

- **Approximately 80% of existing SAP customers still run on a RDBMS**

- **Linux is the standard and only Operating System supported by SAP HANA. All customers running Unix (including IBM AIX) or Microsoft as an OS will need to migrate to a Linux based platform**

- **IBM Power 6 and 7 are not supported in SAP HANA production environments.**

You can move to Linux with IBM or... take advantage of this opportunity to assess the potential to migrate to a proven, solidly reliable, cloud-ready platform based on x86 Intel architecture with HPE.

There are over 9000 SAP Customers running SAP Applications on the IBM AIX Platform. If you are one of them. Now is the time to start looking at a more modern, industry standard platform ready for the future.

HPE and SAP
Your best choice to move from IBM Power

12000+
HPE SAP HANA servers shipped.
5+ Petabytes of memory shipped

#1 Scalability
Unmatched 20 socket/20TB
single-node HANA certified system.
Supported with SAP up to 48TB

60% Lower TCO
HPE's Superdome X HPE Superdome X
is 60% lower TCO over 3 years, than IBM
Power E880 w/Linux

#1 Market Share
HPE is 50% of the HANA market
and growing faster than the
competition. IBM has a tiny
installed base (Gartner study)

#1 UNIX to Linux
mission critical platform
with always on availability

Hybrid Cloud
HPE's right mix approach with Flexible
capacity, pay per use offers broad choice

2400+
Customers running SAP HANA on HPE

130 TB
World's largest HANA system in
production. HPE runs SAP HANA
with nearly 50TB in production

The Future:
HPE is working on next-gen memory-centric
computing optimized for in-memory and SAP
HANA.

Hewlett Packard Labs

**Winner of 2017 SAP
Partner Excellence Award**

for Technical Innovation for SAP HANA

Taking advantage of HPE Pointnext expertise, the migration was completed within the six-month deadline with minimal strain on internal resources, resulting in significantly increased reliability and availability. NTUC FairPrice's SAP database was also reduced in size from 6.5TB to just 2.2TB on SAP HANA, but with the system designed to scale seamlessly up to 12TB. Rapid report generation provides greater visibility into the business, improving distribution and a reducing stock held in warehouses, resulting in an enhanced customer experience.

Read the full case study here.

Don't delay! Find out how much you can save—today.

With industry-leading x86 platforms and proven HPE Pointnext migration services, you can be sure that your goals for agility, performance, scalability, and cost savings can be met—within your required timeframes. With many of successful IBM Power migrations already completed, partner with HPE and you could be the next success story.

Find out how much you could save by accelerating your IBM Power migration with HPE. Visit Modernize IBM Power AIX to Mission Critical x86, then talk to your HPE Account Rep or HPE Channel Partner. Or, for a quick response, email HPE at IBMPowerOff@HPE.com.