

# How to Choose DevOps Companies in California USA

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**DevOps** is a broader term comprising a set of methodologies or practices to facilitate continuous development, continuous testing and continuous delivery, and infrastructure automation.

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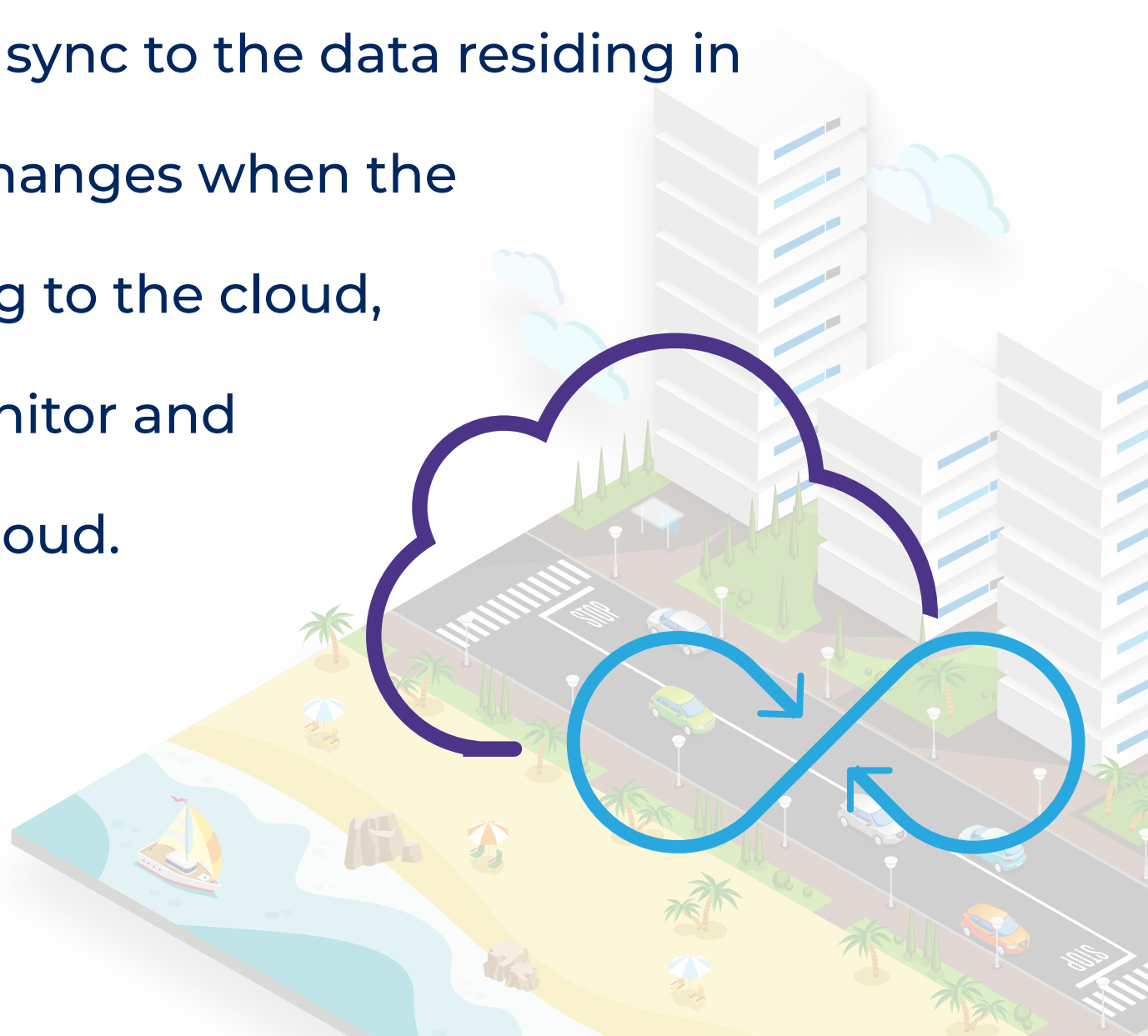
Here are some **things to consider** when choosing **DevOps**  
**company** to serve you.

