



FIS APPLICATION SERVICES

End-to-end application management and support for FIS and non-FIS products

ARE YOU CLOUD READY?

Embracing a modern, cloud-native application strategy drives efficiencies, reduces costs and provides you with the flexibility and scalability to adapt to rapidly changing business needs.

To stay competitive in today's technology-driven landscape, organizations must develop an application cloud migration strategy involving security, compliance and cost constraints. Cloud migration allows an organization to leverage existing deployments in their private data centers rather than building everything new in the cloud.

The Benefit of an Application Services Partner

With a trusted partner by your side, you can take advantage of the latest application innovations and explore new ways to solve your critical business challenges while relying on your partner to alleviate the pressure and cost of daily application management.

How do I truly modernize my business? What is and isn't ready for the cloud today? Am I using the cloud to its fullest potential? What does it mean to be "cloud-native," and how do I get there?

As a trusted Application Services provider with decades of expertise, FIS® answers those questions and more.

From strategy and planning, to modernization, and all the way through ongoing management, **FIS Application Services** delivers comprehensive support for the entire application lifecycle.

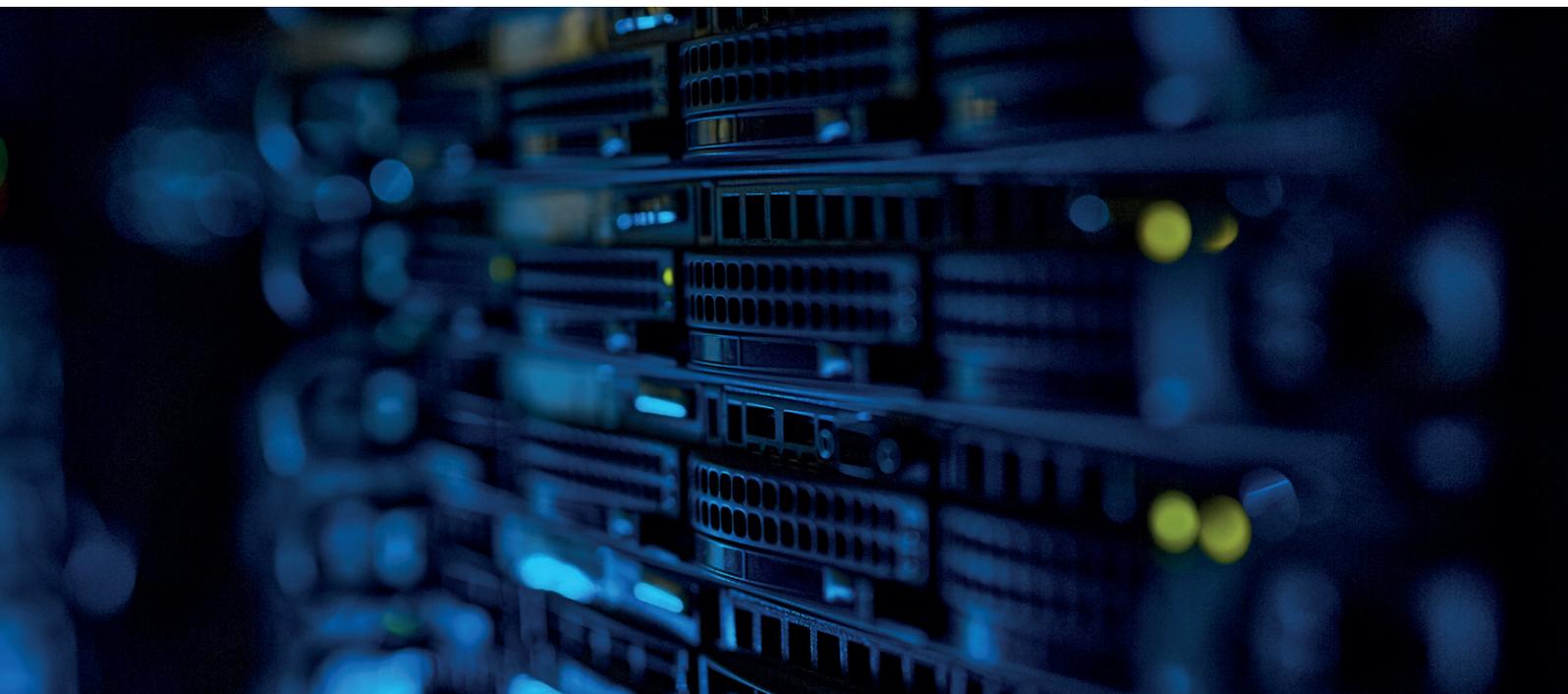
Integrate and modernize your new and legacy applications into flexible, agile architectures that improve performance and drive market growth. Let us help you put market speed and cloud-nativity at the forefront of your business strategy.

