Accelerate Digital-First Banking

VMware Digital Foundation for Financial Services

vmware®

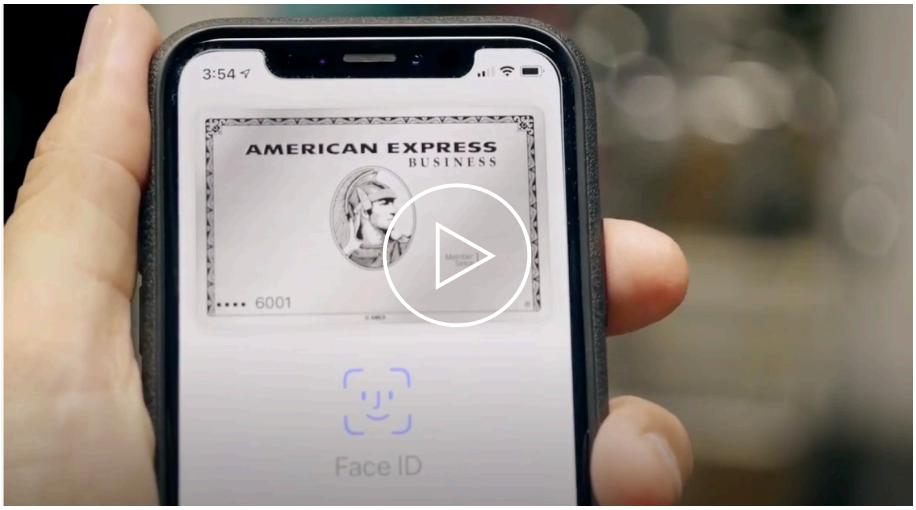
> “It’s a difficult time for banks. Transforming the customer experience gives us the opportunity to differentiate ourselves. To do it successfully is tough. A customer’s relationship with their bank is really complex. However, it really is a case of adapt or die.”

JOSE LUIS ROMANOS, CHIEF TECHNOLOGY OFFICER, CAIXABANK

Embracing the Next Wave of Customer-First Banking Innovation

The financial services industry is no stranger to disruption. For many, COVID-19 offered sudden, dramatic proof of the value of operational agility. Not only did institutions double down on the digital experience, but they adapted swiftly — breaking down barriers, adopting new technologies, and moving at the speed both customers and the business required.

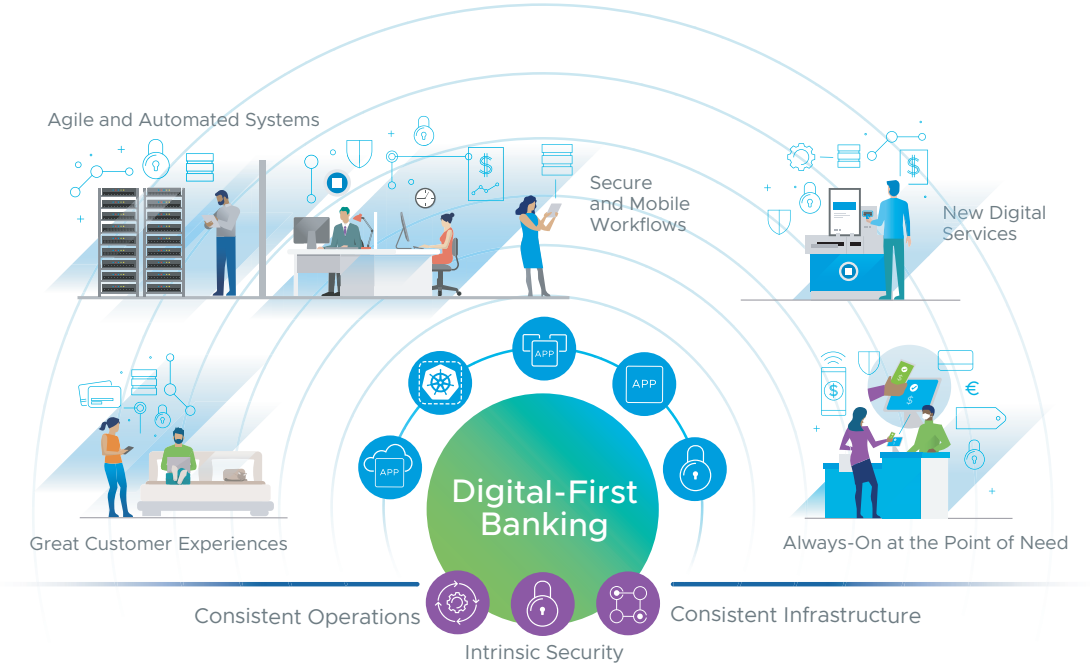
For over twenty years, VMware has partnered with financial services organizations worldwide to deliver world-class infrastructure that addresses today's challenges while preparing for whatever comes next. As the IT platform of choice for financial services, including 10 out of the top 10 largest global and commercial banks worldwide, VMware's support for any cloud, any app, and any device enables financial institutions to safely accelerate digital strategies while driving operational excellence, top-line growth, and security at scale.

