



White paper

Empowering tomorrow's banks through cloud innovation

Unlock cloud-enabled bank transformation with FIS Profile

Financial institutions are steadily moving their services to the cloud as they gain a deeper understanding of the available options and the impact on their modernization, digital and cloud strategies.^{1,2} In this highly regulated industry, a gradual migration roadmap is essential and helps manage compliance requirements, reduces complex risks, and supports the transition from legacy systems.

Cloud migration is an ongoing journey. At FIS®, we have partnered with leading industry players such as Microsoft, Amazon, and Google, learning valuable lessons that enable us to guide our clients safely and effectively through their own transformations. Our mission is to help you maximize the value of your financial technology investments.

As cloud technology continues to advance, financial institutions benefit from greater flexibility, enhanced security, cost efficiency, improved reliability, and robust disaster recovery. By combining these advantages with our proven core banking platforms and deep industry expertise, we deliver world-class banking cloud services on a global scale.

Join us as we leverage the power of FIS technology and the cloud, sharing the challenges we've overcome and the successes we've achieved along the way.

Building a strong partnership for cloud execution

The initial phases of cloud migration have been underway for over a decade. While the appeal of on-demand infrastructure and cost-effective services has driven widespread adoption, challenges related to data sovereignty, security, ownership, and compliance have posed significant barriers. Through sustained efforts, financial technology firms such as FIS—in collaboration with partners, governmental entities, and financial institutions—have played a pivotal role in addressing these challenges. As cloud adoption continues, it is anticipated that the regulatory environment will evolve further, necessitating ongoing adaptation to emerging requirements and regulations.³

Among all the services financial institutions consider moving to the cloud, the core banking platform often generates the greatest concern—and for good reason. Any disruption or loss of this critical system can lead to significant and lasting consequences. Recognizing these risks, we have worked diligently to minimize them and make the transition as seamless and secure as possible.

We've taken the approach of evolving our established and globally-trusted core banking platform, FIS Profile, to a cloud-native solution. Already real-time, API-enabled and event-driven, this evolution was a natural progression. Our primary objectives were to lower costs, expand access to a wider market, and ensure seamless compliance with local regulations.

Partners in the public cloud

Microsoft

We have partnered with Microsoft as a provider of cloud services for many years. Microsoft works closely with governments and financial institutions worldwide to ensure its platform consistently meets or exceeds all local regulatory requirements. Beyond compliance, Microsoft also offers expert guidance on optimizing service operations. By working together, we have continually refined the Profile core to achieve the ideal balance of reliability, performance, and cost-effectiveness.

“Cloud-based core banking applications, like Profile, go to the heart of overall business and operating model modernization that drive improved client experiences and greater efficiency in how a bank operates. Data insights and actions rely on these core capabilities by leveraging cloud-based tools like artificial intelligence to drive modernization.”

–Tyler Pichach

Global Head of Banking Strategy, Microsoft

PwC

To ensure the highest standards for our core banking service in the public cloud, we engaged PwC to conduct a comprehensive audit of Profile's suitability for this deployment model. Leveraging specialized tools to assess the code base, PwC confirmed that Profile is an excellent fit for cloud services, delivering top-tier performance and features among cloud-based software. We view this positive appraisal as a foundation, not a finish line. Our commitment to continuous investment in Profile and cloud technologies ensures the service will keep evolving and advancing.

“PwC is committed to collaborating with FIS to help enhance its global footprint by redefining its landscape in the cloud. With a shared vision of delivering unparalleled innovation and customer-centric solutions, the collaboration helps enable FIS to take the appropriate approach for increasing cloud native capabilities and enhancing their banking solutions.”

–PwC Cloud & Digital

At the core of this collaboration is providing cloud diagnostics services. PwC's experience and holistic analysis of the diagnostic results enable FIS to evaluate existing software infrastructure and select the most suitable cloud solution for its core banking platform. In addition, PwC supports FIS' commitment to modernizing the Profile application by assessing various factors such as security, scalability, performance, and cost-effectiveness, helping make sure that the future state aligns well with the unique needs and requirements of its customers.