APPLICATION SERVICES – MARKET FORCES

Through 2025, **70% of organizations will use service providers** to scale up their efforts to **innovate through digital transformation efforts.** (Gartner)

By 2026, **90% of large organizations** will have **engaged external service providers** to **migrate applications to the cloud**, up from 53% in 2020. (Gartner)

“Companies that have seen the benefits of agile development are now bringing agile thinking to application management and even business operations”
(ISG Provider Lens Next-Gen ADM Services Report)



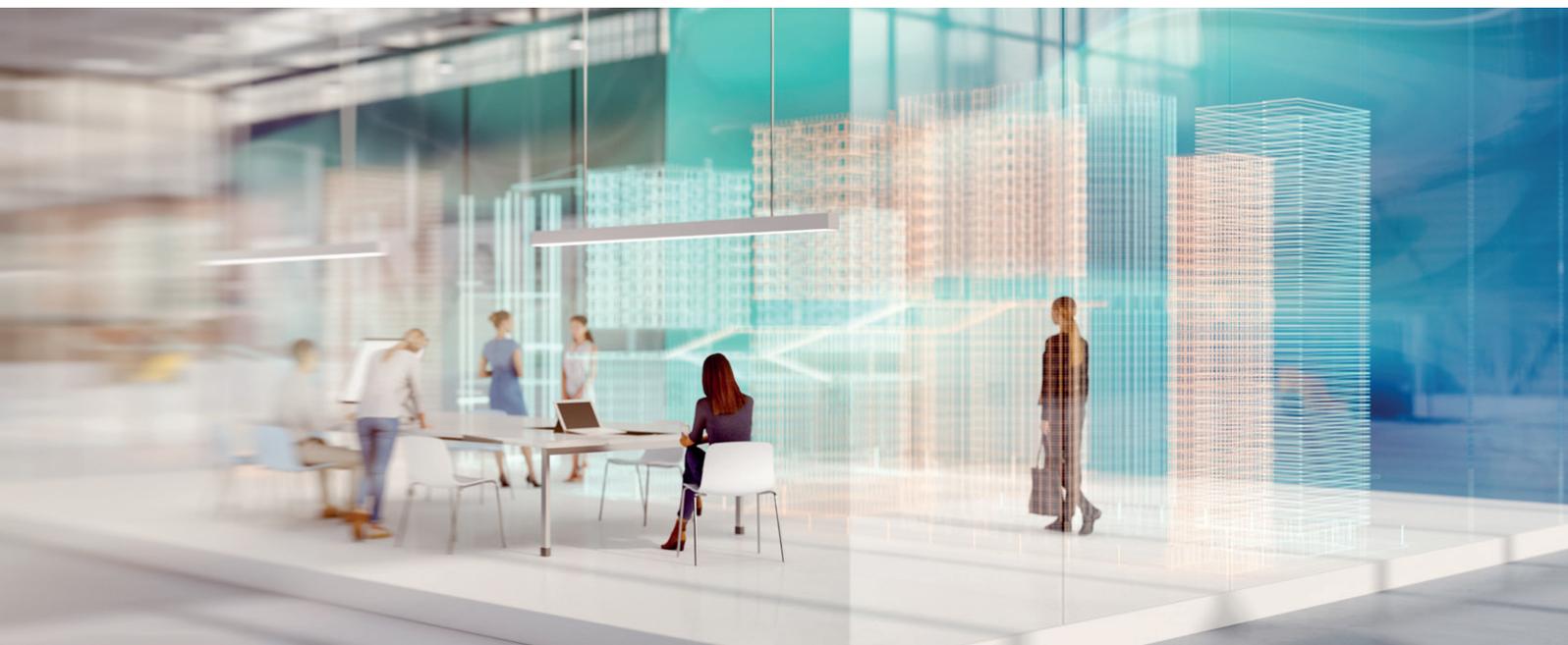
What is FIS Application Services?

