

Sysdig

6 Tales About Successfully Moving Containers Into Production.

CUSTOMER STORIES



Sysdig, at the heart of agility.

It's no secret that data is the lifeblood of companies everywhere. The software you build to interact with customers, help employees work smarter, and process your own information is the secret sauce that makes what you do special. And that's all built on data.

At Sysdig, data is more than our lifeblood, it's at the heart of what we do. By unlocking a new, untapped data source at the heart of every application, Sysdig radically simplifies the way companies can secure, monitor, and optimize their own software.

In the next few pages you will hear from customers across industries and across the globe as they detail how Sysdig improved their own businesses.

Let's go.

Sysdig

MICROSERVICES ON KUBERNETES A Top 3 Cable Company. **SYSDIG CUSTOMER STORIES** | 3

THIS IS YOUR DVR, ON KUBERNETES.

This cable company is one of the nation's largest video, high-speed internet, and phone providers to residential customers. The company was betting its future on moving all DVR capabilities to their private clouds across dozens of data centers.

The team involved decided to move to a containerized, Kubernetes-based microservices architecture because of scalability limitations of their legacy approach. This re-architecture would:

- Modernize revenue-critical services across the company.
- Increase developer velocity to add additional customer services.
- Reduce the risk of stability, security, and capacity issues.

The combination of ContainerVision instrumentation, powerful analytical capabilities at scale, and native Kubernetes integration made Sysdig the choice obvious for monitoring their new services.



"We depend on Sysdig to give us visibility into our Kubernetes services on tens of thousands of hosts. Sysdig was able to pinpoint a hidden low-level linux IPtables problem through its unique intelligence model."



The world's largest networking equipment maker was building a container-as-a-service platform to make its 30k+ developers faster, more agile and more productive. This platform will eventually be deployed across 50+ data centers around the world.

The company had invested heavily in legacy application performance management (APM) tools, so that was the default option. The company also took an exhaustive look at the open source options available on the market, including Prometheus and Grafana, and decided that the best option to monitor containers was Sysdig, due to our data collection, our teams-based access control, and the ability for Sysdig to effectively support the roll out of their new platform.



"Sysdig has the best approach to serve both our platform operations team and our developers. It integrates deeply into our CaaS offering to make us all faster and more productive."



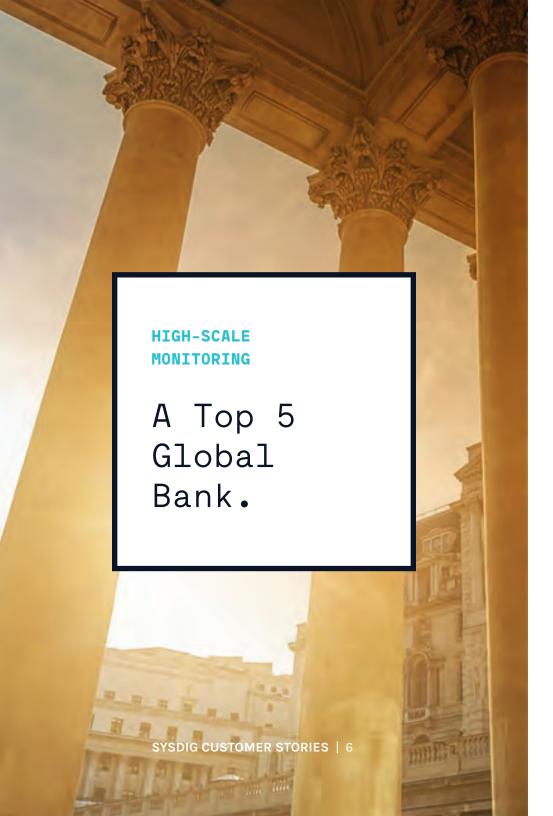
One of the top Financial Media companies in the world heavily relies on their own software to deliver their services. One revenue-critical internal service is Search, built on top of Apache Solr. The company wanted to migrate this service to Kubernetes to deliver more feature updates more quickly.

