

**INFOSYS
CLOUD NATIVE
DEVELOPMENT
PLATFORM**

Infosys
cobalt



Infosys[®]
Navigate your next

Accelerate your modernization journey with Infosys

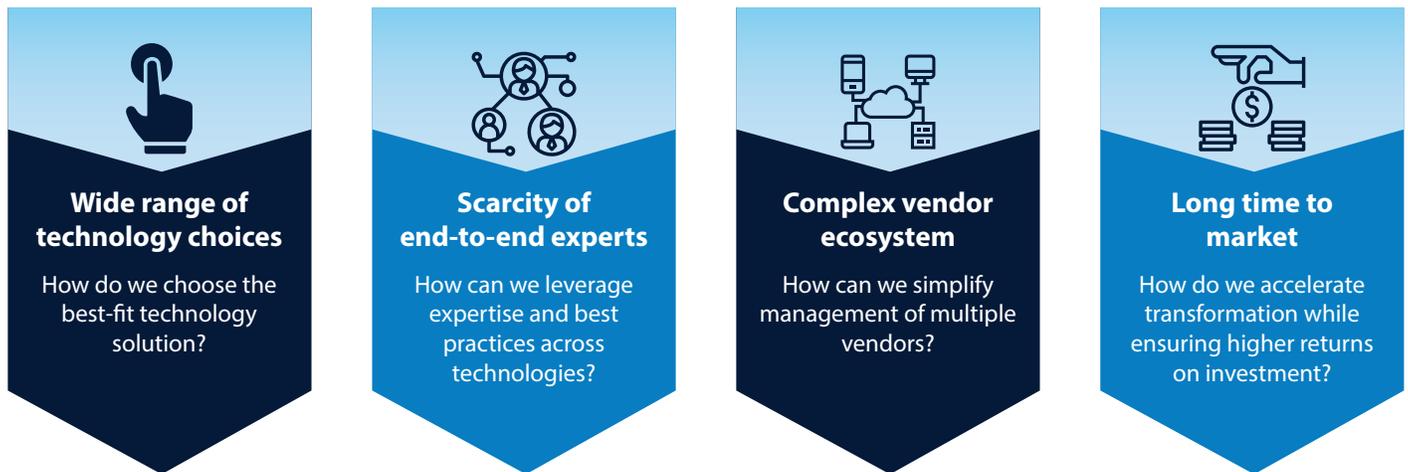
Today's enterprises need innovations that allow them to quickly respond to changing market conditions, create differentiated customer experiences, and streamline development of business-critical applications. Digital transformation and the resulting migration to cloud-

native architectures and technologies like containers and microservices is a strategic imperative. However, digital transformation often presents challenges when it comes to choosing the right architecture and technologies. The right platforms and partners can help accelerate and simplify digital transformation to reduce cost, complexity, and time to market.

While container-based platforms provide a degree of agility, portability, and

automation, there is still significant effort needed to deploy, configure, and integrate components at every layer. Activities like securing, running, and maintaining Kubernetes in a production environment, setting up and maintaining a CI/CD pipeline, or developing cloud native microservices applications are extremely complex tasks that require an enterprise-grade platform and people with a range of skills.

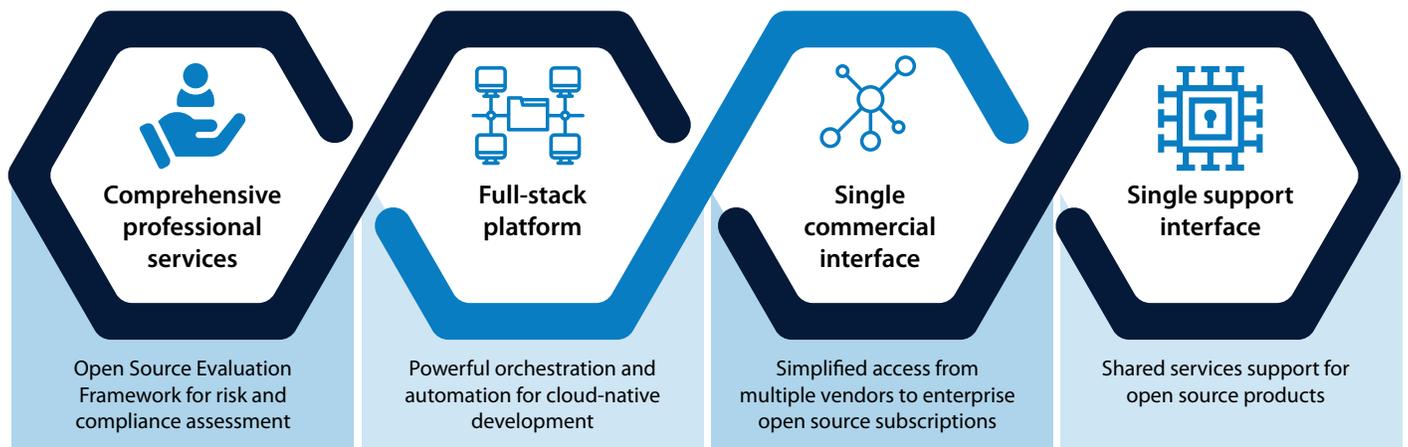
Key challenges in large application transformation programs



The Infosys-Red Hat solution

The Infosys Cloud Native Development Platform, part of [Infosys Cobalt](#), is a turnkey solution that addresses the technology, commercial, and support requirements of digital transformation initiatives. It runs on the powerful Red Hat® OpenShift® and uses other industry-leading open source technologies. It provides a full stack platform that accelerates the complete lifecycle of cloud-native applications, along with a single commercial and support interface for open source software.