As enterprises are looking for a partner that can drive innovation and enable competitive advantage, FIS is answering the call. With more than 50 years of experience developing and maintaining software and providing outsourcing services, we've built over 450 solutions serving more than 20,000 clients in 130 countries.

Accelerate time to value and mitigate risk using our planned approach to successfully integrate new or upgraded software and systems into your existing workflow, whether they be custom-built or provided by a third party.

Utilizing Agile methodologies and a SAFe delivery framework, we provide the full spectrum of end-to-end services for the entire application life cycle:

STRATEGY & PLANNING	APPLICATION MODERNIZATION	DATA ENGINEERING	APPLICATION DEVELOPMENT & MAINTENANCE	SYSTEM INTEGRATION
<p>Digital transformation</p> <ul style="list-style-type: none"> • Application portfolio rationalization • Application portfolio assessment, strategy and roadmap • Cost optimization assessment • Cloud readiness assessment (Platform based custom solution) 	<p>Execute cloud strategy</p> <ul style="list-style-type: none"> • Cloud migration <ul style="list-style-type: none"> – Application driven migration – Modernize as you migrate • Legacy application and mainframe modernization • Automated CI/CD testing for Cloud/API • M&A conversion services (rebadging) 	<p>Data life cycle services</p> <ul style="list-style-type: none"> • Data acquisition/ data warehouse • Database management and security • Business Intelligence center/analytics • Data Insights - reports, dynamic dashboards, analytics • Data re-engineering • Data BI/Analytics training 	<p>Devops driven software engineering</p> <ul style="list-style-type: none"> • Traditional development • Develop in cloud native environments • Data engineering • Automated testing • Production support • Certified consultants/trainers agile framework 	<p>Production support</p> <ul style="list-style-type: none"> • Back-end & API integrations • FIS & non-FIS integrations • Mobile development • Web based development • Automated API testing
<p>Java, .NET, Cloud-native, Full Stack, UI/UX, Web, Mobile</p>				<p>COTS and custom applications</p>
<p>Staff augmentation Project-based SOW Outsourced Managed Service</p>				



Strategy & Planning

Our team of dedicated experts guides you through assessing and defining the best approach to modernize and digitally transform your application portfolio. Our comprehensive consultation services deliver actionable roadmaps that provide simple, seamless and secure direction for your business and your customers.

- Improve ROI with optimized processes leading to enhanced efficiency and productivity
- Gain greater adaptability, scale and responsiveness to market and competitive forces
- Continuously drive innovation into your customers' hands through Continuous Integration/Continuous Delivery (CI/CD) methodologies

Digital Transformation

We have the capabilities, experience and toolset to assist organizations across their entire digital transformation journey. Our staff analyzes custom applications, interfaces and interdependencies to identify the best candidates for modernization and cloud migration with the ultimate goal of providing a comprehensive Transformation Strategy Roadmap.

- Analyze application portfolios' cloud readiness, structural condition, OSS risks, required cloud migration effort and best-fit cloud-native services
- Accelerate application refactoring and modernization with interactive blueprints of the application architecture
- Identify data access and API call patterns, app-to-app dependencies, candidates for framework replacement, decoupling and microservices

Application Modernization

Just because an application can be moved to the cloud, doesn't mean it should be. We accelerate your cloud readiness by determining which applications in your current portfolio are ready for the cloud and which need to be replaced, rebuilt, rearchitected or revised.

- Application-driven migrations that enable you to "modernize as you migrate" and intuitive reporting to make tracking progress a breeze
- Address legacy applications, data and technologies (e.g., COBOL, Cx) to determine best execution activities
- Custom tools and software to build truly automated CI/CD pipelines

Execute the Strategy

Once your strategy is developed, we help you execute to create truly cloud-native operations for your business. Through our customized execution strategies, we:

- Identify and provide recommendations to resolve app-level code blocker patterns that must be removed before migration
- Pinpoint quick wins to migrate based on objective data, not guesswork
- Provide specific recommendations on how to modify apps so they can adopt cloud-native technologies
- Identify frameworks and libraries and their associated dependencies, and determine where they are used within applications and systems

Organizations need new approaches to realize the full potential of the cloud 90%
of enterprises have adopted cloud in some form, but **50%** of cloud migration projects today are stalling or failing
(McKinsey)

Data Engineering

Professional application services for the entirety of your data life cycle. From data acquisition, data management and security to reporting and analytics, we provide the full gambit of services to enhance the value and security of your data.

