

Accelerate your cloud migration journey

With TCS Intelligent Cloud Migration Continuum and Red Hat OpenShift Container Platform



Benefits

- Migration assessment cycle reduced from months to weeks
- Per-app pricing and Pay-as-you-migrate models
- Ability to transform while you migrate, achieving business value faster
- Fixed-price and fixed-duration decision services for assessment with automated portfolio analysis
- Predictions of 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. Yet, companies face many challenges during a migration process such as the time involved, the interruption of service, and selecting the right architecture.

The Red Hat® OpenShift® Container Platform and Tata Consultancy Services (TCS) Intelligent Cloud Migration Continuum (iCMC™) solution help address these challenges. The solution combines the TCS Enterprise Cloud Migration Services and Red Hat OpenShift Container Platform 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 driving the migration through the factory. It helps customers build business cases, take informed decisions on the choice of cloud and sequencing of applications to target for cloud migration and modernization, as part of their digital transformation journey. Red Hat OpenShift Container Platform 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 so users can access it.

Capabilities Overview

Together, Red Hat and TCS help enterprises migrate seamlessly and confidently to the cloud—with proven solutions that are highly scalable, 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, predicts the ideal migration path as well as best suited patterns for target deployments with the Red Hat OpenShift Container Platform.
- ▶ TCS iCMC Migration Services: Performs the migration and uses the migration factory to convert the code and the associated data. The TCS iCMC Migration Workbench offers real-time visibility into the process, the migration progress, roadblocks, and streamlines post-production governance.




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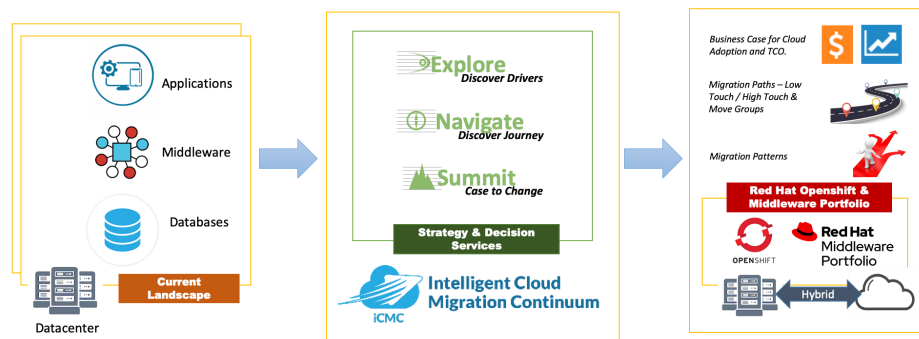


Figure 1. TCS intelligent Cloud Migration Continuum

Red Hat OpenShift Container Platform 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 Platform 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
- ▶ COTS applications

Conclusion

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

Learn more

For more Information on Cloud Migration contact CMA.Enggconsulting@tcs.com or visit www.tcs.com/tcs-enterprise-cloud-platform-migration-services.

For more information on Red Hat OpenShift, visit <https://www.openshift.com>

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.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



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