The Infosys architecture-first approach simplifies how you develop and deploy container-based applications on Red Hat® OpenShift®, whether on-premise, on the cloud or on managed Red Hat® OpenShift® services, e.g., Red Hat® OpenShift® Service on AWS (ROSA) or Azure Red Hat® OpenShift® (ARO).

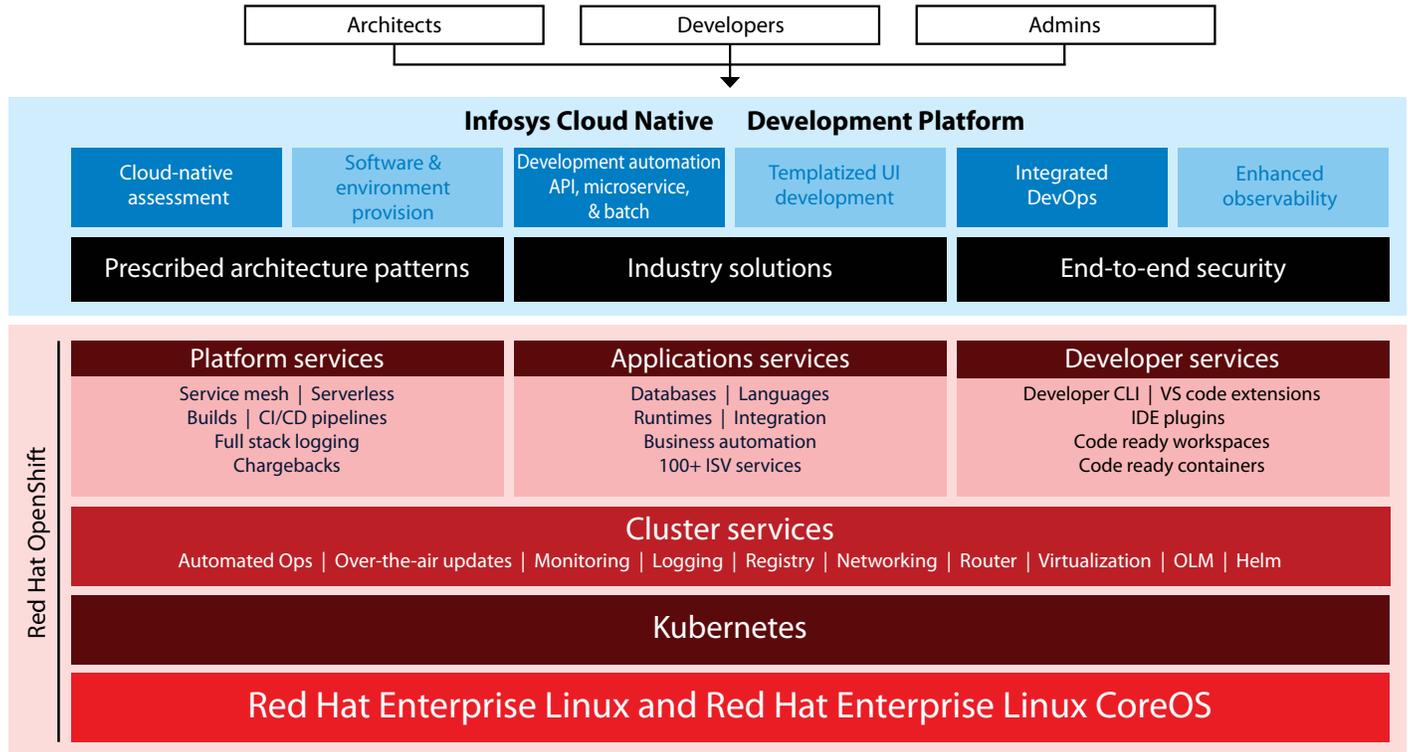


Key features

The Infosys Cloud Native Development Platform is built on top of Red Hat® OpenShift® and supports leading open source technologies that cover the entire range of application development lifecycle phases. It uses unique features to streamline the digital transformation journey with zero disruption. The platform:

- Combines the native capabilities of Red Hat® OpenShift's® enterprise-grade Kubernetes with an Infosys-curated open source stack with over 35 technologies, powerful orchestration, and workflows.
- Simplifies running and securing Kubernetes by leveraging the Red Hat® OpenShift® out-of-the box capabilities.
- Provides end-to-end automation for environment provisioning and technology integration.
- Automates APIs, microservice, batch and UI development along with a readymade DevSecOps pipeline.
- Provides out-of-the-box monitoring, tracing, and metering capabilities to simplify debugging and error handling.
- Simplifies technical debt governance.
- One-click deployment of Infosys' industry solutions running on Red Hat® OpenShift®.
- Built to be adaptable, with ease of plugging in new technologies.

