



CVP Hopper is a Managed Platform-as-a-Service (MPaaS) solution that accelerates software delivery through cost-effective automation and scalable infrastructure.

Are you looking to accelerate your application development and improve IT operations environments quickly and efficiently?

CVP's Hopper Managed Platform-as-a-Service (MPaaS) provides a combination of intelligent, self-healing automated infrastructure to enable a frictionless, expedited way to build, secure, deploy, and scale enterprise software products. Based on more than a decade of CVP's work with clients as well as internal research and development using automated, self-healing infrastructures, we have created a solution and methodology for:

- Standardizing deployments in the cloud
- Scalability and performance
- Automated security testing from first code check-in
- Adaptive, Automated, Self-healing infrastructure
- Machine Learning (ML) algorithms to improve software delivery and operations

▶ EVERYTHING AS CODE (EaC)

To ensure consistency, portability, high availability, and security is baked in from the beginning, and all management is done in code (application as code, pipeline as code, infrastructure as code, security as code, policy as code, configuration as code).

▶ SECURITY BAKED IN OUT OF THE BOX

Including test automation and integration tooling configured out of the box to perform tests such as:

- Unit testing
- Front-end testing
- API testing
- Database testing
- Security code scanning
- Container scanning
- Automated Pen testing

▶ SELF-HEALING INFRASTRUCTURE

Built on open-source Kubernetes and configurable out of the box, Hopper is a self-healing, declarative

CVP Hopper reduces the average project startup time from 3+ months to 50 minutes—

enabling clients to almost immediately stand up a fully cloud-enabled, STIG-hardened OpenShift, Jenkins, SonarQube, Splunk integrated development and CI/CD/CS infrastructure solution via automated scripts.

infrastructure that scales and manages applications packaged as containers, which makes it easy to develop, deploy, and keep running.

▶ POWERED BY CODR

Continuous Outcomes Delivery Range (CODR) is a self-service catalog of pre-defined CVP solutions, components, and application frameworks that can be deployed to any private/public cloud with a single button click. Hopper is able to be deployed via CODR to any public or private cloud in minutes and is able to achieve FISMA Moderate or High security control compliance.

▶ REAL BENEFITS

- Software factory setup: fully integrated complex infrastructure and tooling automatically deployed and configured in minutes that “just works”
- Service catalog of Government client vetted solutions, components, and application frameworks
- Support for multiple, popular, cutting-edge open-source technologies without vendor lock-in
- ML models that automatically highlight opportunities to increase developer productivity, identify abnormal system behavior, improve quality in your software delivery process