PRIVATE CLOUD DEVOPS

The company, through its subsidiaries, provides satellite TV to approximately 14 million subscribers. With more than $15 billion is revenue, this Fortune 250 company employs approximately 18,000 people in the U.S.

CHALLENGE

The company is in the pay TV industry, which is both highly competitive and currently undergoing disruption due to "cord cutting" and competition from Internet-delivered content. Therefore, its business has shifted from a traditional telecommunications culture to more of a digital/technology-driven culture. The company now competes for eyeballs on content with Internet giants and traditional cable and satellite TV providers.

As a result, the company is pursuing a transformation of their IT department towards a DevOps delivery model. The goal is to create better customer experiences online, get products out the door faster, and innovate with tighter feedback loops. The challenge is to make the necessary changes to people, process, and technology in a large, siloed IT department without disrupting significant legacy technology, business processes, and regulatory compliance components.

SOLUTION

To enable the company's DevOps goals, Kovarus is working with them on multiple capabilities:

- Most importantly, implementing a private cloud IaaS, which includes a self-service portal, service catalog of company-specific infrastructure stack provisioning, and chargeback/showback.

- Developing end-to-end infrastructure orchestration/automation, including integrations with F5, Solarwinds IPAM, EMC storage, and other key components in the company's enterprise architecture.

- IT operations business process automation though integration with ServiceNow ITSM and CMDB.

- DevOps continuous delivery through integration with Jenkins and Chef.

"Kovarus is a strategic partner for us in our DevOps transformation, helping us map out our IaaS strategy and sort out how to implement our continuous delivery pipeline."

— IT Director

SUMMARY

Challenge

- *Help protect the company from the threat of streaming affecting the entire pay TV industry*

- *Create a better customer experience online and get products released quicker*

- *Make the IT department changes without disrupting required technology and regulatory compliance*

Solution

- *Built a private cloud framework for infrastructure consistency plus chargeback to help manage costs*

- *Integrated new systems with legacy company enterprise architecture*

- *Implemented IT operations business process automation*

- *Instilled development and testing teams with DevOps best practices*

Key Business Benefits

- *Leverage off-the-shelf technology, decreasing burden on development resources*

- *Infrastructure provisioning changes happen in minutes instead of weeks*

- *Quicker and more comprehensive tests, creating shorter release cycles*

- *Infrastructure automation has driven consistency in hardware, software, and OS configurations*

- *Development teams are more agile and able to innovate faster*

O KOVARUS

Integrated IT Expertise

COMPONENTS

Hardware

- *F5*
- *EMC*

Software

- *Solarwinds IPAM*
- *ServiceNow ITSM*
- *CMDB*
- *Jenkins*
- *Chef*
- *VMware vRealize Automation*
- *VMware vRealize Orchestrator*
- *VMware vRealize Business*

KEY BUSINESS BENEFITS

- The company is able to leverage off-the-shelf technology for their IaaS components so they can concentrate their development resources on business functionality rather than infrastructure.

- Infrastructure provisioning has moved from lead times of weeks to minutes.

- Software quality assurance has been increased by enabling faster and more numerous deployment cycles.

- Infrastructure automation has driven consistency in hardware, software, and OS configurations.

- Development teams are more agile and able to innovate faster.

About Kovarus

Kovarus helps businesses transform their IT operations into a modern cloud. We work with our clients to create Business Aligned IT Solutions™ by simplifying their IT operations and leveraging the Kovarus Cloud Enablement Framework to effectively deliver applications and services.

Kovarus has helped some of the greatest companies in the world transform their IT Operations. With an extensive array of elite technical certifications and credentials, leading technology partners continually recognize Kovarus for its commitment to excellence and its focus on delivering exceptional customer service.

KOVARUS

Integrated IT Expertise