Red Hat® OpenShift® is a fully featured, industry-leading enterprise-grade Kubernetes container platform with full-stack automated operations to manage hybrid cloud and multi-cloud deployments. It's optimized to improve developer productivity and promote innovation. Because it is pre-integrated with many open source projects supported by the Infosys Cloud Native Development Platform, engineers can quickly and efficiently deploy an end-to-end enterprise-grade platform for building and orchestrating cloud-native applications.



Red Hat® OpenShift® includes an enterprise-grade Linux® operating system, container runtime, networking, monitoring, registry, and authentication and authorization solutions. It also provides the platform with powerful features not available with other Kubernetes distributions. For example, a full set of Jenkins CI/CD pipeline tools

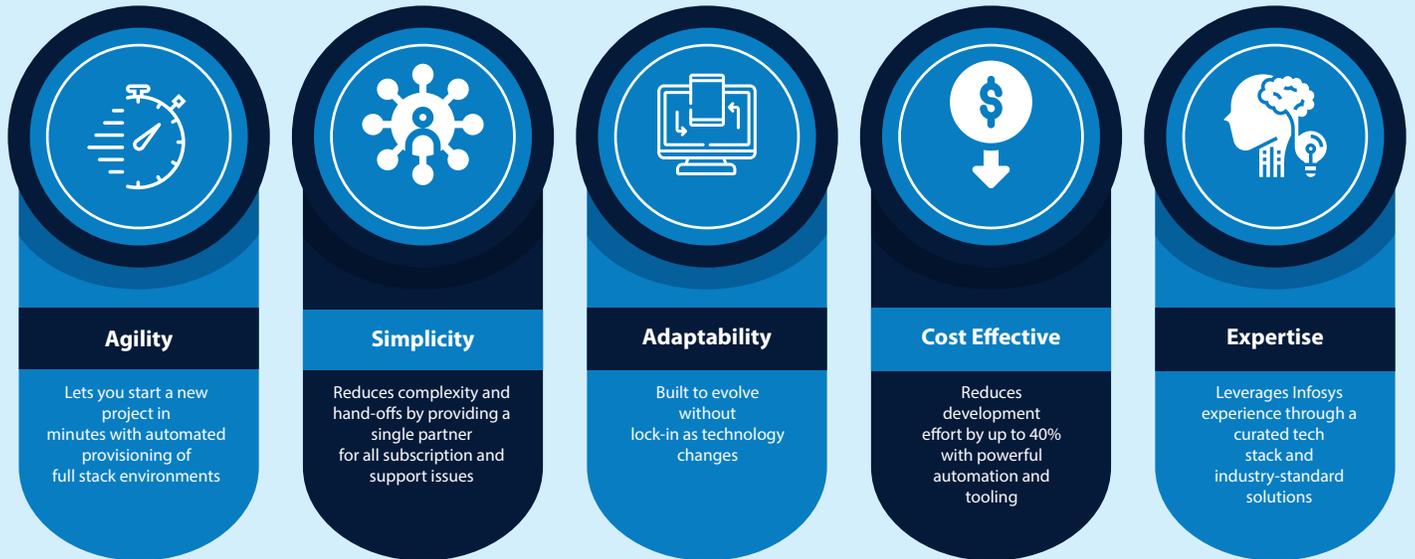
that work right out of the box, and a Kubernetes Operator Framework to help automate life-cycle management for increased security, tailored operations solutions, easy-to-manage cluster operations, and application portability.

The Infosys Cloud Native Development Platform provides a powerful UI that

automates and integrates the interactions between the Red Hat® OpenShift® components like the CI/CD tools, container catalog, DevOps management, and Operator Framework to simplify and accelerate operations like onboarding projects and software provisioning.

Why choose the Infosys Cloud Native Development Platform?

The Infosys Cloud Native Development Platform simplifies and accelerates digital transformation and application development, while minimizing risk of disruption. Partnering with Infosys and Red Hat for your transformation journey can help you achieve the agility, efficiency, and speed to market you need to succeed in today's rapidly changing business environments.



Modernize your enterprise for greater business value with Infosys and Red Hat. Connect with us at modernization@infosys.com to learn more about the Infosys Cloud Native Development Platform.

Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 35,000 cloud assets, over 300 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact askus@infosys.com

Infosys[®]
Navigate your next

© 2022 Infosys Limited, Bengaluru, India. All Rights Reserved. Infosys believes the information in this document is accurate as of its publication date; such information is subject to change without notice. Infosys acknowledges the proprietary rights of other companies to the trademarks, product names and such other intellectual property rights mentioned in this document. Except as expressly permitted, neither this documentation nor any part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, printing, photocopying, recording or otherwise, without the prior permission of Infosys Limited and/ or any named intellectual property rights holders under this document.

[Infosys.com](https://www.infosys.com) | NYSE: INFY

Stay Connected   