CLOUD COST OPTIMIZATION – MIGRATION OF INFOR ERP ACROSS AWS REGIONS

CCS technologies

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ABOUT CLIENT

Client is one of the largest producers of spice oils and extracts in the world. They needed CCS to help them improve the performance of their applications and improve the security of the same.

BUSINESS NEED

The client had Infor as their ERP system. They wanted to host the ERP on the cloud (AWS), but their existing vendor mismanaged the Infor ERP implementation and ran into sub-optimal deployment of the same. CCS was brought in to create a well architected AWS cloud infrastructure as per the standards recommended by Infor ERP, to optimize the cloud hosting cost, security and performance.
Requirement specifications: -

- Legal aspects to retain old account without any modification.
- Department/Practice wise billing using multiple AWS accounts.
- Re-implementation of ERP landscape.
- Restrict application access from known networks.
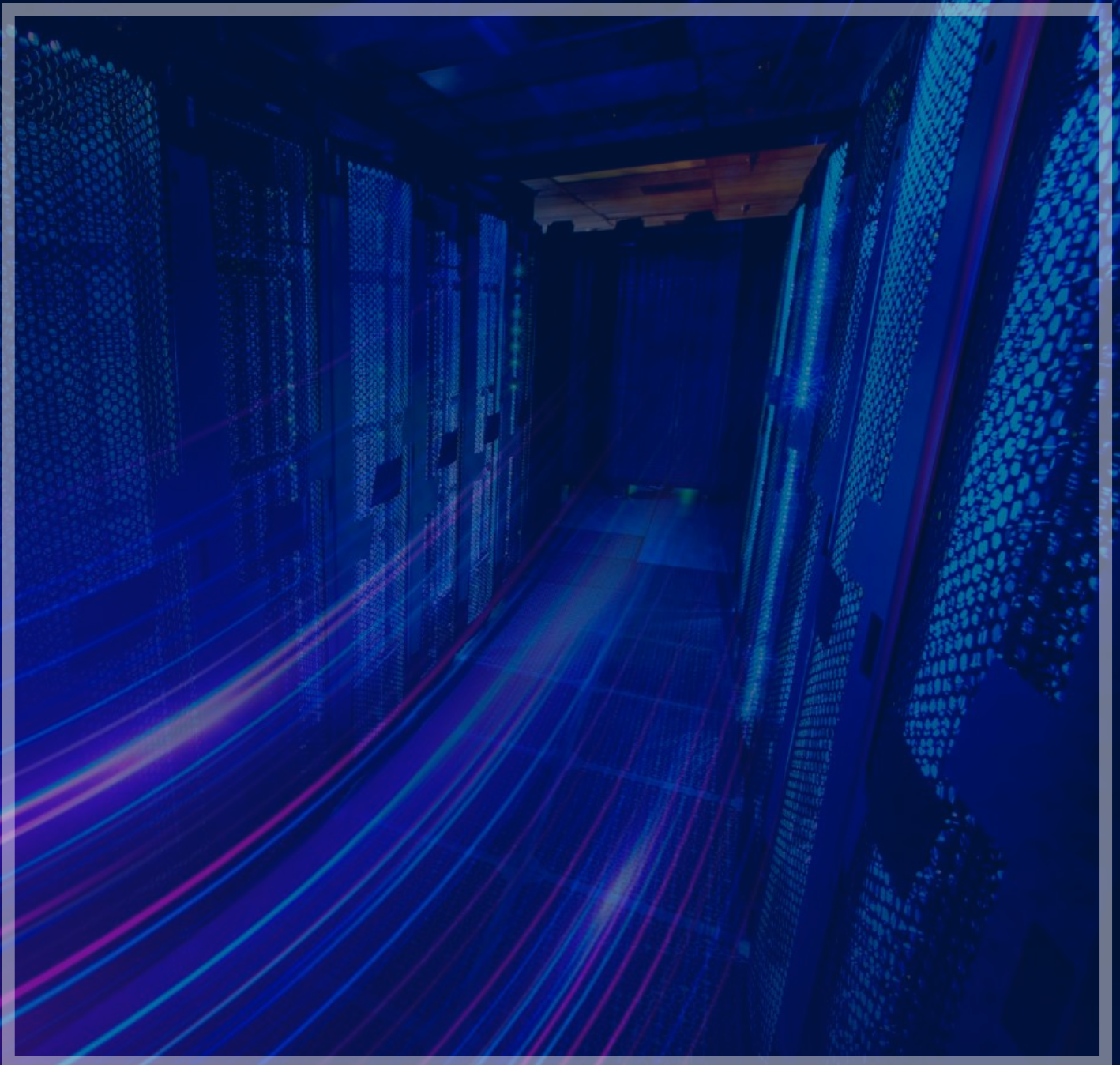
CCS SOLUTION

- CCS Engineers recommended resource migration and ERP modifications after expert analysis of the client's requirements.
- Migrated from an old AWS account to new AWS Compute and S3 Storage Resources.
- Seamless migration to the new AWS Account to restart the ERP implementation within 5 business days.
- Right-sized and provisioned optimal resources based on workloads.
- Implemented best practices for securing the ERP access using EC2 Security Groups, NAT Gateway, Site to Site VPN and SSL VPN.
- Automated the MSSQL Backups to S3 Buckets using AWS IAM Roles.
- Set up proper backup and retention of EC2 Instances using AWS Lambda.

BUSINESS BENEFITS

- Seamless migration to the new AWS Account and rapid re-implementation of Infor ERP, helped the client resume business operations 70% faster than anticipated.

- 50% improvement in the ERP performance as a result of cloud optimization.
- Changed the EC2 Instance series to lower the monthly cloud cost by about 15%.
- Provided automation capabilities to scale up and down in line with business needs.
- 30% faster deployment of new ERP features and upgrades.
- Ensured compliance with cloud security standards as mentioned by the client.
- No additional investment in setting up automated backup and cold DR solution.

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