

CREATED EXCLUSIVELY FOR BANK OF AMERICA

HITACHI
Inspire the Next

A nighttime photograph of a city skyline, likely Atlanta, Georgia. The skyline is dominated by several tall skyscrapers, many of which are illuminated with bright lights. The sky is a deep blue with some lighter clouds. In the foreground, a multi-lane highway is visible, with light trails from cars indicating traffic flow. The highway is flanked by trees and greenery. The overall scene is a vibrant representation of a modern, connected city.

Bank of America
and Hitachi Vantara:
Connecting the world by investing in data

Foreword

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To continue making profound changes at remarkable speed, Bank of America needs the innovation to support its strategic goals.

If you want to discover which strategies, approaches and solutions you need to transform efficiency, generate profit end-to-end, and make the right choices, read this e-book. It will give you valuable insight into the latest technology that will drive your success.

By leveraging your existing alliance with Hitachi Vantara, you can change the future for the better. And today is the best time to begin.

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An insight into your future

Imagine a world with free-flowing economic activity.

Security and data protection will unlock a new level of free-flowing economic activity. Bank of America can adapt to a modern marketplace by migrating to the cloud securely, quickly and simply. Intelligent data protection and instant recovery solutions will help you to reduce risk with payment initiation. And it will enable customer relationships based on a new level of trust, allowing vendors and retailers to establish much deeper, more personalized relationships with customers.

A place where you can make the right strategic decisions.

With secure, agile infrastructures, Bank of America can rationalize bank operations, transform system performance and reduce costs. Expert advice from Hitachi Vantara will help you to make the right strategic decisions and adopt blockchain technologies that will leverage your lead, ahead of other banks.





Discover the next generation of talent.

A future built on flexible working arrangements, the freedom to use different technologies, and a culture that allows innovation to flourish. Where Bank of America provides the agile, intelligent, application-optimized infrastructure that will demonstrate your commitment to technology transformation and draw the best talent with skills in data science and digital technology.

Develop unrivalled customer experiences.

Actionable insights will fuel individualized customer experiences. And a strong focus on AI and machine learning will enable you to further develop your chatbot using complex testing simulations to create a seamless experience and a unique competitive advantage.

A future together.

These outcomes are just a glimpse into the benefits made possible by enhancing an existing alliance. Where Hitachi Vantara and Bank of America work together with one key focus – to accelerate growth through digital innovation. Helping you change the future for the better with expert advice and solutions for the cloud, in analytics and blockchain.

Making your vision a reality

Hitachi Vantara was established to meet the needs of valued customers like Bank of America.



Your vision is being made real. With the intelligent use of analytics, automation and the internet of things you can focus closely on customers as an ultra-efficient, leading bank.

Hitachi Vantara is a world leader in the development and continuous innovation of data center analytics and secure infrastructure technologies. The combination of Bank of America's purpose, and the platforms and solutions that Hitachi Vantara can offer, create a unique blend of possibilities.

We're already working together to build a brighter future. But more can be done to reach your strategic goals.

Explore REAN Cloud, to accelerate cloud migration in a secure way, Pentaho Data Integration to ingest, blend, cleanse and prepare data from any source, Pentaho Business Analytics to enable data analysis to unlock useful customer insights, and High Performance Computing to unlock a big competitive advantage with complex testing simulations.

But the biggest opportunity for Bank of America lies in your vision. Values that Hitachi Vantara shares with you. A dedication to game-changing innovation, a focus on leveraging analytics for great customer experiences and a drive for better data protection.

By combining the best brains from two world-leading organizations, we've already begun changing the way the world works.

Four key changes to make

1



Unifying structures

It's time to go beyond core infrastructure. To analytics and integration – the technologies that feed into key areas like data protection, IoT, AI and machine learning. The Anonos Save Your Data solution can be used for pseudonymisation, removing the risk of storing data post-GDPR. This data-centric approach to security will help you to lawfully store and share data whilst maximizing value from data insights.

Hitachi Content Intelligence can help fast-track your ability to unlock data-driven insights for better decision making and individualised customer

experiences, creating complete and comprehensive flows of meaningful data that reach the right people and the right machines, at the right time.

