

## CASE STUDY – ChicagOne

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### PROBLEM STATEMENT

The ChicagOne's wanted to access their workstation devices from any corner of the world which provides them with agility, flexibility cost of shipping laptops, flexibility to access their system regardless of the device they work on and allows access to their private data from any device once authenticated. The challenge was to provide easy access to data and application for their day to day tasks. Also they wanted to launch their new ChicagOne's internal website on Cloud using Modern architecture and ease of release recycle.

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### SOLUTION HIGHLIGHTS

We proposed a solution to move forward with AWS Windows Workspaces for the virtual workstation requirement. Also deployed the client's application on EC2 instances which can be only accessed from the workspace.

- We setup a private VPC with appropriate security group, route tables and NACL configurations for access to application from Workspaces only.
- Deployed the Client's application on EC2 which sits behind the Application Load Balancer with appropriate Target Group.
- Launched AWS Workspaces as per requirement
- Configured Cloudwatch and CloudTrail for logging activities of application and API action on account.

### About ChicagOne



EST. 1994

### Industry:

ChicagOne manufactures and distributes rolling shutters throughout North America & the Caribbean.

### Challenges:

ChicagOne required their Ingenious client application to be deployed privately so that it can be only accessed from the internal workspaces which are deployed for them. The challenge was to setup a private VPC for their application which sits behind the Load Balancer for proper traffic distribution which will allow to launch the workspaces in same VPC so that all access remains within the network which fulfill their security requirement.

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### WHY AWS

Secure, Low Cost and reliable work environment and application deployment for the company can be implemented using the services provided by AWS. AWS offers various services that can solve the issue of desktop virtualization and keep the cost of infrastructure in check. Various services that could help this use case are:

- AWS Workspaces with pay as you go pricing and less charges compared to on-prem infrastructure.
- AWS VPC, EC2 and Load Balancer allow secure access of Client’s application.
- Provides the logging functionality for all activity going on application and API actions in AWS account using CloudWatch and CloudTrail.

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### WHY customer selected ScaleCapacity, Inc.

ChicagOne chose ScaleCapacity, Inc. as we have experience in building Virtual Workstations and deploying Web application for multiple customers in past, following AWS Best Practices. ScaleCapacity, Inc. has experience engineers who are Solutions Architect associate and professional certified which gives them edge over other companies. Also with expertise in implementing Well Architected and cost effective solution best fits the requirements of the customer. ScaleCapacity, Inc. helps startups to implement solution with their low budget and reduce time to Market.

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### RESULTS

Setting up a virtual workstation allowed seamless access to their application and also secured the whole architecture and data in a private VPC with ease to keep track of all activities going on using logs. ChicagOne is running live with their highly available internal websites and application which improved their application security and reduced the infrastructure cost by about 55%.

#### About Partner



ScaleCapacity, Inc. is AWS Advanced Consulting Partner and experienced in providing AWS consulting services related to various client needs, which includes (but not limited to) setting up AWS environments, migrating to AWS, provide well-architected AWS solutions. ScaleCapacity, Inc. has well defined processes to carry out client’s strategy for delivering solutions on AWS cloud.

# Chicagone