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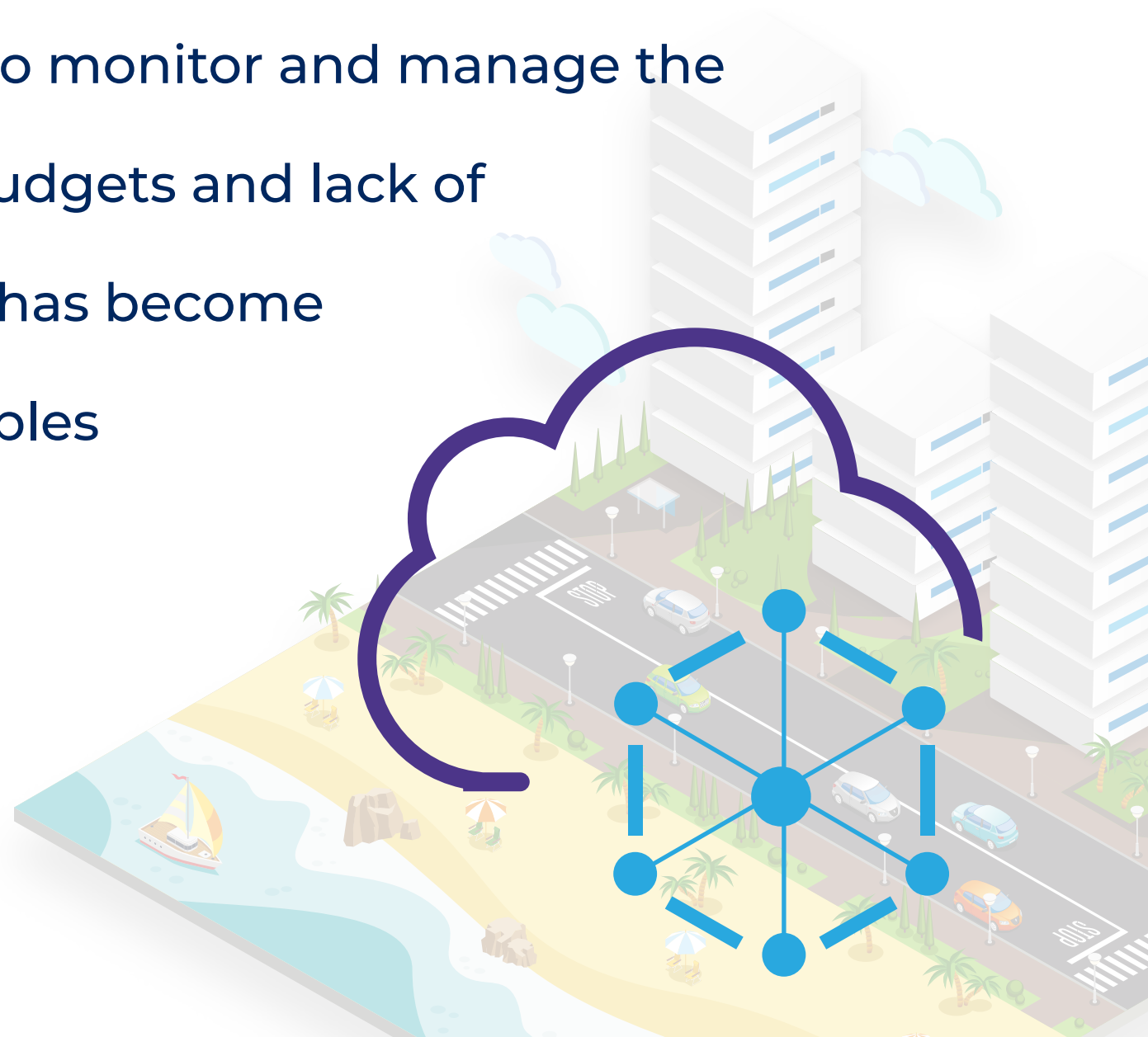
## **DevOps companies do: Seamlessly migrate to the Cloud**

The next step is to determine data migration strategies. You'll have to either set up one-way sync or two-way sync to the data residing in the cloud and on-premise and make changes when the migration is completed. After migrating to the cloud, you should set up the right KPIs to monitor and analyze business performance in the cloud.



## **DevOps companies do: Automate infrastructure leveraging Infrastructure as Code (IaC)**

As businesses scale up, they struggle to monitor and manage the infrastructure, owing to shrinking IT budgets and lack of expertise. Infrastructure as Code (IaC) has become quite popular in recent times as it enables businesses to automate infrastructure management.