- Become a data-driven organization with the meaningful, actionable insights needed to make better-informed business decisions, and/or monetize the data through new, innovative services for your customers
- Embedded 'FIS Grade Security' – the same expertise, innovative processes and premier tools that help secure the world's economy are used to protect your data and applications

Data Life Cycle Services

- End-to-end services – we support you across your entire transformation journey and along the entire life cycle of your data
- Full life cycle product development, implementation, and maintenance of applications/products in the data warehouse and Business Intelligence (BI) space
- A dedicated, global team of experts to provide the best possible service

How is Application Development & Maintenance (ADM) changing?

By 2026, developers outside of formal IT departments will account for at least **85%** of the user base for low-code technology/tools, up from **60%** in 2021 (Gartner)

Application Development & Maintenance (ADM)

The FIS team of experts brings an integrated, holistic approach to ADM that recognizes the full application life cycle, spanning greenfield planning, development and deployment, through end-of-life retirement.

- Technology- and vendor-agnostic ADM services – we support all custom and proprietary applications
- Application experts with decades of experience managing application portfolios
- Improve reliability, resiliency, observability and time to market with the latest in automated testing technology

DevOps-driven Software Engineering

Proven, best practice application development and life cycle management services that include both mature application development and maintenance support services for FIS and non-FIS owned applications, mobile apps and more. We bridge the gap between developers and IT operations in a DevOps culture.

- Our services are grounded in key outcomes, as we seek to help clients realize the benefits of a modernized and cloud-native application portfolio, including:
 - Driving business growth
 - Maximizing technology ROI
 - Elevating customer experiences
 - Mobilizing talent
- Proactively monitor and deliver fixes, improve reliability of systems in production and more quickly fix issues and respond to incidents
- Utilize a best practice DevOps CI backlog to enhance application availability, performance, monitoring, testing, resiliency and development standards



Systems Integration

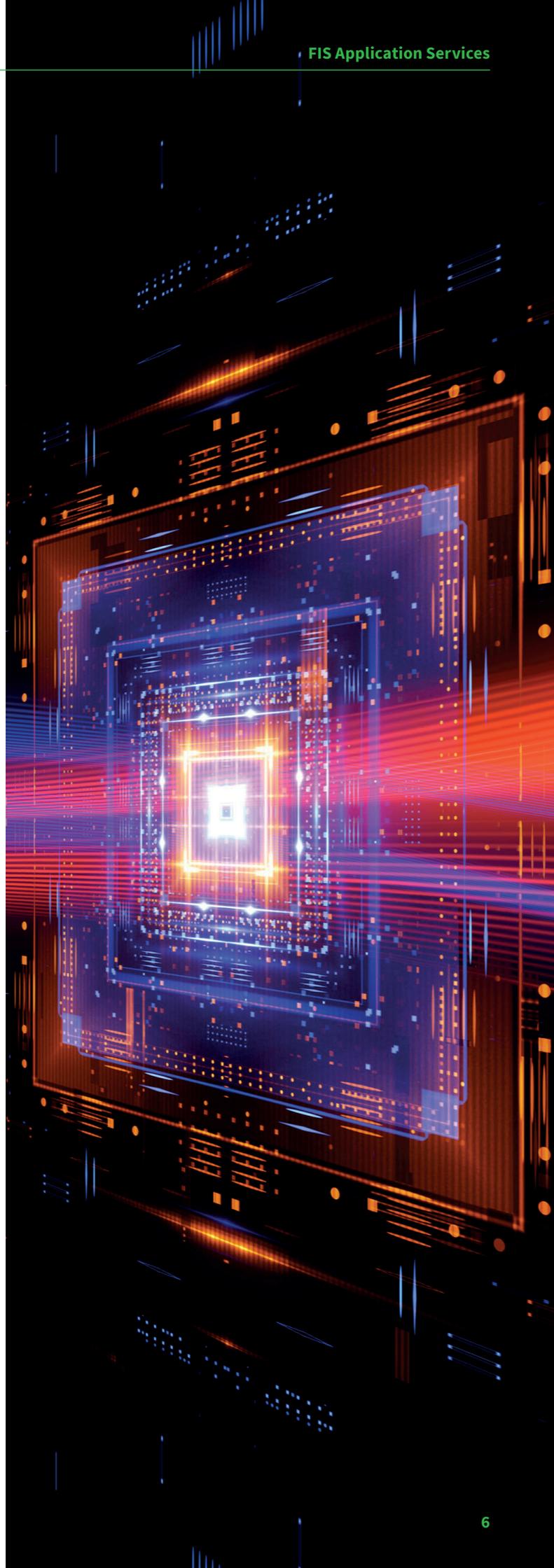
Effective application management isn't just a nice to have. In fact, it's critical to the success of your business. Application complexity, emerging architectures and siloed IT infrastructures bring new challenges and opportunities to application management, especially when your portfolio contains a wide range of application sources and types. We help you integrate legacy applications into new workflows, fix defects and implement minor enhancements, apply and test patches, maintain regulatory compliance and more.

