



# AWS Managed Services Case Study

## Well-Architecting and Managing your Application on AWS with Cloudnexus



### About The Agricultural Risk Consulting Group

The Agricultural Risk Consulting Group LLC is a commodity consulting firm specializing in managing the risks inherent in production agriculture. Their philosophy is that risk should be managed by creating a consistent strategy to deal with the inevitable uncertainty of today's volatile markets. The ARC Group's goal is to have a plan in place that minimizes risk and maximizes profit over the long term.

#### THE CHALLENGE

The challenges and goals ARC were faced with in dealing with sensitive, critical data for their clients, security is of the highest priority. Not only ensuring that ARC's platform is secure, but also the AWS infrastructure is designed to top standards. Reliability for dealing with recovering from failures or an outage needed to be examined. Lastly, cost became a concern as over time it continued to rise. ARC's cost objectives were not being met and a complete review needed to be conducted.

#### THE SOLUTION

The challenges and goals ARC were faced with, aligned directly with the combination of Cloudnexus's Managed Service offerings and the AWS Well-Architected Framework. Immediately upon engagement Cloudnexus an in-depth review was conducted. All five pillars were closely examined and a plan for remediation was put into place. The plan consisted of three phases, addressing the critical issues first, then addressing areas of improvement, followed by the implementation of Cloudnexus's managed services.

#### THE BENEFITS

##### Enhanced Security

Implemented a plan to protect ARC's client data and environment from possible threats.

##### Improved Reliability

Enhanced networking, caching and backup automation to meet aggressive RTO's and RPO's.

##### Optimization

Cost controls in place, with increased performance utilizing additionally AWS native offerings.

#### ABOUT CLOUDNEXA AND AWS

Cloudnexus is a born in the cloud organization dedicated to helping clients achieve their business and IT objectives utilizing AWS.

Whether you are looking to enhance business functionality in the cloud or to safeguard your data, we have you covered. We offer a range of solutions varying from optimizing cloud computing to implementing cloud backup and migration. Explore our cloud management services precisely constructed to drive digital progression and enhance performance for your business platform on AWS.

#### NEXT STEPS

To learn more about how AWS and Cloudnexus can help your business, visit [www.cloudnexus.com](http://www.cloudnexus.com)