

MODERNIZING THE WORLD OF PAYMENTS WITH HPE GREENLAKE

The secure, scalable cloud payments platform you need to deliver innovation—today and tomorrow



Secure, compliant, and scalable

With [HPE GreenLake](#) for payments, you get complete transaction security support. At every point in time, your sensitive data is secure and your environment compliant with industry standards.

Here today, made for tomorrow

Platform evolution is built in while short implementation cycles keep you current, competitive, and quick to innovate.

Low-risk, no-hassle modernization

You pay nothing for your payments platform until the migration is complete and your systems are up and running.

HPE GreenLake for payments

- Supports core card payments and, uniquely, fast-emerging alternative payment types such as contactless and buy now pay later
- Runs Lulus TANGO, the modern payments platform used by four of the world's ten biggest banks
- Delivers unparalleled security, scale, and performance across compute, storage, memory, and network, thanks to Intel® Xeon® processors
- Is powered by HPE NonStop, the mission-critical technology that underpins more than 65% of payment card transactions worldwide
- Decreases your carbon footprint by cutting overprovisioning, so less power is used
- Features Intel® Software Guard Extensions, which use hardened enclaves to protect selected code and data

A PLATFORM THAT'S BUILT TO EVOLVE

Payments are essential to your business, but the way people pay is changing, and to pull ahead of competitors, you must be able to offer new products and services faster.

But while FinTech moves at a rapid pace, some banks are still using 40-year-old payments platforms. Legacy architecture such as this is complex and expensive to maintain. You need an agile, modern solution.

HPE GreenLake for payments is a new payment platform from a partner you trust. It provides high performance and is always on,¹ supremely secure, and built to evolve.

HPE GreenLake brings a new kind of experience to your apps and data, no matter where they live. It is an open, secure edge-to-cloud platform that modernizes your IT to improve business outcomes—managed in your data center or a co-location facility to simplify and automate tasks, freeing up time and resources.

In a world that never stops, you can count on Hewlett Packard Enterprise and our trusted partners to deliver true fault tolerance for mission-critical applications.

And with HPE as your single point of contact, there's no need to worry about roles and responsibilities. We take care of your environment and data while giving you the freedom and flexibility to run the platform in line with your IT governance.

HPE GreenLake for payments is ready to address new business needs and help you compete with emerging FinTech companies.

SWITCHING HAS NEVER BEEN EASY, UNTIL NOW

Migration can be a difficult and prolonged process, demanding resources that may be tied up elsewhere.

Moving to the cloud comes with security challenges and regulatory obstacles while a new payments platform comes with risks that have historically proven a big hurdle preventing many banks from taking the step.

Legacy systems can be inflexible, demanding significant investment to maintain, which diverts funds from innovation. Migration delays mean cost overruns while any outages or downtime could cause critical reputation damage.

With HPE GreenLake for payments, the leading payment modernization solution, offers you the best outcome for your payment platform. Pay nothing until the migration is complete and your systems are up and running. It's rapid, low-risk, no-hassle migration.

And because HPE handles everything, your teams are free to focus on growing your business, not just keeping the lights on.

HPE GREENLAKE FOR PAYMENTS, AN AGILE CLOUD SOLUTION

The public cloud wasn't built to manage everything, and performance can be an issue. With HPE GreenLake for payments, you stay in control because your data is on-premises or co-located.

HPE GreenLake brings the cloud to you, offering a managed solution with pay-as-you-go pricing, flexible growth, and reduced IT environment complexity.

¹ Always-on follows AL4 availability level for HPE NonStop systems as recognized by IDC in Worldwide AL4 Server Market Shares, 2019: Fault Tolerant Systems Become Digital Transformation Platforms, IDC, Doc # US46640020, July 2020



HPE GreenLake for payments offers complete transaction security support. At every point in time, your sensitive data stays secure. Intel Software Guard Extensions use hardened enclaves to protect selected code and data from modification.

In terms of compliance—though cloud approaches may represent a greater regulatory challenge—HPE GreenLake for payments remains in your data center and under your control.

HPE NonStop, powered by Intel, gives you 24x7 availability, speed, and manageability for a huge volume of transactions. So, you can cope with whatever the demand and only pay for what you need, thanks to our consumption-based model.

A FLEXIBLE, OPEN, HIGHLY AVAILABLE PLATFORM

HPE GreenLake for payments runs Lusion TANGO, today’s modern payment platform, which runs state-of-the-art technology to address business needs. With four of the ten largest banks in the working using the Lusion payment system.