Amazon Web Services and Google Cloud Platform

We work closely with Amazon Web Services (AWS) and Google Cloud Platform (GCP) to enable major cloud providers to host Profile as a production service. This collaboration provides greater flexibility in choice, offering hybrid and multi-cloud options that help improve risk management. With exciting opportunities underway with large global banks, Profile is well positioned to support the banking community's transition to a cloud-based environment.

Currently, Profile operates in the cloud across multiple countries for several customers, primarily through an on-premises model that deploys to each financial institution's own public cloud subscription. Moving Profile to the cloud enables these banks to advance their modernization and cloud strategies within relatively short timeframes.

The FIS private cloud

Not all our customers are ready to move directly to the public cloud. Recognizing this, we have developed our own private cloud offering and host production implementations for many of our solutions, including Profile. This provides a lower-risk alternative to public cloud adoption, serving as a gateway that allows FIS to host and validate the platform first, then seamlessly scale to full public cloud adoption when it makes strategic sense.

Over the past several years, concerns about the public cloud have diminished. Customers now seek public cloud-based SaaS solutions and options they can operate in the public cloud, with growing interest in multi-cloud strategies.

FIS Profile: A continuously evolving core

FIS Profile is a modern, real-time, multi-currency deposit and loan core banking system. Its modular design and configurable features are built to meet the unique business and product needs of retail and commercial financial organizations worldwide.

Profile is cloud-based, cloud-enabled and cloud-live. All development and testing of Profile takes place in the cloud. We host banks on Profile across North America, Europe, Latin America and Asia, offering both private and public cloud deployment options—including AWS and Azure, where many FIS core banking clients have already transitioned.

Banks require solutions that deliver dependable, flexible, real-time banking to support their digital ambitions well into the future—without waiting for new features to be built. Profile meets these needs by providing next-generation capabilities today, backed by a proven track record with leading financial institutions worldwide.

Cloud-journey: our progress today

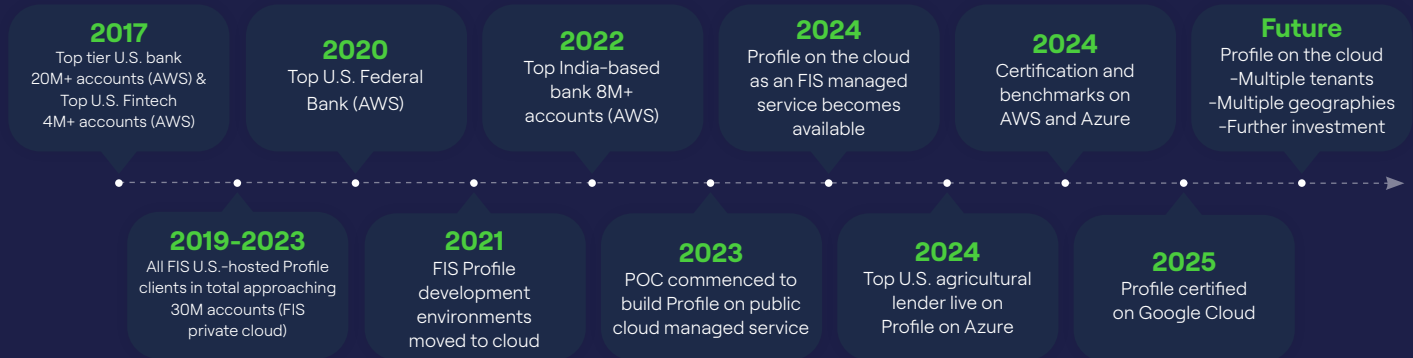
Profile has seen significant adoption worldwide. With several clients already running Profile in the public cloud, particularly across Europe and North America, we're building the first Profile SaaS platform to meet growing market demand in these regions.

Our extensive experience has revealed an unmet need among mid-tier banks: access to a comprehensive, real-time core banking solution at a practical price point. This insight led to the creation of the Profile SaaS offering. By working closely with Microsoft and PwC, and leveraging their expertise and tools, we have tailored Profile to operate as a highly performant and massively scalable cloud-native service. With a core banking platform trusted by many top-tier banks globally, mid-tier banks can now compete more effectively with larger institutions—and even launch neobanks as needed.