Given the nature of their applications, Java monitoring was critical Sysdig was the only solution that allowed them to get JMX metrics from within containers with full metadata enrichment, whereas most other monitoring solutions could not look inside the container.

While the company has a rich history of building custom tooling, The company's search team researched Sysdig's depth of data, flexibility, and native Kubernetes integration and decided Sysdig was more effective than building it themselves.



"When we saw Sysdig's capabilities for containers, Kubernetes, and our Java custom metrics, we knew we wanted to use it across all our services. Search is just the start."



What do you do when you need to monitor 100,000 hosts down to process, port, protocol, and cgroup? Typically you have to build and maintain something that just barely scrapes the surface of your requirements.

This firm is a Top 5 global investment banking, securities and investment management firm that provides a wide range of financial services to financial institutions, governments and individuals.

They had a development team working for 3 years to create a scalable, reliable, in-depth system to gain real-time intelligence into their software. The challenge proved to be daunting.

Through an intensive, multi-month evaluation process, they discovered that Sysdig was able to accomplish these tasks.

This allowed the development team to refocus on more strategic, revenue-generating efforts while Sysdig delivered the monitoring, troubleshooting, and performance analytics capabilities they needed.



"Sysdig delivered a robust monitoring solution for our 100,000+ hosts.
We'd been trying to build this ourselves for 3 years, but couldn't.
Sysdig saved us those resources and gave us what we needed."



The company is a worldwide entertainment company with massive reach and heavily diversified offerings - running on their own software. The company operates in four business segments: Media Networks, Parks and Resorts, Movie Studios, and Consumer Products & Interactive Media.

The platform operations team was at the intersection of two strategic initiatives: moving to Google Cloud and moving to Kubernetes. The Platform Ops team provides tooling and management for the underlying Kubernetes infrastructure where their internal customers (game development, movie rendering, animation, and more) are deploying their websites.

They chose Sysdig because our native visibility into Kubernetes, out-of-the-box application and statsd metrics collection, and teams-based access control.



"Sysdig combines impressive depth of data with powerful management features. Sysdig Teams greatly reduces our management overhead of servicing dozens of different customers running on Kubernetes in Google Cloud."



How do you keep your government agencies moving quickly in the age of shifting borders, trade wars, and Brexit? As part of this government's transformation effort, applications are being migrated to a Kubernetes container-as-a-service development platform. Applications are being rewritten into microservice architectures for faster, more decoupled development.

In fact, every time that you are at the airport here (one of the global top 10 by traffic), Sysdig is working behind the scenes to make sure those passport scanners are running and secure.

They chose Sysdig because of our Kubernetes integration, our non-invasive method of examining containers, and our ability to provide both Security and Monitoring.

One powerful example is that within the day of deployment, Sysdig Secure found an internal, non-authorized process (outside of a container even!) that was hogging resources.



"Sysdig is our platform of choice for monitoring and securing our critical services on Kubernetes. Because of Sysdig we understand the performance, bottlenecks, and security profiles of our systems - that lowers the risk of downtime or intrusions."

SECURING KUBERNETES A Top Solar Leasing Provider. SYSDIG CUSTOMER STORIES | 9

This solar provider leases to homeowners, reducing the initial capital outlay required by the homeowner. The company is responsible for installation, maintenance, monitoring and repairs.

Their business model demands that they provide simple, elegant interfaces to partners and customers with data available on-demand. As a result of this and their accelerating development model, they moved their applications to Kubernetes in AWS.

Sysdig provides them security and monitoring across all their applications. The unified agent meant less host resources consumed, and the consistent UIs enabled users to accomplish more, faster.



"Sysdig was a huge win for both security and monitoring. A single agent is saving us 5-10% of our resource cost per host. And the consistent UIs mean we can use the tools more effectively, saving us time and resources."