- Add more value to your business with the systems you already have. Using APIs and custom integration, we're able to streamline systems, maximize capabilities and extend functionality

Software Integration

Software integration combines separate or disparate systems into a single, more extensive system that can accommodate ongoing requirements as your business evolves or as you want to provide your customers with new and innovative services or products.

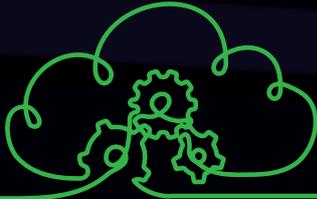
- We have extensive knowledge in APIs, file exports/imports, data translation and transformation, XML, JSON, HL7, third-party tools, EDI and more
- General integrations include:
 - One-way integrations to push or pull information from one system to another
 - Two-way integrations to send information back-and-forth between systems
 - Complex data synchronization for organizations that rely on multiple systems (e.g. Core Banking Platforms, CRM, Accounting and third-party platforms) – connecting all your solutions can exponentially reduce data entry and simplify reporting and accessibility



Why FIS Application Services?

Our decades of application and cloud expertise, expansive global delivery model and best-in-class tools enable FIS to be the only application services partner you'll ever need.

FIS Application Services delivers lower staffing costs, reduced total cost of ownership (TCO), reduction of key staff risk, greater flexibility and efficiency across all application processes and an enhanced end-user experience. We will help accelerate your cloud journey and enable you to unlock the full value of the cloud with cloud-native applications.



Key Benefits

- ✓ FIS is your single point of contact for all application needs – no need to manage multiple vendor relationships
- ✓ A cost efficient and innovative service delivery model with a global team of dedicated experts
- ✓ We can work on one application, a portfolio of applications or an entire enterprise application suite. And regardless, you will see a substantial reduction in your TCO
- ✓ Scaled Agile (SAFe) Gold Transformation Partner with the skillset and experience to help you introduce and adopt agile software development practices
- ✓ Expert guidance and ongoing support across the entire application life cycle from a global team with decades of combined application management experience

Success Stories

One of the industry's leading technology service providers for lenders, servicers and investors was looking for consulting services to modernize their legacy technology. FIS not only helped by lifting and shifting their legacy platform and making it cloud-enabled, but also helped convert services to Software as a Service (SaaS), enabling them to be leveraged by multiple tenants. The new solution assisted the client's internal lines of business with reduced cost of operation and efficiencies and provided a streamlined experience for their end customers and vendors via quicker turnaround and simplified access to essential information.

A large regional bank in the U.S. was struggling with their efficiency ratio. FIS stepped in and implemented our "Fully Managed Service" model for all their proprietary applications and interfaces to FIS core products. The consultation and changes from FIS-enabled economies of scale and full integrated servicing. Not only did this provide a reduced Total Cost of Ownership (TCO) but also enabled the bank to achieve a significant improvement in their efficiency ratio within the first 12 months.

Modernized, cloud-native solutions, increased speed to market, enhanced security and reliability, and reduced ownership cost are all at your fingertips through a partnership with FIS Application Services.



About FIS

FIS is a leading provider of technology solutions for financial institutions and businesses of all sizes and across any industry globally. We enable the movement of commerce by unlocking the financial technology that powers the world's economy. Our employees are dedicated to advancing the way the world pays, banks and invests through our trusted innovation, system performance and flexible architecture. We help our clients use technology in innovative ways to solve business-critical challenges and deliver superior experiences for their customers. Headquartered in Jacksonville, Florida, FIS is a member of the Fortune 500® and the Standard & Poor's 500® Index.

 www.fisglobal.com

 getinfo@fisglobal.com

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