

# Next Gen Data Integration Platform from Percipient and Hewlett Packard Enterprise (HPE)

## Market Trend and Business Challenge

Today, the bulk of enterprise data remains trapped in legacy or spaghetti-like architecture. The current Data Warehouse systems are costing organizations millions of dollars to maintain. Some organizations have turned to Cloud services, though not necessarily cheaper. With the growth in digitization, scalability and speed are critical success factors for businesses.

The journey to implement real-time customer applications or advanced business intelligence begins with the optimal integration of data, regardless of its source, format or volume.

## Our Solution

The UniConnect platform is designed to unify data in a highly scalable and seamless manner, by building on an organization's existing tools, processes and skills. It is an in-memory data unification platform that leapfrogs traditional technologies. And here's how we do it:

- 250 pre-built connectors to structured, unstructured and real-time data sources. This means easily accessing and combining data from transaction systems, databases, third-party sources, and CSV files. New age sources such as social media, IoT, blockchain, and API data can be added as and when required.
- In-memory rather than disk technology is used. By avoiding wired connections, processing can be accelerated. In-memory also means data is available virtually, without the need for a data warehouse, or in fact, any kind of data repository.
- Cluster-based, parallel data processing is another UniConnect feature that allows for high performance, cost savings and scalability. As data volumes increase, additional computing power is available simply by adding more nodes.
- By using a single interface and standard SQL programming language, UniConnect enables users to extract insights from data regardless of its source, format or type. This ability to issue a single SQL query against heterogeneous data also reduces ETL workloads.

## HPE & Percipient Differentiators

### In-Memory Processing

It is not only substantially faster, but more secure as data is not physically copied.

### Designed for Analytics

An advanced and efficient platform to implement BI, financial and risk reporting, customer 360 campaigns and others.

## Connecting The World's Data Sources

### Improve Operational Efficiency

Unifies data across multiple sources without copying. Delivers personalized services to each LOB.

### Ultra Fast and Scalable

Powered by HPE and Intel technology, the platform is highly scalable and delivers superior performance.



**About Percipient**

Percipient is a data technology company based in Singapore, founded in 2014. Percipient’s mission is to enable organisations to put data at the heart of all their decisions and drive scalable, efficient and cost – effective growth by taking advantage of big data technologies and advanced analytics. Its flagship product, UniConnect, was built to hyper-accelerate connectivity between data sources that currently don’t talk to each other or cost too much to integrate. These can be data sources that are legacy and modern, or structured and unstructured, real-time or batch. Data from IoTs, blockchain and APIs can be easily, speedily, safely and cheaply managed using UniConnect, all without the need to make yet another copy of the data.

**About HPE**

HPE is focused on enabling enterprises to accelerate innovation in an era of digital disruption by:

1. Making hybrid IT simple – to power your right mix to accelerate innovations for your unique enterprise
2. Powering the Intelligent Edge – to create the next gen of digital experiences and services
3. Providing the expertise to make it happen – to advise, integration and accelerate the outcomes for your enterprise

To enable our customers to accelerate, we bring a unique set of ingredients together from our heritage in computing and our innovative and proven architectures for the data center, cloud and edge, to our software-defined strategy and our depth of expertise to help you deliver the right outcomes from your apps, data and infrastructure. These along with our rich ecosystem of partners, the flexible, OpEx-focused, cloud-like consumption models we offer and the path forward we can deliver with HPE Labs – we are uniquely positioned to help you accelerate innovation.

HPE brings a host of solutions and Financial Service expertise to the industry. Here is a sampling of solutions and engagements we’ve had in the Financial Services Industry – from addressing Hybrid IT elements with the right mix of on-prem and off-prem solutions, all the way to the Intelligent Edge where we enable wireless communication in branch, mobile devices, trading workstations and edge compute.

	<b>Technology Platforms</b>	<b>Advanced Data Insights</b>	<b>Digital Experience</b>	<b>New World Innovation</b>
	<ul style="list-style-type: none"> <li>• Hybrid Infrastructure</li> <li>• Agile Apps. Infrastructure</li> <li>• Trading/Risk Grid (HPC)</li> <li>• Payments Modernization</li> <li>• Core Banking Transformation</li> </ul>	<ul style="list-style-type: none"> <li>• Data Lake Applications</li> <li>• Risk/Fraud Management</li> <li>• Predictive Analytics</li> <li>• Information Lifecycle &amp; Data Governance</li> <li>• Regulatory Compliance</li> </ul>	<ul style="list-style-type: none"> <li>• Secure Virtual Workshop</li> <li>• Branch Modernization</li> <li>• Mobile Banking</li> <li>• Omni-Channel Experience</li> </ul>	<ul style="list-style-type: none"> <li>• IoT Enablement</li> <li>• AI/Machine Learning</li> <li>• Open Banking API</li> <li>• Digital Wallet/Identity</li> <li>• Blockchain</li> </ul>
<b>Hybrid IT</b>	<p>Leveraged <b>Shared Services</b></p> <p>Synergy, Composable, 3PAR, Nimble, etc.</p>	<p>Optimized <b>High Frequency Trading</b></p> <p>Apollo Servers, Arista Networking</p>		<b>Intelligent Edge</b>
	<p>Flexible Capacity <b>Hybrid Infrastructure</b></p> <p>Services from HPE PointNext, Cloud Transformation, Mission-Critical Solutions</p>	<p>Resilient <b>High Performance Computing</b></p> <p>Apollo Systems, In-Memory Compute, Deep Learning, Fraud Detection</p>	<p>Mobile First <b>Retail Banking</b></p> <p>Aruba Wireless, Customer Interactions &amp; Analytics</p>	
			<p>Secure <b>Virtual Workspace</b></p> <p>Edgeline/Moonshot Servers, Trading Environment, Partner</p>	
	<b>Retail Banking</b>	<b>Capital Markets</b>		<b>Insurance</b>