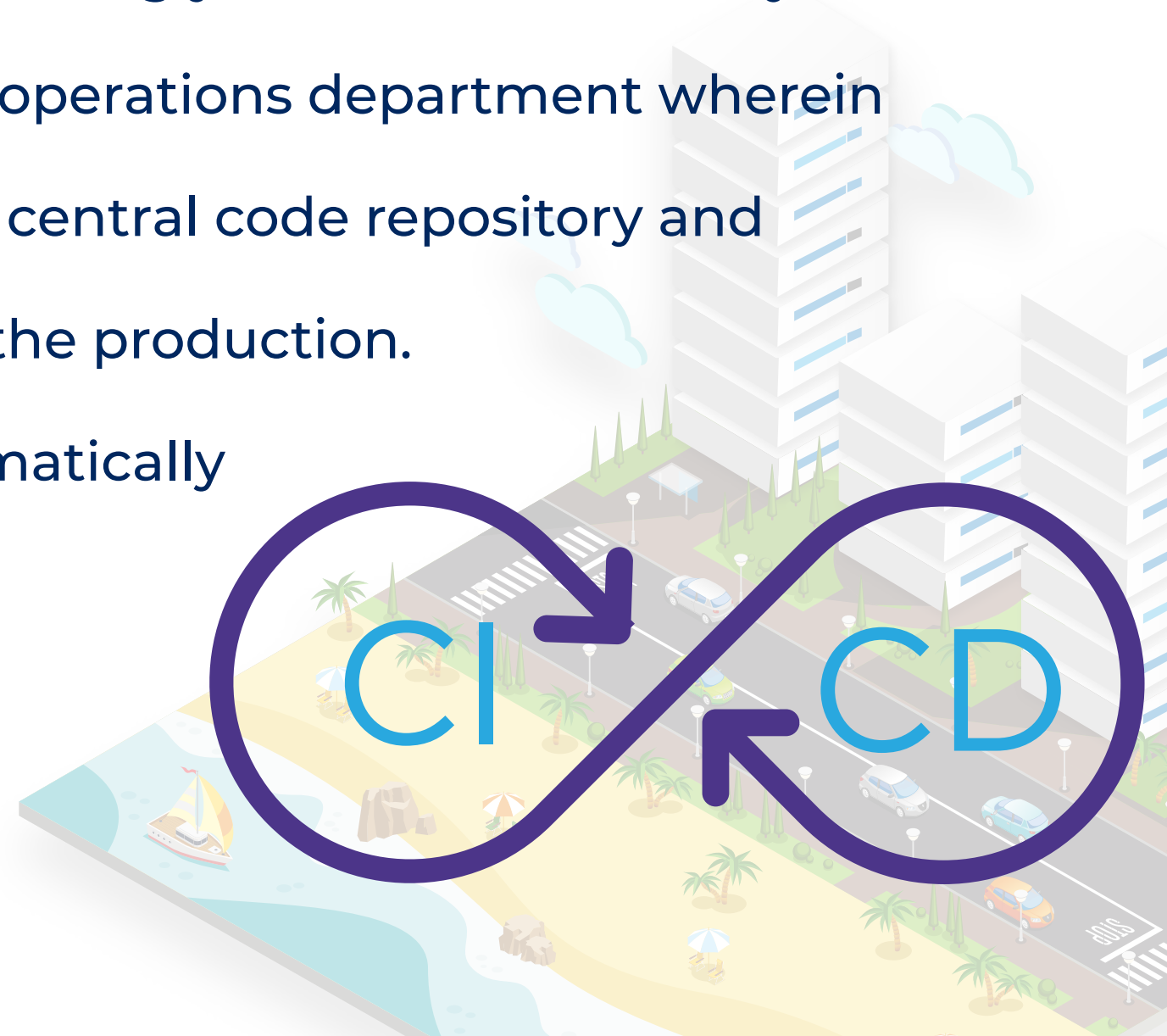




## **DevOps company does: Build efficient CI/CD Pipelines**

It's important to highlight that continuous delivery and continuous deployment are interchangeably used wrongly. Continuous delivery talks about the automated processes of the operations department wherein successfully tested code is applied to a central code repository and image containers and then pushed to the production.

Continuous deployment is about automatically deploying applications to users.



