

Savana Modernizes Digital Mortgage Systems with Hostway's Hyper-V Private Cloud

SOX Security and Compliance Needs Also Drove New Solution with Hostway



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TODD PIANO

Senior Vice President of Product Technology

Savana, the industry's first automated digital mortgage lending platform, choose Hostway's Hyper-V private cloud to modernize the IT infrastructure that supports its nGage platform. Savana, whose moto is "Technology that Transforms", offers an end-to-end solution—the nGage Platform—for mortgage banking and payment providers. The platform has factory-like, repeatable, scalable processes so lenders can process more loans, faster, easier, better and more securely.

THE CHALLENGE

The challenge with fast loan processing is the need to keep up with the equally fast- and ever-changing requirements in the financial sector that ensure compliance and security. The Sarbanes–Oxley Act of 2002 (SOX), a U.S. federal law that expanded the way financial information is governed, kick-started the closer scrutiny on companies dealing with financial information. However, the digital age and the way information is shared now means companies must constantly audit their systems to ensure client data is protected.

To meet its promise to its customers, Savana maintains an infrastructure that's flexible and scalable enough to stay in line with the security and compliance their customers expect and is required by law. Ultimately they decided to consolidate more than 100 test and development physical and virtual servers with Hostway.

Prior to finding Hostway, Savana had been using a large global technology provider that serves the financial services industry for hosting n-Gage. However, after running into issues with the cost of consuming their previous vendor's product via a SaaS model, sharing compute resources with other customers, and compliance concerns they turned to Hostway to architect a solution that could save them money, exceed their customer's expectations, and keep them agile. Savana wanted to partner with a managed hosting provider that provided them scalability but also dedicated compute resources that are not shared with other customers. Furthermore, they desired the ability to adopt the latest in DevOps principles, and also architect a dedicated private cloud platform they could work in development and testing, before moving their workloads to production.

TEST AND DEVELOPMENT AS THE FIRST LINE OF DEFENSE

Savana turned to Hostway to consolidate and modernize their test and development environment by architecting a solution based on Hyper-V, Microsoft's hypervisor platform. Hostway implemented a Hyper-V failover cluster, a group of independent computers that work together to provide a high-availability resource that can easily scale for Savana's multiple server workloads.

“We needed the most trusted security solution in the industry to ensure we meet the service level agreements we have with our clients,” said

Todd Piano, senior vice president of product technology at Savana. “Hostway has given us the flexibility we need to adopt the best of breed security solutions and quickly adapt to all the latest regulatory requirements.”

After assessing Savana’s requirements and needs, Hostway recommended and built a **three-tier architecture using multiple dedicated load-balanced web servers, databases, and workflow engines on a Hyper-V private cloud.**

This provided the smoothest transition for Savana because they didn’t have to migrate to an unfamiliar public cloud environment that would cause a plethora of risks at this stage. It also allowed them to leverage the industry’s most modern hardware, software and service offerings, along with the in-depth expertise that Hostway brings. This all combined to ensure Savana’s solutions feature high availability for failover and are fully redundant. This availability and redundancy are passed on to the wide range of third-party services that integrate into Savana’s banking and mortgage product offering suites.

This testing platform was so successful that Savana decided to proceed with a full-blown production environment based on Hostway’s private cloud solution.

ROLLING OUT THE PRODUCTION SOLUTION

After upgrading their test and development environment, Savana determined that the service, professionalism, and pricing they received made Hostway an obvious choice as the provider to enhance their production environment as well.

“Hostway delivered a rock solid platform, consultation and ongoing management that made our lives much easier,” said Piano. “It was an incredibly easy decision to stay with them as the provider for our production environment in addition to test and development, especially because Hostway provides excellent expertise on server cluster creation and management.”

The primary design requirements were security, compliance, and uptime. Savana’s financial technology solutions require the highest level of security and data standards given its customers are banking, financial and mortgage companies, and Hostway was able to over-deliver and exceed expectations.

On top of creating a successful test and development platform and then implementing a production environment, Hostway worked with Savana to ensure rapid spin up-of resources measured in hours, rather than weeks as was the case with their prior environment.

“We bring our banking and mortgage solutions to market faster because of the flexibility and support Hostway provides us,” said Piano. “Hostway helps us respond quickly to these constantly changing requirements so our customers can trust that they’re always in compliance with the latest regulations.”

INNOVATION NEVER STOPS

Just like the development of Savana’s financial solutions and platforms, Hostway’s cloud hosting solutions are never quite “done.” There will always be problems that need solving, new and exciting technology that increases the levels of security and decreases dependencies. Working with innovative companies like Savana allows Hostway to grow and push its solutions engineers and infrastructure further—to seeing positive results with the help of the right people and services.

Hostway is the world’s most trusted managed compliant hosting provider, delivering managed cloud infrastructure and application hosting solutions for software companies including healthcare, SaaS, and e-commerce focused organizations. Just like we helped Savana, we specialize in hosting mission-critical software and finding the optimal solutions for our partners. Our teams of engineers in North America, Europe, and Asia deliver reliable, secure and scalable private cloud, managed cloud and hybrid cloud hosting solutions to thousands of customers across ten geographically diverse SSAE 16 and ISO 27001 data centers around the world while ensuring strict compliance such as PCI, and HIPAA. At Hostway, every customer interaction is treated as an opportunity to develop a long-term relationship based on trust. Visit <http://hostway.com> for more information.

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