The Lusion TANGO platform is built to handle high transaction volumes, with maximum availability benchmarked at 10,000 TPS.² It’s cost-effective, with a lower cost to go lights on and reduced implementation time. A microservices architecture adds agility, supporting nimble deployment of the new functionality.

To reduce lock-in, now and in the future, Lusion TANGO is platform and database agnostic—across UNIX®/Linux® (POSIX), HPE NonStop, and Windows OS, with broad coverage on nine database technologies. It is also built on easily portable code that allows customers to change platforms without major challenges.

A SOLUTION YOU CAN TRUST

HPE NonStop handles more than 65% of all payment card transactions around the world. Within HPE GreenLake for payments, HPE NonStop offers 24x7 availability, speed, and manageability for a huge volume of transactions. You know you’ll cope whatever the demand.

HPE NonStop is a fully redundant system, designed on the principle that everything can (and will) fail. Integrated hardware and software enable true business continuity and linear scalability, and it’s built from industry-standard hardware including Intel Xeon servers, industry-standard storage options, and InfiniBand fabric.

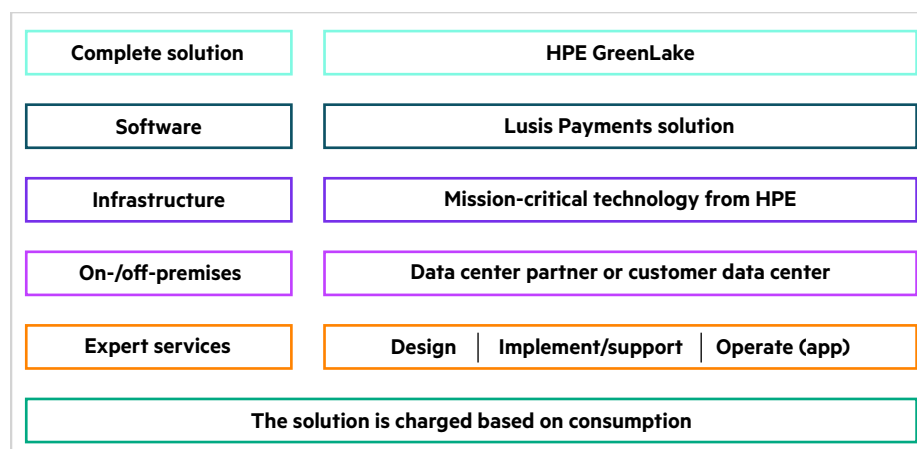


FIGURE 1. HPE GreenLake for payments, a complete, end-to-end payment solution

² lusionpayments.com/benchmarks.html



Solution overview

Your new payments platform

- Compliant with all payment standards
- Multichannel, multi-institution, multilanguage, multicurrency
- Complete transaction security support (EMV, 3DES)
- Supports dynamic currency conversion
- ISO 8583, ISO 20022, XML, Payment Card Industry Data Security Standard (PCI DSS)



HPE GREENLAKE FOR PAYMENTS CUTS YOUR CARBON FOOTPRINT

Overprovisioning is wasteful. Buy too much capacity and it sits idle, costing you money while it waits for future demand. But buy too little, or too late, and you will miss opportunities.

HPE GreenLake for payments addresses this inefficiency by removing the need to overprovision. No overprovisioning means less power used, and the result is a lower carbon footprint for your business.

Better for your bottom line. Better for the planet.

IN CONCLUSION

HPE GreenLake for payments gives you the agility to drive innovation and offer new, revenue-generating products and services. Modernization of your payment system is rapid and low risk while pay-per-transaction makes your new platform cost-effective to run and maintain.

With the combined strengths of HPE GreenLake, Lusion TANGO, and HPE NonStop powered by Intel, HPE GreenLake for payments gives you a complete solution all in one place that delivers the performance, security, ease, and control that you need.

Meet the demand of today and be ready for the future with a payment platform that's built for tomorrow.

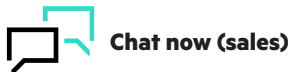
LEARN MORE AT

hpe.com/greenlake/financial-services-industry
lusionpayments.com

Our solution partner



Make the right purchase decision.
Contact our presales specialists.



© Copyright 2022 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Intel Xeon, Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. UNIX is a registered trademark of The Open Group. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. All third-party marks are property of their respective owners.

a00124525ENW