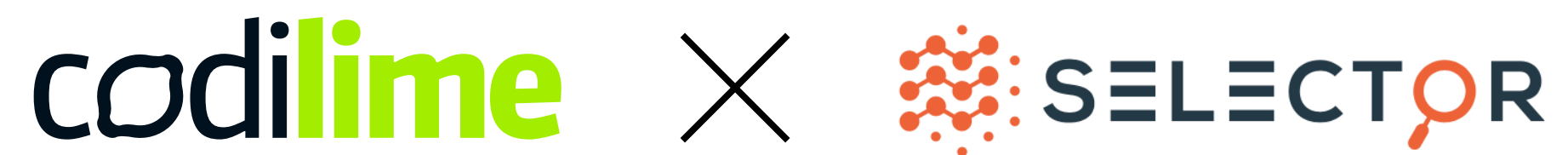


# Selector Software

## case study

### Adopting platform engineering to improve the development process

Selector Software is a software company that provides an AIOps platform for operational intelligence. Selector Software's analytics solution provides instant, actionable insights for companies managing their network and application infrastructures. It can help improve network performance and minimize costly downtime by reducing the time it takes to identify, detect, and resolve network issues.



# Challenge



CodiLime's team set out to improve the development processes to make them more reliable and easier to replicate. While the current procedures were functional, we recognized the need for greater robustness, especially for complex tasks. To address this, CodiLime's experts introduced a more structured framework to ensure consistency.

At the same time, the team also focused on strengthening the infrastructure management to better protect against digital vulnerabilities. One of the priorities was to ensure the security of the environment.



# Services we provided

To meet our partner's business and project needs, we provided them with the **following services**:

DevOps

1

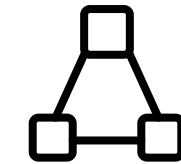
Platform engineering

2



# Results & benefits

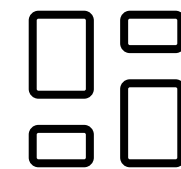
More reliable application builds.



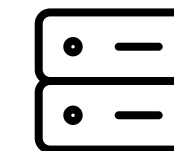
Easier installation and upgrade process for the developed application.



Easy and reliable infrastructure management with tools like Jenkins and Terraform.



Application prepared for deployment in public clouds running Kubernetes Engine.



# Client's testimonial



CodiLime's exceptional expertise in DevOps, encompassing network engineering and software development, played a pivotal role in successfully creating and deploying our operational intelligence platform for digital infrastructure. The seamless communication, innovative thinking, and unwavering reliability exhibited by CodiLime truly elevated our collaboration to new heights, making them an invaluable partner in our DevOps journey.

**Rudra Rukke**  
VP of Engineering - Selector Software, Inc.



# The scope of the project



The project scope contained an array of steps to optimize processes, bolster security, and attain critical certifications. The goals were:

- **Pipelines for automated build, test and deployment processes.** This involved refining existing workflows to ensure seamless integration, quick validation, and efficient deployment of code changes.
- **Preparing application for deployment in public clouds using Kubernetes Engine with the necessary tools and scenarios.**



# The scope of the project



We facilitated deployment in various environments like:

- Main public cloud providers (GCP, AWS).
- Self-hosted and various private cloud setups.
- Implementing **automated backup-restore procedures** for deployments.
- **Design and implementation of a secure continuous delivery mechanism for customers.** This mechanism aimed to fortify the entire deployment life cycle, ensuring the integrity and confidentiality of code as it traversed the various stages.
- **Providing tools for infrastructure management** located in public clouds like GCP, AWS, Azure and IBM Cloud.
- Cooperation with customers to pass SoC and ISO27001 certification.



# The scope of the project



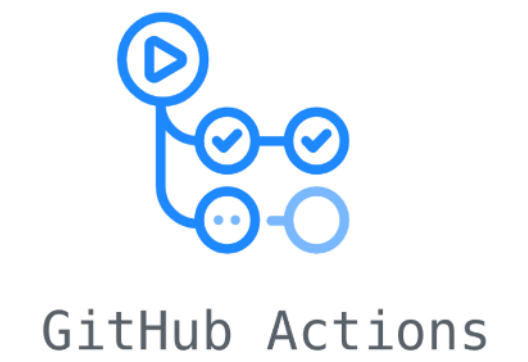
Overall, our goal was to simplify workflows, augment efficiency, reduce complexities, and empower the team to work more effectively.

Each aspect of the project scope intertwined to create a comprehensive strategy – through the above actions, we sought to meet immediate challenges. We laid the groundwork for a resilient, secure, and future-ready digital ecosystem.





# Technologies and tools



# About CodiLime

**codilime**

Since 2011, CodiLime has been the engineering partner of choice for semiconductor companies, networking services, telecom services, and software solution providers.

We have come a long way – from a startup to a company that hires more than 350 top-notch software developers, network engineers, DevOps experts, and solution architects. **We focus on five N.E.E.D.S. - Networks, Equipment, Environment, Data and Security.**

We aim to link engineering talent with business domain expertise. Everything to provide our clients with delivery excellence and custom-tailored solutions.

Check out what our partners have said about us and how they evaluated our cooperation.

[Visit About Us page](#)

