

SentrySM Infrastructure Services

Improve Operational Performance, Scalability, Environmental Security and Stability



There are many important considerations involved in moving business applications to the cloud. Sentry Infrastructure Services from Fiserv enables you to leverage cloud technology in a way that minimizes risk, reduces costs and decreases IT complexity – while maintaining agility to address operational and business requirements.

Leveraging industry-leading best practices, Fiserv provides end-to-end cloud services spanning assessment and migration to cloud-based backup and disaster recovery. Our cloud experts are here to step you through your entire cloud journey.

Is cloud-based technology right for your organization?

Cloud Assessment Services

Fiserv can assess your cloud readiness and help build a strategy that quantifies the benefits in terms of cost, agility, speed and time to market. We can evaluate application dependencies, infrastructure and data readiness for the cloud, then provide recommendations to streamline cloud infrastructure, reducing unnecessary costs and prioritizing next steps so the optimal cloud environment is built to support business needs.

Key Features and Benefits

Complete Technology Assessment

- Application requirements review and dependence mapping
- Right-size resource allocation
- Architecture review
- Security and deployment planning
- Governance modeling

Analysis and Recommendations

- Categorization and grouping of workloads by application dependencies
- Application-level readiness assessment
- Virtual Machine (VM) sizing, modernization opportunities and effort
- Total cost assessment with potential savings

Actionable Deliverables

- Application readiness report
- Server inventory report focused on hardware, operating system and software attributes
- Workload utilization metrics report, cloud readiness summary, optimization report and storage profiling



The Fiserv cloud strategy can help clients in all stages of the adoption curve safely and securely take advantage of scalable, highly automated, resilient and continuously available solutions. Our ability to significantly enhance existing and create new feature-rich, intelligent experiences can accelerate the value you bring to your customers

Once your assessment is complete, you can have the information you need to make confident decisions about how and what to move to the cloud. This may include:

- A comprehensive technology assessment
- Categorized analysis and recommendations
- Detailed application readiness report

Moving to the Cloud – Now what?

Cloud Migration Services

Once you have decided to leverage cloud services for your organization, Fiserv can provide expertise to migrate workloads and applications to your preferred cloud environment. We can help you optimize your infrastructure to improve speed, performance, workload scalability, environmental security and stability.

We can both help you prepare a plan for which applications you should move to the cloud and help you build a roadmap that prioritizes application migration to fit your organizational needs. Our migration services can allow you to:

- Test, provision and scale before deployment
- Increase compliance measures
- Optimize application management
- Maximize asset utilization

Cloud Hosting Services

With decades of experience advising financial institutions and delivering financial technology solutions, Fiserv is proud to offer private, public and hybrid cloud next generation capabilities.

Key Features and Benefits

Increased Compliance and Utilization

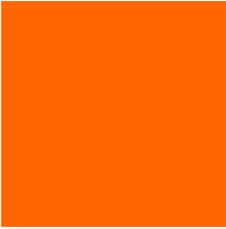
- Address regulatory compliance
- Increase productivity by allowing your IT team to focus on core tasks
- Optimize IT asset utilization
- Discovery and Migration Planning
- Identify components to migrate from on-premises footprint (storage data, web servers, databases, VMs, network, apps and so on)

Dependence Mapping and Network Topology

- Cloud migration strategies – decommission, sustain, lift-and-shift, re-platform, re-architect and new deployment
- Full integration alignment and support
- Orchestration of application components interaction as well as movement during migration

Deployment and Optimization Support

- Architecture and solution design assistance
- Proof of Concepts and provisioning assistance that include dev-test, staging and testing
- Autoscale design and deployment



To compete in the digital age with customer-facing applications to drive growth, banks should accelerate their transition to the cloud. Yet many still lack a cloud strategy or coherent, comprehensive plans for adding cloud applications and infrastructure.

Cloud hosting services can allow you to optimize storage and scale as needed with a pay-as-you-grow model. In addition to controlling costs, cloud hosting can provide instantly enabled backups and enable multifactor authentication with alerts for suspicious online backup activity. Our cloud hosting services can provide the ability to move both Fiserv and non-Fiserv workloads to the cloud. Relying on Fiserv as your cloud partner can give you:

- Autoscaling and elasticity
- Faster response time
- Compliance support and audit responses
- Simplified IT complexities
- Optimized costs
- Minimized downtime

Once your data is in the cloud, how do you keep it safe?

Cloud Backup

An effective backup solution for your data is essential to running your business, particularly in an age of exponential data growth.

Cloud backup can provide customized data retention, making it easier to address your various business needs and retain data to meet compliance requirements.

Cloud backup can be designed as a fully managed, enterprise-grade service that provides continuous offsite backup and restoration of customer data from a secure cloud infrastructure.

Cloud backup can provide complete data protection of critical assets with end-to-end encryption, customized retention capabilities and off-site storage of point-in-time backups, potentially with unlimited backup capacity in the cloud. Backup data can be protected with advanced encryption

Hosting Key Features and Benefits

Flexibility and Agility

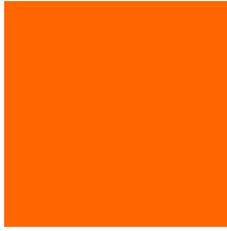
- Ability to scale up and down depending on usage
- Faster go to market services for future application deployments
- High payload applications and services moved to cloud with higher compute power

Reduced Costs

- Usage-based pricing model
- Move from CAPEX to OPEX model with lower compute costs than current
- Lower TCO

Improved Security and Compliance

- Customer and member data removed from on-premise at bank or credit union
- 24/7 monitoring and management



Fiserv is driving innovation in Payments, Processing Services, Risk and Compliance, Customer and Channel Management and Insights and Optimization. Our solutions help clients deliver financial services at the speed of life to enhance the way people live and work today. Visit fiserv.com to learn more.

techniques with copies kept onsite and in the cloud for access by authorized personnel in the event of:

- Accidental file deletion
- Software or file system corruption
- Hardware failure
- Virus or malware attacks

Why choose Fiserv for your cloud needs?

Industry Experience and Domain Knowledge

- Market leader in Banking, Lending Origination Solutions, Financial and Risk Management Solutions, Cards Services, Output Solutions, Electronic Payments, Biller Solutions and Digital Channels
- Experience in providing 24x7 Managed Services to over 35+ financial institutions

Flexible Engagement Models

- Scalable, cost-effective, 24x7 support
- Pay-as-you-use cost plans
- Project based staffing
- Flexible commercial terms

Agile Framework

- Shift to agile development methodologies
- Deploy new app features faster by provisioning infrastructure on-demand

Backup Key Features and Benefits

Reduce Costs

- No need for tape management or an offsite location
- Cost-effective short- and long-term retention
- Optimize storage and scale as needed with a pay-as-you-grow model

Improve Efficiency and Agility

- Simplify offsite data management with automated replication to cloud repositories
- Restore individual files, folders and entire machines
- Minimize network impacts with built-in compression and deduplication

Improve Security and Compliance

- Implement end-to-end data encryption

Connect With Us

For more information about Sentry Infrastructure Services, call 800-872-7882, email getsolutions@fiserv.com or visit fiserv.com.



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