

Accelerate your cloud migration journey

With TCS Intelligent Cloud Migration Continuum and Red Hat OpenShift

Benefits:

- ▶ Reduces migration assessment cycle from months to weeks
- ▶ Offers per-app pricing and pay-as-you-migrate models
- ▶ Transforms while you migrate, achieving business value faster
- ▶ Provides fixed-price and fixed-duration decision services and automated portfolio analysis
- ▶ Predicts best-fit migration path, patterns, and deployment architecture

Introduction

Enterprises of all sizes are considering how to migrate their applications to the cloud to take advantage of scalability, efficiency, and IT cost optimization. However, companies face many challenges during a migration process such as the time required, the interruption of service, and the burden of selecting the right architecture.

The Red Hat® OpenShift® and Tata Consultancy Services (TCS) Intelligent Cloud Migration Continuum (iCMC™) solution helps to address these challenges. The solution combines TCS Enterprise Cloud Migration Services and Red Hat OpenShift to help enterprises accelerate the journey to cloud by providing centralized management and visualization tools needed to build cloud-native applications. The iCMC powers the migration by performing the assessment and leading the migration through an automated, intelligent factory model to rapidly migrate applications and data to private, public, and hybrid cloud environments. It helps customers build business cases and make informed cloud decisions, and sequence their applications for cloud migration and modernization as part of their digital transformation journey. Red Hat OpenShift is the migration target that delivers the cloud computing platform, virtualizes resources from industry-standard hardware, organizes those resources into software-defined services, and manages them for user access.

Capabilities overview

Together, Red Hat and TCS help enterprises migrate seamlessly and confidently to the cloud—with proven solutions that are highly scalable and more secure, reliable, and cost-effective. We help customers achieve a faster and more efficient discovery and assessment of their existing application landscape and define a new architecture on Red Hat.

TCS iCMC Decision Services: Automates the assessment portfolio analysis and predicts the ideal migration path, as well as best suited patterns for target deployments with Red Hat OpenShift.

TCS iCMC Migration Services: Performs the migration and uses a migration factory model to convert the code and the associated data. This migration model has more than 100 assembly lines with multi-platform alignment, providing standardized operations that increase cloud migration speed and reliability. The TCS iCMC Migration Workbench offers real-time visibility into the process, the migration progress, and barriers, and it streamlines post-production governance.

About Tata Consultancy Services LTD

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world's largest businesses in their transformation journeys for the last 50 years. TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile delivery model, recognized as a benchmark of excellence in software development. A part of the Tata group, India's largest multinational business group, TCS has over 450,000 of the world's best-trained consultants in 46 countries. For more information, www.tcs.com.

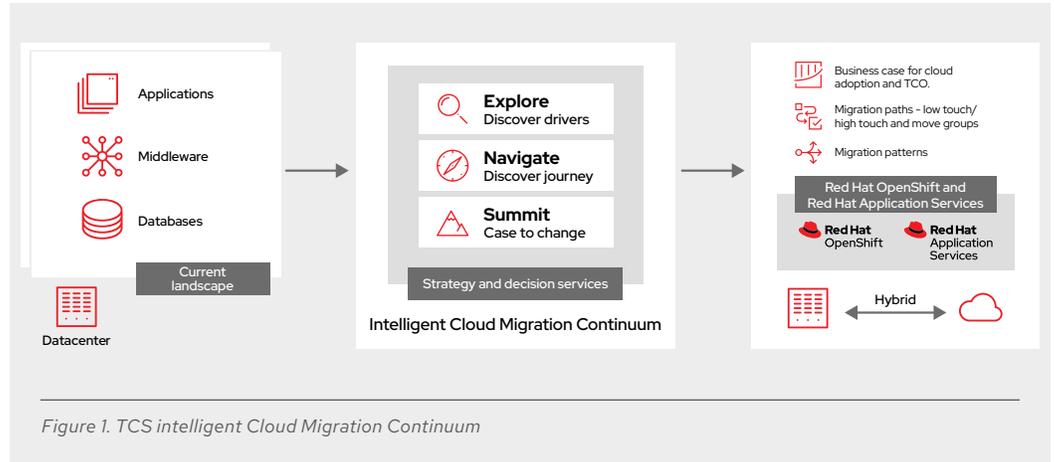


Figure 1. TCS intelligent Cloud Migration Continuum

Red Hat OpenShift brings Linux® containers and Kubernetes to the enterprise. The platform helps organizations develop, build, deploy, and manage new and existing applications across physical, virtual, or public cloud infrastructures. It accelerates application development with automated workflows that make it easy to move from source code to production-ready container images for deployment. Red Hat OpenShift is built on open source standards and is a proven, reliable container platform for organizations of any size.

Some of the indicative use cases are:

- ▶ Monolithic three-tier Java™ EE.
- ▶ .NET applications.
- ▶ Commercial off-the-shelf (COTS) applications.

Conclusion

Red Hat and TCS together are well equipped to help your organization at every stage of your application discovery and migration journey. Built on open source technologies, Red Hat OpenShift and TCS iCMC help your enterprise build cloud-native applications with proven frameworks.

Learn more

Read more about [TCS' approach to cloud migration](#) and [Red Hat OpenShift](#).



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.

[f facebook.com/redhatinc](https://www.facebook.com/redhatinc)
[@RedHat](https://twitter.com/RedHat)
[in linkedin.com/company/red-hat](https://www.linkedin.com/company/red-hat)

North America
 1888 REDHAT1
www.redhat.com

Europe, Middle East, and Africa
 00800 7334 2835
europa@redhat.com

Asia Pacific
 +65 6490 4200
apac@redhat.com

Latin America
 +54 11 4329 7300
info-latam@redhat.com

redhat.com
[#F28862_0721](https://twitter.com/RedHat)

Copyright © 2021 Red Hat, Inc. Red Hat, the Red Hat logo, and OpenShift are trademarks or registered trademarks of Red Hat, Inc. or its subsidiaries in the United States and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. Java and all Java based trademarks and logos are trademarks or registered trademarks of Oracle America, Inc. in the U.S. and other countries.