

## CASE STUDY

# RDA SYSTEMS NEEDED TO RAPIDLY MIGRATE SERVERS TO A NEW CLOUD

With their current cloud provider about to cease operations, RDA quickly needed to find a new Cloud provider and a method to efficiently migrate their workloads, with minimal downtime, to prevent a system-wide shut down

## OVERVIEW

RDA Systems, provides powerful ERP software for the public sector across the US. They were using a private cloud for all their production infrastructure, when they received notification that their current cloud provider was shutting down. This presented an urgent problem as they needed to find a new cloud service provider and move all existing workloads to this new environment quickly. RDA Systems discussed their situation with their technology solutions provider, Redapt Inc., who recommended a combined solution using Google Cloud Platform and Sureline Systems' Migration software. Sureline was chosen as a solution based on the cutover timing and ability to replicate data behind the scenes allowing for production systems to run.

## BUSINESS CHALLENGE

The RDA Systems' requirements included having to migrate all of their Linux based workloads, as well as meeting a very tight time window. A deadline with minimal downtime was essential to the success of the project. If all servers were not migrated by shutdown date, then RDA Systems and their customers would be subject to an entire system shut down. Redapt with the assistance of Sureline needed to develop an efficient and transparent process to meet the requirements.



*Sureline was able to replicate the data without impacting production servers and then provide a quick cutover so that RDA customers were able to continue using the ERP software. Sureline's support team was exceptionally good at ensuring we had a solid plan and that everything was configured properly"*

– Cloud Solutions Architect  
Redapt Inc.

## THE SOLUTION

While considering all the major public cloud providers for the new target infrastructure, RDA did a cost analysis and found GCP to be the most cost effective cloud solution. Hence they chose the Google Cloud Platform (GCP) to run their workloads. A key consideration in evaluating migration solutions was the ability to automate the migration process without impacting production servers during the move. Sureline, a premier Google Cloud technology partner was the ideal solution to solve the problem in the required time frame.

Sureline's SUREedge® Migrator has the capability to automatically migrate a wide variety of operating systems and versions from a wide variety of source environments, including physical servers, virtual environments, and Clouds. With its rapid cutover and WAN throttling capabilities the workloads were moved to Google Cloud with no impact on production operations.

## RESULT

Despite the tight schedule of the project, Redapt with the help of Sureline was able to complete a 100% successful migration of 130 Linux servers a full week prior to the deadline. Redapt continues to work closely with Sureline to provide Migration and Disaster Recovery solutions to its customers.

## COMPANY SPOTLIGHT

Redapt is an end-to-end technology solutions provider bringing clarity to a dynamic technical environment. They help you navigate through challenges and obstacles to accelerate growth. Their expertise spans from datacenter infrastructure to cloud implementations, and they bring the knowledge and industry experience in all practice areas. Constant change means businesses must learn to leverage emerging technologies to maintain competitive advantage.

## HIGHLIGHTS

- Migrated 130 servers to Google Cloud
- Completed 1 week ahead of schedule

## BENEFITS

- Transparent process of migration
- Virtually no impact on customers
- Increase in performance for migrated workloads

## ABOUT SURELINE

Sureline enables business agility and productivity, with cloud migration and disaster recovery of any virtual or physical server at the push of a button. Sureline's patented, award winning SUREedge® enterprise-class software solutions deliver application mobility that is secure, reliable and efficient and is key to enabling transitions to public and private clouds, and a myriad of other transformative architectures. Sureline partners with industry leaders including AWS, Azure, Google Cloud Platform, Nutanix, and Oracle. Sureline is headquartered in San Jose, CA., and its products and services are available through a global network of VARs and technology service providers.

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