

## CUSTOMER STORY

# How RSI Eliminated Noise, Addressed Shadow Infrastructures, and Ensured Compliance Excellence

Founded in 2012, Rush Street Interactive (RSI) supports some of the most recognized brands in online gaming, including BetRivers, PlaySugarHouse, and RushBet. From online casino games and social gaming to sports betting, RSI delivers to audiences around the world.

With a focus on leveraging cutting-edge technology and delivering exceptional customer service, Rush Street Interactive has rapidly grown its footprint in the competitive online gambling space. The company's commitment to responsible gaming and regulatory compliance underscores its dedication to maintaining the highest standards of integrity and player protection.

**RUSH STREET**  
INTERACTIVE**INDUSTRY**

Online Gaming and Sports Entertainment

**CHALLENGES**

- Significant noise in vulnerability scans
- Time-consuming open source tooling
- Strict regulations around cloud security

**OUTCOMES**

- Moved entire infrastructure from on-premises to the cloud
- Efficiently handle vulnerabilities
- Gained complete visibility into cloud infrastructure

## CHALLENGES

## Moving Into Unfamiliar Territory

As part of an ongoing initiative to modernize its infrastructure, RSI undertook the transition of several of its production services.

"I talked to a lot of people specializing in Kubernetes security," said the Infrastructure Security Engineer at RSI. "The common thread I found was that security monitoring for a Kubernetes environment is a huge undertaking, even with in-house knowledge. We decided that it would be far better to find a security partner with the expertise to help us."

## Prioritize What Matters

Although not within the initial scope of RSI's Kubernetes project, the company recognized that they'd also need a vulnerability management solution. They'd need a more efficient way to differentiate between medium, high, and critical vulnerabilities, and low-impact vulnerabilities so that the team could prioritize handling the vulnerabilities accordingly.

"We needed a way to reduce that noise and prioritize vulnerabilities," said Olga Daminova, Senior Security Engineer at RSI.



Context is only valuable if you can act on it. Sysdig enhances our cloud security processes to the extent that we can take decisive action. Without Sysdig, we estimate that we would need to at least double the size of our security team."

**Olga Daminova**  
Senior Security Engineer,  
Rush Street Interactive

# SOLUTIONS

## End-to-End Cloud Security

Within six weeks of partnering with Sysdig, RSI successfully deployed the **Sysdig Platform** as its cloud-native application protection platform (CNAPP), providing container and workload threat detection and vulnerability management. They also adopted Sysdig's **cloud security posture management** (CSPM). Since then, RSI's focus has broadened beyond Kubernetes, including leveraging Sysdig for **cloud detection and response** (CDR).

The company's Kubernetes developers have integrated Sysdig into its development pipeline, and the database and DevOps teams have shown interest in the solution as well.

"In the past year, we've expanded Sysdig's coverage to all of our production environments," the Infrastructure Security Engineer said. "It has made an impact not just on the infrastructure team, but teams across the organization. We can now identify and assess vulnerabilities in various production environments, and so much more. That's been incredibly valuable for us."



"Without Sysdig, it would be far more complicated to get the information we need. The solution provides us with a single pane of glass, giving us complete visibility into the state of our infrastructure."

**Olga Daminova**  
Senior Security Engineer, Rush Street Interactive

## SOLUTIONS

## Identify, Prioritize, Protect

With Sysdig, RSI's Infrastructure Security team can now quickly identify and prioritize vulnerabilities more efficiently. The platform's Risk View feature has also helped them nearly eliminate the noise from vulnerability scans, allowing them to instantly see if a vulnerability is in use and which resources are exposed.

"I like that Sysdig can correlate different events and vulnerabilities in one place," Daminova said. "Of course, context is only valuable if you can act on it," she explained. "Sysdig enhances our cloud security processes to the extent that we can take decisive action. Without Sysdig, we estimate that we would need to at least double the size of our Infrastructure Security team."

RSI now promptly addresses vulnerabilities, prioritizing them based on their criticality.

"We've had instances where we identified vulnerabilities that require immediate attention and remediation, like those within the SSH protocol," she continued.

### Sysdig Threat Research Team Uncovers SSH-Snake

SSH-Snake is an open source pen testing tool that attackers can use to map networks and collect SSH credentials. The malicious use of this self-modifying worm was originally discovered by the Sysdig Threat Research Team.

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## SOLUTIONS

## Complete Visibility in One Dashboard

In addition to security, RSI also uses Sysdig to monitor everything from usage and roles to users and events, all from a single dashboard thanks to the platform's ability to ingest and correlate logs.

"Without Sysdig, it would be far more complicated to get the information we need," Daminova said. "The solution provides us with a single pane of glass, giving us complete visibility into the state of our infrastructure."

"Without Sysdig, we wouldn't even know what we don't know," Daminova added. "We'd have no insight into what problems we need to address. But with Sysdig, all the information is right there in a single dashboard."

## Meeting Compliance Needs

Sysdig also supports RSI's compliance efforts, with the platform's results factored into audits.

"We get requests from various stakeholders asking for specific evidence to support compliance audits," Daminova said. "Sysdig has made it much easier for us to provide that evidence quickly."

“

Covering every aspect of security monitoring in a Kubernetes environment is extremely challenging and time-consuming. Sysdig packages it all really nicely. We started using Sysdig and then we could focus on other things."

**Infrastructure Security Engineer**  
Rush Street Interactive

## Building a Lasting Partnership

The support from the Sysdig team has been immensely valuable to RSI, with the company finding the team both responsive to feature requests and attuned to its needs.

“Sysdig’s support team always responds quickly and professionally,” Daminova said.

Bolstered by this strong partnership, RSI is making ambitious plans for future use of Sysdig’s solutions. They intend to increase automation in their scans, and add image and security scanning for GitHub to streamline compliance at multiple levels. They are also keen on further automating security incident response.

Another major request is for expanded reporting, as more non-engineers within RSI have started expressing interest in Sysdig.

“Overall, Sysdig has been exceptional to work with,” she concluded. “The way they listen to and engage with us makes it clear they genuinely care about solving our challenges.”

To learn more about RSI, visit [rushstreetinteractive.com](https://rushstreetinteractive.com).



### INDUSTRY

Online Gaming and Sports Entertainment

### INFRASTRUCTURE

Amazon Web Services (AWS)

### ORCHESTRATION

Amazon EKS

### SOLUTION

Sysdig Secure

## About Sysdig

In the cloud, every second counts. Attacks unfold in minutes and security teams must protect the business without slowing it down. Sysdig, named Customers’ Choice in Gartner® “Voice of the Customer” report for Cloud-Native Application Protection Platforms (CNAPPs), stops cloud attacks in seconds and instantly detects changes in risk with real-time insights and open source Falco. Sysdig Sage™, the industry’s first AI cloud security analyst, uplevels human response and enables security, developers, and DevOps to work together, faster. By correlating signals across cloud workloads, identities, and services, Sysdig uncovers hidden attack paths and prioritizes real risk. From prevention to defense, Sysdig helps enterprises focus on what matters: innovation.

**Sysdig. Secure Every Second.**

To learn more about Sysdig, visit [sysdig.com](https://sysdig.com).

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