

INTELEMAGE

a customer case study



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- John Danner, CTO & Co-Founder

Intelimage at a Glance

Industry: Technology/Healthcare

Company size: Fewer than 50 employees

Founded: 2007

Customers: 4,000

Servers: 30

Products: Piston OpenStack, Silicon Mechanics, Arista

The Piston OpenStack Solution Provides:

- ▶ Time to deploy and provide services to customers reduced by 90%
- ▶ 99% of cloud orchestration tasks automated
- ▶ On premise private cloud security
- ▶ Visibility into underlying cloud hardware



About Intelimage

Intelimage is the global leader in medical image sharing solutions. Intelimage's flagship platform, intelGRID, is currently in use in over 65 countries spanning more than 4,000 locations. Since 2007, Intelimage has been the hub between medical devices and pharmaceutical companies, physicians, hospitals, and research centers providing real-time medical image access and collaboration.

The Problem

Prior to implementing Piston OpenStack, Intelimage had a mix of dedicated Linux servers and VMware ESXi servers, on which they deployed their virtual machines. One of the problems Intelimage faced was extreme lag time to provision and launch as a result of having to manually install IT resources every time they deployed a new service.

As their customer base grew, Intelimage recognized a need to replace their VMware ESXi environment with a more scalable, automated and secure infrastructure that could better support their growth.

The Solution

Intelimage needed a solution that was secure and could scale-out easily. The company already had a storage platform that could scale-out easily and wanted to replicate that solution in their datacenter environment. To this end, they identified the OpenStack cloud platform as a way to achieve their goals while avoiding the proprietary features and functionality that come with vendor lock-in.

Before making a final decision, Intelimage evaluated several vendors, including Ubuntu Cloud, newer VMware solutions and Piston OpenStack. VMware's solutions were eliminated in favor of a more open solution, and while the Ubuntu Cloud sounded interesting, it lacked many of the key features needed to run their Infrastructure-as-a-Service.

Ultimately, Intelimage chose Piston because of the team's

OpenStack expertise and the product's security, scalability and automation.

The Benefits

Once Intelimage had the hardware in place, the company was able to install Piston OpenStack with relative ease with Danner noting that, "the initial setup was straightforward and the team at Piston was more than helpful in answering any questions we had when setting up the configuration for our platform."

Since implementing Piston OpenStack, Intelimage has saved several hours on its deployment activities, which has increased engineering productivity. Prior to Piston, Intelimage spent too much time building servers, applying patches, and doing other deployment-related exercises. With Piston OpenStack, Intelimage is able to automate all build-out and deployment activities, taking deployment times down to seconds.

As a result, Intelimage can get new services up and running more quickly, add capacity faster and respond to requests sooner, in an easier, more straightforward and structured way.

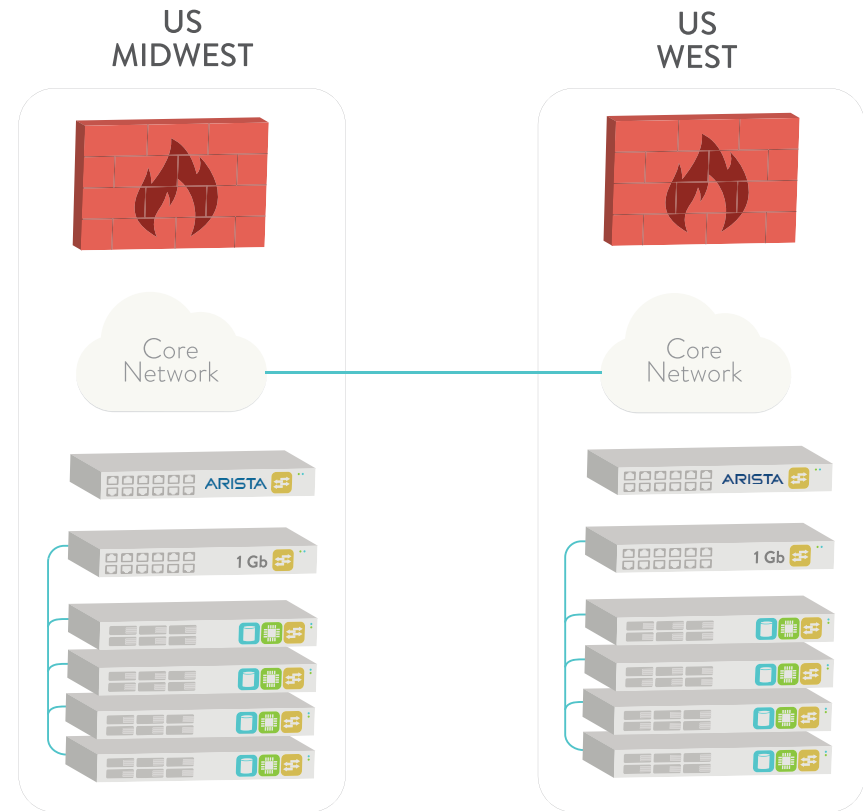
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Moving forward, Intelimage expects that these benefits will help the company expand usage on its platform as they grow their business, which is critical to their success.

Lasting Impact

When Intelimage looks at taking its offering to the next level and expanding its business, the company will build on Piston OpenStack so savings can be locked in. Danner noted, “We selected Piston for our global private cloud because of our need to maintain a secure and reliable environment. Additionally, by utilizing Piston, Intelimage has the capacity and the platform needed to securely deliver our current and future services in an efficient and reliable way, which is really where we want to be.”



Intelimage's Deployment Model