- Unifying multi-structured data, no matter how or where it's held.
- Adding value to data by customizing existing data, augmenting content and creating new metadata descriptors.
- Creating detailed analytics and graphical visualizations that are easy to understand.

2



Fast secure payments for every customer

We're currently working with blockchain-based services, teaming up with specialists to refine relevant, value-producing solutions. As part of the Hyperledger Blockchain Council we've already been involved in creating formulas for blockchain algorithms. Now we're designing and operating marketplaces.

- We can provide bespoke implementations of blockchain for private or semi-private enterprise applications.

- We can offer 3rd party validation of private consent networks as a service.
- HCP can be used to perform machine learning on blockchain data. It works by pseudonymising the data, ensuring it meets security regulations by encrypting personal details.
- By taking blockchain out of its structured format and putting it into a data lake, we can perform analytics, using Pentaho for data extraction and Analytics for insight and reporting.

3



A planned evolution

Hitachi Vantara can provide consultancy to help with data center consolidation to facilitate a smooth migration.

- Conversion of data centers into agile information centers with low-risk, rapid, non-disruptive and accurate deployments of our robust infrastructure.
- Definition, analysis and planning of a virtualized, dynamic, resilient and integrated compute and storage infrastructure environment.
- Management of the life cycle of structured and unstructured content, with services that help search, discover and integrate content.

4



Accelerating cloud adoption

Microsoft and Hitachi Vantara already have a strong alliance. As you continue to use Microsoft Cloud to drive digital culture alongside Microsoft Azure, Hitachi Vantara is placed perfectly for your Enterprise Cloud solutions.

- Automated testing per in parallel cross-browser, performance, functional, scale and infrastructure.
- Visualize real-time and historic cost, security, compliance, operations and DevOps metrics using persona-based dashboards.
- Migrate applications from a data center for the cloud as servers or containers in an easy, sure way.

TOMORROW

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The big results

1



Fast, intuitive analytics everywhere

Pentaho Data Integration and Business Analytics enable users to access, blend, analyse and visualize all types and sizes of data across multiple dimensions, embedding analytics into existing applications. All with minimal IT support.

- Easily ingest, manage, blend and prepare any data from any source.
- Speed design and deployment of big data analytics by up to 15 times, compared to hand coding.
- Instantly analyse and visualize data across multiple dimensions.
- Uncover insights easily with reports, visualizations and dashboards, without depending on IT.



2



Collaborating for the future

Bank of America's commitment to blockchain complements our own investment in solutions that enable the adoption and deployment of blockchain-based services and systems. A shared approach will lend momentum to the development of blockchain-driven innovation.

- Enable customers to use an enhanced, secure outlet with better security and transparency.
- Leverage the right blockchain technologies for a secure, fast payments process.
- Use Pentaho to extract, analyse and understand blockchain data.



3



Migration with no downside

Achieve rapid time to value and reduce risk with integrated dynamic infrastructure built for you. Use effective migration processes and manage new environments to achieve optimal return on investment.

- We can position our migration center of excellence, offering migration services, expertise and best practices.
- Our fast, storage-agnostic, non-disruptive migrations minimize error, cost and risk, to prevent technological obsolescence.
- Our deployment services encompass building, testing and integrating dynamic infrastructures, cloud environments and smart analytics.



4



Bank of America

REAN Cloud enables you to increase security and drive agility to accelerate cloud adoption.

- Applications securely migrated to the cloud at a lower cost and a faster speed.
- Deployment and configuration of environments in the cloud is made reliable and simple.
- Unlock a major competitive advantage with the ability to test in complex environments.



To achieve operational excellence, Bank of America needs to invest in data.

Data is fundamental to your future success – driving speed, performance and profitability.

With 100 years of OT heritage and 60 years of IT experience, we understand what it means to be one of the biggest banks in the US. We're experts in turning IoT data into meaningful intelligence, connecting business, human and machine data, in the data center, the public cloud and across applications, to create an asset that grows in value.

Our infrastructure services, intuitive analytics, blockchain developments and REAN cloud are proven solutions that turn data into measurable value. And they're already helping some of the biggest banks transform performance and customer experiences.