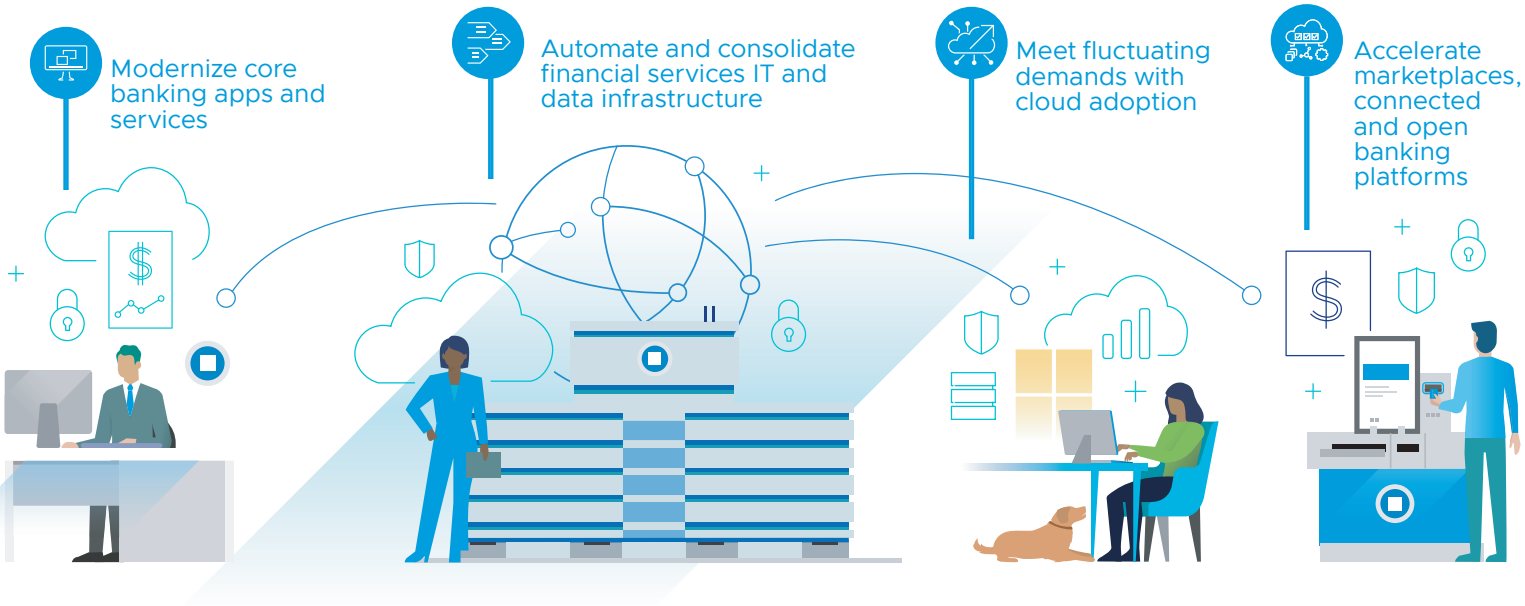


VMware on Financial Services: Learn how our solutions bridge legacy systems with next-generation technologies to accelerate digital-first banking.

VMware Digital Foundation for Financial Services

Financial services organizations that architect their IT strategy on VMware's digital foundation can build, run, manage, connect, and protect any app on any cloud on any device—gaining the agility needed to accelerate digital-first banking while simultaneously driving top-line growth and efficiencies, delivering exceptional customer and employee experiences, and protecting financial services data and consumer trust.