Clients are leveraging Profile in the cloud globally



Our cloud journey: Empowering banks & driving innovation



- All Profile development and test environments are cloud-based
- All North America (NA)-hosted clients currently run on FIS private cloud
- Several licensed clients in NA and APAC running on AWS
- 55-60M of the near 400M+ accounts on Profile (globally) in the cloud
- AWS, Azure and Google Cloud certifications and benchmarks successfully completed

Numbers represent current volumes, not volumes at time of move to cloud

- Our first customer, a tier 1 bank in the U.S., launched Profile on AWS in 2017 and has since surpassed 22 million accounts and continues to grow.
- In the same year, a top fintech in the U.S. also launched Profile on AWS and has surpassed 6 million accounts.
- Expanding internationally, we launched our first client outside the U.S. (India) on AWS in 2022 with over 8 million accounts.
- While this was happening, FIS migrated all our hosted clients in the U.S. to our private cloud over the course of three to four years.
- And in 2024, our first U.S. client launched on Azure.
- Most notably, we have certified and benchmarked Profile on all the big three providers – AWS, Azure and Google Cloud – and proved Profile's massive scalability translates onto the public cloud.

Cloud advantages

As FIS deepens its cloud expertise, the advantages become undeniable. In addition to well-known benefits such as scalability, cost efficiency, and streamlined operations, the cloud also reduces infrastructure issues, enables faster online response times, improves batch processing, and accelerates disaster recovery failover.

Looking ahead

As the core banking platform remains central to banking operations, the next phase of cloud evolution is moving toward multi-cloud strategies. Increasing regulatory pressure is prompting banks and their partners to seek ways to mitigate risk. Concerns about relying on a single cloud service provider (CSP)—or the potential impact of a CSP failure on a country's financial system—are leading institutions to diversify across multiple CSPs. The strong partnerships we have established with major CSPs position us well to help financial institutions define and implement effective multi-cloud strategies.

Profile is at the forefront of our multi-cloud journey. We are committed to keeping the banking community informed at every stage as we move forward together. At FIS, we meet you where you are, leveraging decades of expertise and a flexible, composable ecosystem to deliver technology that creates real value. We work to de-risk your transformation, enabling better experiences that drive growth, differentiation and efficiency. Together, we fuse reliability with innovation to architect your banking future.

To learn more, contact us at [FISglobal.com](https://www.fisglobal.com).

FIND YOUR UNLOCK

¹How financial institutions can capture cloud value | McKinsey

²Financial Institutions Need to Pursue Their Own Path to the Cloud (bcg.com)

³More oversight needed for the banking sector's cloud arrangements, say UK regulators (techmonitor.ai)

Money at rest. Money in motion. Money at work.™

FIS Profile sets the foundation for effective money management in the cloud.

Our **technology** powers the global economy across the money lifecycle.

Money at rest

Unlock seamless integration and human-centric digital experiences while ensuring efficiency, stability, and compliance as your business grows.

Money in motion

Unlock liquidity and flow of funds by synchronizing transactions, payment systems, and financial networks without compromising speed or security.

Money at work

Unlock a cohesive financial ecosystem and insights for strategic decisions to expand operations while optimizing performance.

About FIS

FIS is a financial technology company providing solutions to financial institutions, businesses and developers. We unlock financial technology that underpins the world's financial system. Our people are dedicated to advancing the way the world pays, banks and invests, by helping our clients confidently run, grow and protect their businesses. Our expertise comes from decades of experience helping financial institutions and businesses adapt to meet the needs of their customers by harnessing the power that comes when reliability meets innovation in financial technology. Headquartered in Jacksonville, Florida, FIS is a member of the Fortune 500® and the Standard & Poor's 500® Index. To learn more, visit FISglobal.com. Follow FIS on LinkedIn, Facebook and X (@FISglobal).

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