



The Weir Group is a Scottish multinational engineering company that creates innovative, smart, efficient, and sustainable engineering solutions for the minerals and mining technology markets.

Cloud Challenge

The Weir Group needed to migrate their 2,000+ VMs in 10+ data centers across the globe, managed by 1,200 IT staff distributed in multiple internal organizations on-prem infrastructure, to the AWS public cloud. Their main goals were to ensure security, cloud governance, compliance monitoring, ongoing cost efficiency, and enabling teams to self-serve. All while achieving ROI in less than six months.

StackZone Engagement

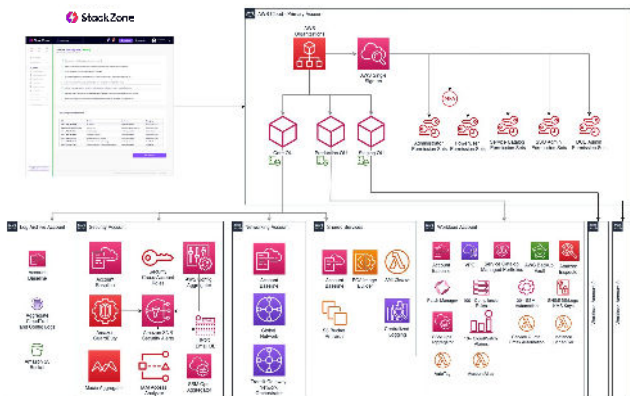
The Weir Group decided to adopt StackZone to create a compliant, secure, and simple-to-administrate multi-account environment to migrate their on-prem infrastructure to the AWS public cloud. StackZone deployed a Well Architected Framework compliant environment for The Weir Group to migrate their workloads. StackZone's automations deployed 15 AWS accounts (5 core accounts and 10 workload accounts), 10000+ AWS Config Rules and autoremediations, 150 Amazon Cloudwatch alarms, connected 8 regions and 50+ VPCs, a compliance service catalog, an account vending machine, etc. in less than 48 hours; achieving 85% compliance against the AWS Well Architected Framework cloud best practices. This allowed The Weir Group to confidently migrate their infrastructure into an AWS secure, compliant, monitored, and optimized environment.

Tools Used

- The entire StackZone solution is based on AWS native services, including but not limited to creating new accounts, deploying IdP for SSO, creating IAM Policies, and using AWS Service Catalog as Add-On Solutions. A set of core accounts are created and Service Control Policies are applied to Organizational Units depending on the customer's choice. In addition, 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, StackZone deploys and configures services such as Amazon GuardDuty, Amazon Macie, more than 200 AWS Config rules, more than 55 auto remediation rules, etc. that are applied to every account and regions creating an aggregated view into the security account.
- StackZone provides a simple and user-friendly web console that helps cloud administrators manage, monitor, and setup their cloud governance and optimize cloud costs.

Realised Benefits

The Weir Group adopted StackZone, ensuring their cloud environment was as secure and compliant as they needed while ensuring their team's self-service and minimizing implementation times. By building a Cloud Enterprise Framework through StackZone, The Weir Group ensured this was done through automation, minimizing human errors, reducing implementation times to a fraction of a traditional manual deployment and configuration project, guaranteeing compliance on new accounts, ensuring their team can simply manage their new environment, and reducing implementation costs substantially.



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

Try Now

“With AWS we have the flexibility to scale and be more agile, what would take us 12 months to deploy, now with a Landing Zone can be done in a few minutes.”

Steven McDevitt, Global Director of Infrastructure Services

