

Company Overview

CodeNOW is a turn-key Platform as a Service (PaaS) solution that simplifies multi-cloud development by offering a pre-integrated set of open-source technologies. It covers governance and management of the entire Software Development Life Cycle (SDLC) and allows developers to focus on writing business logic rather than learning how to automate cloud infrastructure. This is made possible through the use of readymade technology scaffolders and CI/CD pipelines.

The platform offers strong Role-Based Access Control (RBAC), enabling companies to organize developers into various teams, which can be on-site or remote. Deployment options include major cloud providers such as Google Cloud Platform (GCP), Amazon Web Services (AWS), Microsoft Azure, and Digital Ocean. Additionally, CodeNOW can operate on-premises using VMWare Tanzu or Openstack.

By utilizing CodeNOW, companies can experience several benefits:

- **Improved topline:** Continuous delivery and faster time to market enable businesses to capitalize on new opportunities more quickly, which can lead to increased revenue.
- **Improved bottom line:** CodeNOW eliminates the need for additional cloud engineering or DevOps expenses, allowing businesses to save on operational costs when developing cloud native software
- **Improved digital transformation velocity**

In summary, CodeNOW provides a powerful and flexible solution for application / microservice development at any cloud, allowing companies to streamline their SDLC and achieve a competitive edge in the market.

Common use cases:

- Increase visibility of software development (where the money goes) to higher management
- Leverage existing development workforce without costly re-skilling
- Introduce technical prerequisites needed for continuous delivery
- Improve developer productivity
- Avoid costs caused by hiring expensive DevOps / Platform Ops staff
- Simplify multi vendor delivery environment
- Gain visibility & control over software delivery teams
- Streamline onboarding & offboarding of developers in high-turnover environments

Stage	NO PROCESS	WATERFALL	AGILE	CLOUD NATIVE	NEXT
CULTURE	Individualist	Predictive	Iterative	Collaborative	Experimental
PROD/SERVICE DESIGN	Arbitrary	Long-term plan	Feature driven	Data driven	All driven
TEAM	No organization, single contributor	Hierarchy	Cross-functional teams	DevOps / SRE	Internal supply chains
PROCESS	Random	Waterfall	Agile (Scrum/Kanban)	Design Thinking + Agile + Lean	Distributed, self-organized
ARCHITECTURE	Emerging from trial and error	Tightly coupled monolith	Client server	Microservices	Functions
MAINTENANCE	Respond to users complaints	Ad-hoc monitoring	Alerting	Full observability & self-healing	Preventive ML, AI
DELIVERY	Irregular releases	Periodic releases	Continuous Integration	Continuous Delivery	Continuous Deployment
PROVISIONING	Manual	Scripted	Config. management (Puppet/Chef/Ansible)	Orchestration (Kubernetes)	Serverless
INFRASTRUCTURE	Single server	Multiple servers	VMs (pets)	Containers/ hybrid cloud (cattle)	Edge computing

CURRENT SITUATION
GOAL