"We've been on a cloud journey since 2013 and made some early bets on hyperconverged infrastructure, software-defined data centers, containers, platform as a service, and CI/CD. Our cloud journey has evolved quite a bit. However, our commitment to delivering products and services to our clients rapidly by providing a frictionless experience to our developers remains as important as ever."

VIJAY LUTHRA, CHIEF TECHNOLOGY OFFICER, NORTHERN TRUST CORPORATION

Drive Top-Line Growth and Efficiencies with Modern IT

Cloud and application strategies are now largely driven by the increasing global demand for digital banking services across channels. The VMware Digital Foundation for Financial Services modernizes IT infrastructure, operations, and applications on one digital foundation that extends from the data center to any public cloud to the edge.

With VMware, financial institutions can operate flexible, agile IT infrastructure that builds on existing investments to support new business requirements and meet expectations for digital banking services that are always on, always convenient, and always secure.

Modernize core banking apps and services

- Speed time to market of new banking products, services, and digital capabilities.
- Operate all apps consistently across the data center, edge, and cloud.

Automate and consolidate IT and data infrastructure

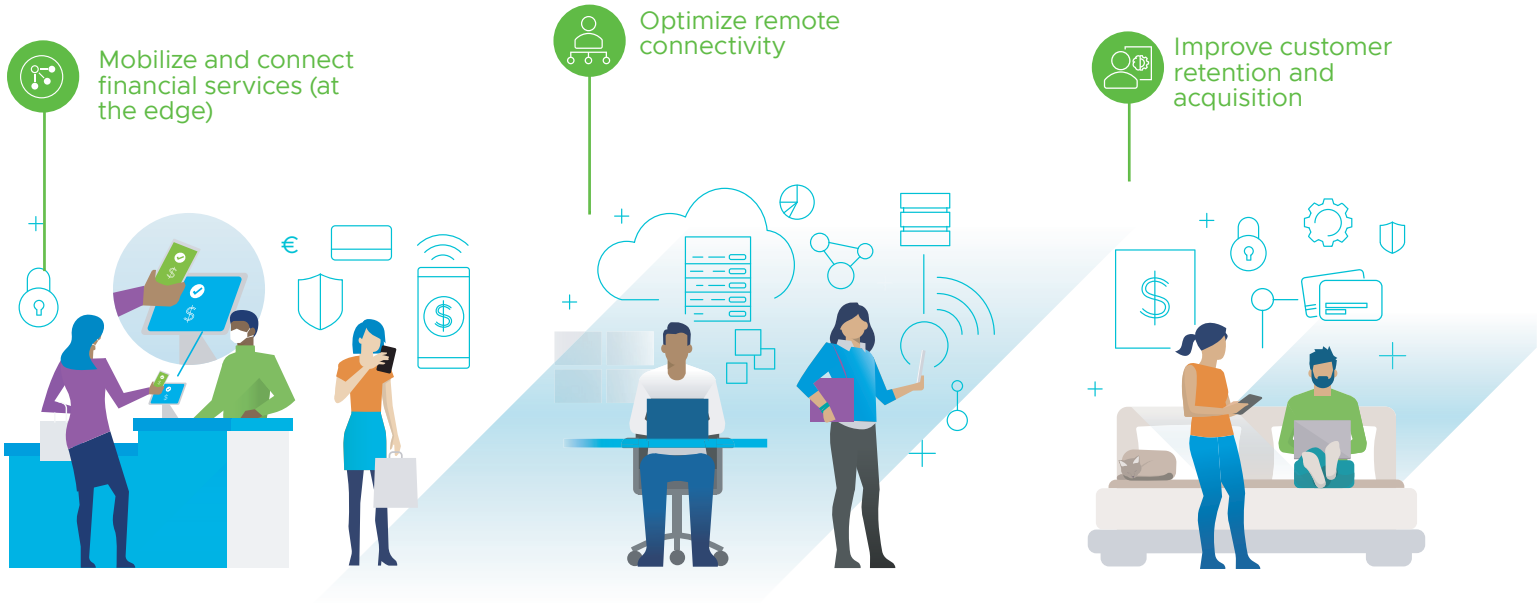
- Standardize IT infrastructure and operations on one digital foundation.
- Automate the entire IT environment to improve IT service delivery, increase efficiency, and minimize risk.