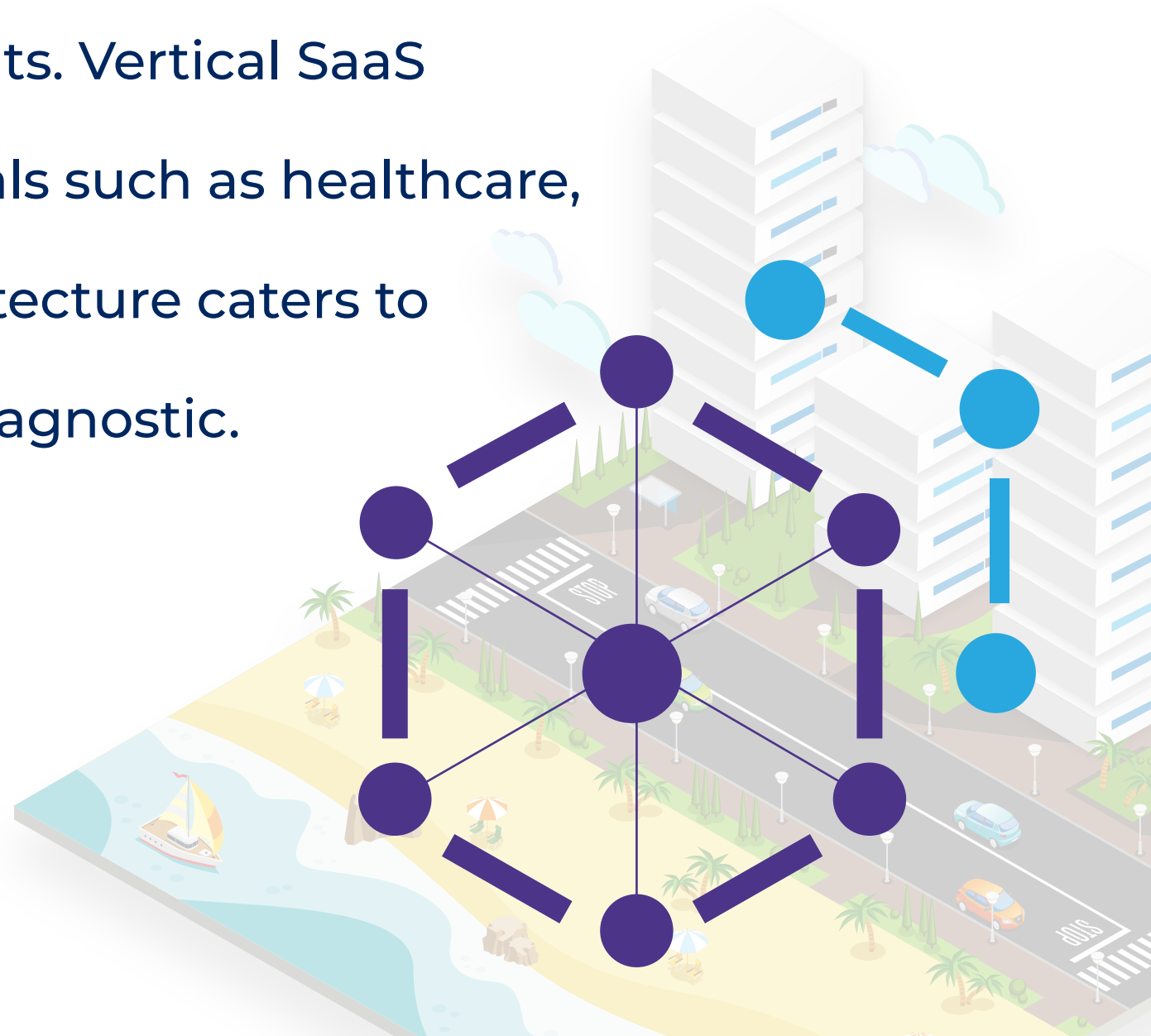
## **DevOps companies do: Microservice architecture and App Modernization**

Microservices is a type of software architecture wherein complex software is broken into smaller, loosely coupled, and independent services that communicate with each other via language-agnostic APIs. The granularity enables organizations to create independent services for each service and scale specific elements.



## **DevOps companies do: SaaS architecture**

SaaS architecture enables organizations to deliver a single app to multiple clients. It comes in two variants. Vertical SaaS architecture caters to a specific verticals such as healthcare, finance, HR, etc. Horizontal SaaS architecture caters to a specific department and is industry-agnostic.





## **DevOps company do: PCI, HIPAA and SOC2 compliance**

PCI DSS, HIPAA, SOC 2, etc. are a few regulations that USA-based organizations should comply with. When the right DevOps strategy is implemented across the organization, it will automatically comply with all these regulations and makes auditing easy.



## DevOps companies do: Upscaling Web Applications

As organizations deliver resources over the cloud, scaling web applications becomes a key concern. In a basic scenario, a web server takes requests from end-users, contacts the data server, and delivers the required info to the end-user. As the traffic grows, the webserver won't be able to cater to that traffic. So, you'll have to perform vertical scaling or horizontal scaling. The single point of failure is another concern.



As DevOps is not a tool or a technology, there are no standard guidelines for implementing it. However, companies that have successfully leveraged DevOps have first identified business objectives and defined DevOps for the organization accordingly.

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