

# Reach your modernization goals

## How Red Hat Application Foundations speeds development and delivery

To stay competitive in the modern IT market, organizations must find ways to develop applications with greater speed and efficiency. By deploying Red Hat® Application Foundations on Red Hat OpenShift®, your organization can ensure rapid, security-focused, and flexible application development and delivery across on-premise, hybrid cloud, and multicloud environments.

### ☑ Accelerate innovation

Combine the efficiency of continuous integration and continuous deployment (CI/CD) with innovation to accelerate the delivery of new applications, improve customer experiences, strengthen internal processes, and provide a competitive advantage.

Red Hat Application Foundations includes tools that provide modern, cloud-first approaches to architecture, giving development teams the ability to focus on innovation.

- ▶ Speed up cloud-native application development so you can reduce time to market and take advantage of containers, modern application patterns and practices such as agile development, DevOps, and CI/CD.
- ▶ Combine Red Hat Application Foundations with other technologies to rapidly adopt more complex patterns such as event driven architecture, artificial intelligence and machine learning (AI/ML) that can unlock new, innovative capabilities for your organization.
- ▶ According to IDC, customers say the use of Red Hat Application Foundations can more than double the number of new applications they can deliver (126% more on average).<sup>1</sup>

### ☑ Modernize cloud management

Reduce the complexities of maintaining both existing and new applications using open cloud-native approaches.

This approach can give your application development and operations teams a streamlined experience that combines container orchestration, developer flexibility, and pipeline efficiency. Red Hat Application Foundations helps organizations to:

- ▶ Adopt modern, cloud-native architectures including foundational patterns like [microservices](#), [application programming interface \(API\)-first](#), and [data streaming](#).
- ▶ Make use of additional entitlements for current Red Hat customers who need to maintain existing applications on non-cloud native technologies as they transition to the cloud.
- ▶ Drive efficient execution between distributed teams and across hybrid cloud environments as you modernize applications.
- ▶ Upgrade your planning and scheduling capabilities with a lightweight, embeddable planning engine that can help solve optimization problems efficiently.

<sup>1</sup> IDC White Paper, sponsored by Red Hat, "[The business value of a unified application development and delivery platform with Red Hat](#)," December 2022.

## ☑ Adapt to changing requirements

Help your application teams operate as valued business partners who can drive organizational growth and success through technology.

When the demands or requirements for applications shift, Red Hat Application Foundations can help developers adapt quickly and accelerate time to market with a comprehensive set of tools:

- ▶ Build and deploy applications with low friction and increasing frequency while also minimizing vulnerabilities and protecting employee, customer, and citizen data.
- ▶ Use comprehensive application frameworks, runtimes, and integration components to help your teams respond quickly to new requirements as they appear.

## ☑ Create a platform for cloud-native applications

When combined with Red Hat OpenShift, Red Hat Application Foundations helps organizations create a platform that balances developer choice and flexibility with operational control and security. This helps development and operations teams to build and modernize applications efficiently. With Red Hat Application Foundations, organizations can:

- ▶ Build, connect, and deploy applications and services across on-premise, private cloud, and public cloud environments.
- ▶ Operate in a unified application environment designed to support and streamline the complex realities of hybrid cloud and multicloud operations.
- ▶ Create a consistent experience across cloud environments, so your teams can efficiently and predictably deliver new capabilities to stakeholders to meet organizational needs.

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### Get started with Red Hat Application Foundations

[Talk to a Red Hatter](#) today to learn how Red Hat Application Foundations can help accelerate innovation and modernization for your organization.



#### About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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