Meet fluctuating demands with cloud adoption

- Enable business continuity and resiliency at scale across operations.
- Seamlessly expand into public cloud to support changing resource demands and deliver uninterrupted service across environments.

Accelerate marketplaces and open banking platforms

- Develop cloud-native apps and services that access robust platform add-ons and APIs to expand digital partnerships and revenue opportunities.
- Deliver integrated banking services at the point of need.



Deliver Exceptional Experiences

Drive value into every customer engagement across devices and platforms and improve the performance and productivity of a distributed financial workforce with VMware Anywhere Workspace and modern application solutions.

Leverage modern application architecture to update the application portfolio, support new employee workflows, and improve the customer experience equally and consistently across mobile, in-person and edge environments.

Mobilize and connect financial services (at the edge)

- Increase the security and reliability of network traffic among remote, branch, and edge environments.
- Simplify branch and edge infrastructure to deliver predictable app performance and improve the employee and customer experience at heterogenous sites.

Optimize remote connectivity

- Enable remote, call center, and branch employees with dynamic, agile, and high-performance work environments.
- Improve the employee experience with secure, seamless access to vital corporate resources, applications, and data from anywhere.

Improve customer retention and acquisition

- Modernize customer-facing applications to personalize and optimize service delivery across in-person and digital channels.
- Establish a successful DevSecOps practice that aligns to evolving user requirements and optimizes for frictionless omnichannel and self-service experiences.

"We are the bank that wants you to live more, bank less. We want to make banking seamless, simple, invisible. To do that, we need to fundamentally rearchitect our infrastructure as well as applications to one of cloud native."

SIEW CHOO SOH, MANAGING DIRECTOR, GROUP HEAD OF BIG DATA/AI AND CONSUMER BANKING TECHNOLOGY, DBS BANK

"We want to constantly improve our effectiveness, agility, and efficiency in protecting the financial and personal data of everyone from U.S. Senate administrative staff to senators and their families. VMware solutions with intrinsic security will allow us to deploy faster, reduce costs, use less space, and better protect our members' personal and financial information."

MARK FOURNIER, CHIEF INFORMATION OFFICER, UNITED STATES SENATE FEDERAL CREDIT UNION

Protect Data and Brand Reputation

The increase in digital banking experiences, devices, and endpoints connecting to the network requires financial organizations to pivot to a Zero-Trust cybersecurity model that better anticipates and manages risks and threats across the entire IT environment.

VMware's unique expertise in infrastructure brings a singularly different lens to cybersecurity and a unique set of interconnected products that leverage existing IT infrastructure and control points in new ways, across any app, cloud, or device, to better identify, prevent, detect, and respond to cyberthreats and anomalies. No other vendor today delivers an integrated security approach that operationalizes Zero Trust across on-premises and cloud environments through infrastructure, application, and user intelligence.

Enable insight-driven risk assessment

- Embrace DevSecOps practices to ensure security is an integrated part of the software lifecycle.
- Leverage AI/ML, analytics, and situational intelligence to expose anomalies and detect fraud across on-premises, cloud, and edge environments.

Secure data, protect and defend against cyberattacks from data center to cloud to the edge

- Protect against cyber threats and safeguard PII across any app, any cloud, and any device.
- Ensure visibility across an increasingly distributed IT infrastructure, and apply consistent security policies across virtual, containerized, and physical workloads.

Streamline compliance

- Detect and respond to vulnerabilities, misconfigurations, and change activity across on-prem, cloud and edge environments.
- Automate policy control checks across compliance frameworks.

Accelerate Digital-First, Customer-First Banking Experiences with VMware

The financial services market is complex and ever-changing, yet one notion remains certain: everyone—from bankers to boomers, tellers to transplants, management to millennials—wants secure access to financial information when, where, and how they want it. Wherever the point of need may be, VMware enables financial institutions to modernize IT infrastructure, applications, and operations to improve the customer and employee experience online, in-person, and everywhere in between. Together, we are transforming IT to safely accelerate digital-first banking experiences while building innovation, agility, and resiliency into the core of the organization.

To learn more, visit vmware.com/go/financialservices.

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