



Sigma Móvil is a technology company that offers mobile digital marketing and communication services to the business sector, to facilitate the construction and maintenance of customer databases as well as to advance relational mobile marketing campaigns, using Email, SMS, Call Blasting, WhatsApp Business, Forms and Surveys.

Cloud Challenge

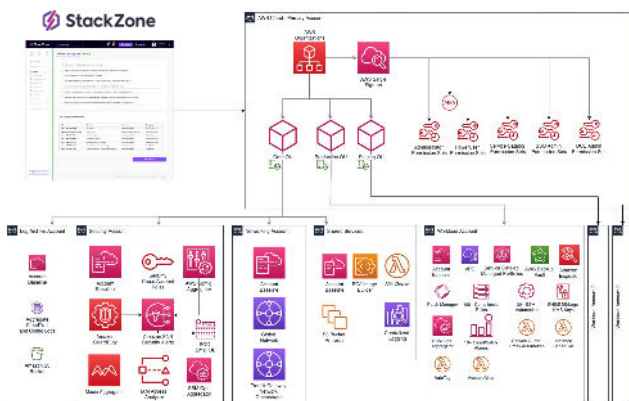
As a fast growing company, **Sigma Móvil** needed to ensure their AWS cloud infrastructure was developed correctly according best practices ensuring performance, cost optimization, reliability and mainly security. Being able to manage more than 30 billion data points for their customers, and doing so in a secure cloud environment was a challenge they were not able to achieve without hiring an AWS expert or relying on an expert team. This is why they contacted nubeGo to go through a Well Architected Review and begin their best practices implementation journey.

StackZone Engagement

Sigma Móvil decided to adopt **StackZone** to address some of the High Risk Items identified on the Well Architected Review with special focus in the Security pillar. **StackZone** deployed a Well Architected Framework complaint landingzone with 6 accounts in less than 48 hours to logically separate by workload and enable AWS SSO to split the monolithic AWS account into micro accounts. In addition to this **StackZone** built automation around identity and access control, security monitoring by implementing cloudwatch alerts, AWS Config rules and self healing by implementing config rules auto-remediations.

Tools Used

- The entire **StackZone** solution is based on AWS CloudFormation, including but not limited to creating new accounts, deploying IdP for SSO, creating IAM Policies and using Service Catalog with Add-On Solutions. A set of core accounts are created and SCP Organizations are applied to OUs depending on the customer choice. In addition to CloudFormation, the solution uses AWS Lambda, Step Functions, CodePipeline and CodeBuild.
- The solution is deployed in multiple regions depending on the customer's choice.
- From a security perspective, more than 150 AWS Config rules are applied to every account and aggregated into the security account.
- The **StackZone** solution can help save time by automating the set-up of an environment for running secure and scalable workloads while implementing an initial security baseline through the creation of core accounts and resources. It also provides a baseline environment to get started with a multi-account architecture, identity and access management, governance, data security, network design, and logging.



Realised Benefits

Sigma Móvil adopted **StackZone** not only for their need of deploying a Best Practice compliant environment in hours, but because they needed an automated and simple cloud management tool that allows them to manage their AWS workload with no need to add a cloud expert to the team. That is why they opted for a Cloud Managed Service combining **StackZone's** cloud management platform with its Cost Control and AWS Helpdesk addons, ensuring they have simple control of their AWS infrastructure and expert support whenever they need it.

Do you want to take your cloud to **next level?**

Contact Us



Working with **StackZone** has allowed us to focus on developing amazing products. That is what we good at, while **StackZone** constantly keeps improving your cloud environment. This has become incredibly valuable to us particularly in terms of cloud security since our more valuable asset is our data.

Sergio Bonilla Otoyá, General Director

