

# internet services

System Source has consulted on cloud services since 1995. We manage projects using a single point of contact and accountability for planning, bandwidth, procurement, installation, management and training.

## Amazon Web Services (AWS)

### The Department of the Interior Federal Credit Union (DOIFCU)

The Department of the Interior Federal Credit Union (DOIFCU) engaged System Source to migrate their data center from on-premise to cloud-based Infrastructure as a Service (IaaS) using Amazon Web Services (AWS).



The prior on-premises infrastructure was complex, aging, limited in capacity & ability to backup, difficult to maintain and rigid in its ability to meet future needs:

#### The new Amazon Web Services solution:

- **Reduced Risk by:**
  - a. Replacing aging hardware and software backup systems for reliable backup and recovery.
  - b. Utilizing cloud capabilities to recover if necessary in a geographically different (Western United States) data center.
- **Improved Flexibility/Innovation by:**
  - a. Simplifying the infrastructure and user access by using cloud technologies to replace on premises hardware.
  - b. Providing an innovative infrastructure using cloud technologies to easily grow or accommodate changing needs of customers and staff.
- **Constrained costs by:**
  - a. Converting capex investments in physical infrastructure to a predictable operational expense for infrastructure using the cloud pay-as-you-go model instead of paying for anticipated needs.

To assist DOIFCU in achieving their goals, System Source used a phased adoption of AWS cloud technology to minimize risk.

#### Migrating to the AWS cloud allowed the DOIFCU to:

- Provide maximum value to their customers by reducing resources focused on IT infrastructure.
- Eliminate the constraint of physical hardware as cloud-based infrastructure enables the DOIFCU to be more agile in adopting new technologies. At the same time, the cloud provides flexibility for usage peaks.
- Mitigate risks associated with disasters in the Mid-Atlantic region. The AWS platform transfers data, cost effectively and easily, to geographically dispersed data centers.

The key differentiators of this solution compared to further on-premise investment or other cloud solutions are cost, flexibility, risk reduction and capability.