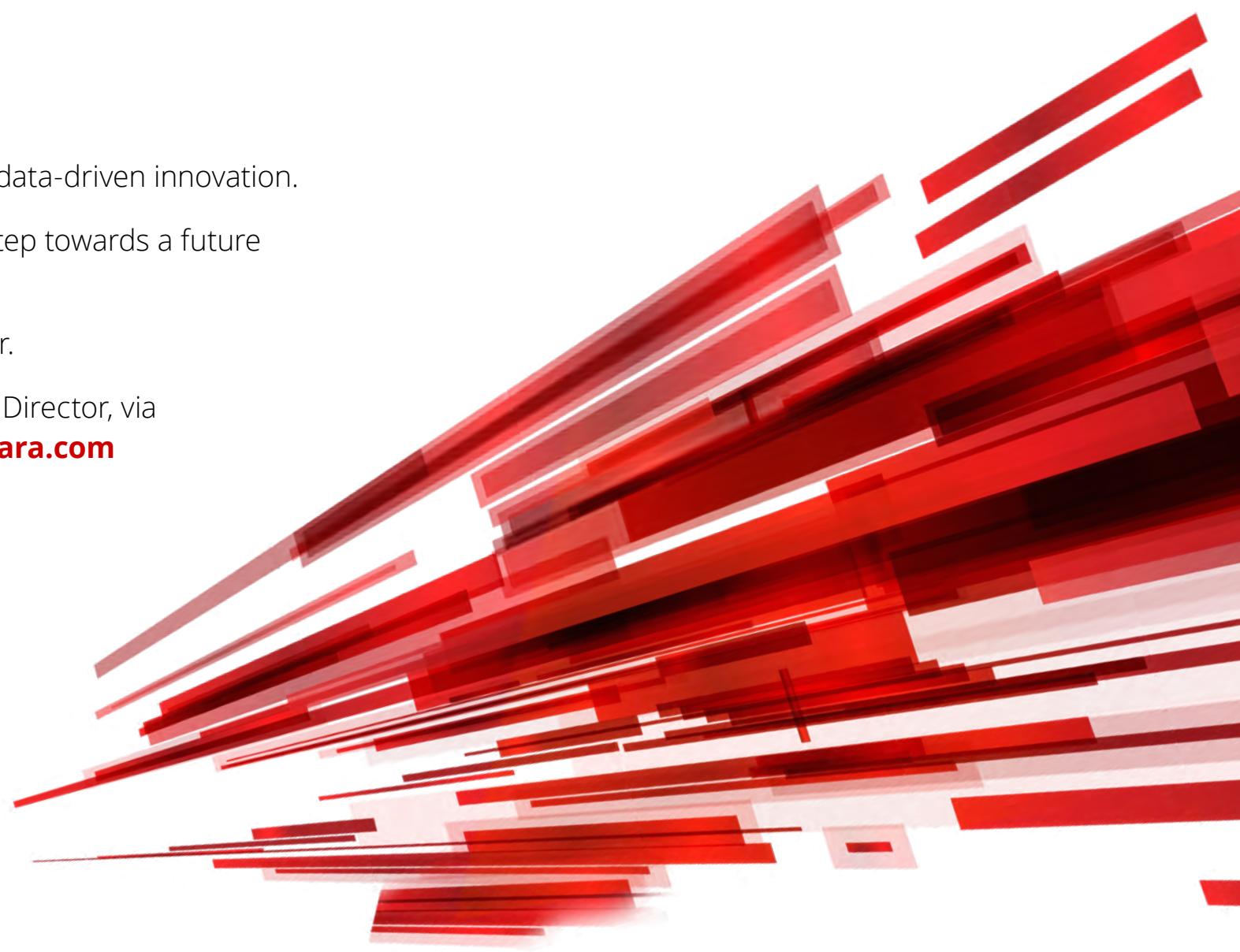
Get in touch

We share your commitment to data-driven innovation.

Now it's time to take the next step towards a future fuelled by data.

Let's shape your future together.

Talk to Nagesh Razdan Account Director, via
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today to get started.





Visit your dedicated landing page
to find out more

HitachiVantara.com/go/BankofAmerica