

POINT OF VIEW:

Roadmap to a Modern Integrated Cloud with Oracle and TCS



TOUCHING TOMORROW, TODAY

Today, no business is immune to disruption. Digital advancements are changing the game in every industry, challenging leaders to reinvent operating models, customer experiences, and even workforces. New technologies from artificial intelligence to blockchain offer huge value-creating potential for companies with the initiative and means to harness them. New entrants -many of them 'born in the cloud' — are outpacing earlier generations of enterprises that must rapidly modernize their infrastructure and business models to catch up.

Increasingly, the cloud is where businesses go to embrace change, drive innovation, and mobilize resources to outcompete in the evolving economic and technology landscape. But every business or organization will chart a different path to the cloud, one that matches the organization's business priorities, existing infrastructure, and appetite for change. Some are focused on increasing agility and reducing operational costs. Others look to the cloud to help accelerate global expansion plans and harmonize operations.

The journey to cloud can present unforeseen complexities and risks. For example, many enterprises may find themselves pursuing several conflicting paths at the same time, with different parts of the business migrating in isolation from each other. Businesses may also fail to migrate systems and applications in the most effective way, leading to business disruptions and cost overruns. Or they may neglect to update business processes to take advantage of new cloud capabilities. Any of these missteps can ultimately result in the business falling short of the outcomes it was seeking.

Recent global events have given rise to unprecedented business disruption that has led enterprises to look at how they can build resilient, future-ready business. While crisis response begins with recovery, it's just the start of a process that involves rethinking how businesses, partnerships, and processes run. This helps to build business growth and pivot forward so that businesses can survive and thrive no matter what the future brings.

DEFINING YOUR ROADMAP TO THE INTEGRATED CLOUD

How do you create the right roadmap to the cloud for your business — one that protects the continuity of your business during the transition; allows your organization to take full advantage of the latest industry and technology advancements; and creates a cloud with enough power and flexibility to grow with your business?

The answer is to follow a proven path that leverages the right tools, methods, and strategies to create a cloud solution that unleashes your company's potential to innovate and grow. This means building an *integrated cloud solution* that can seamlessly deliver market-leading business solutions across functions and geographies with the scalability to meet the changing demands of tomorrow.

In times of crisis, enterprises tend to focus on solving urgent issues that they encounter. However, many enterprises take a different approach by embracing digital transformation, turning disruption into opportunity. A transformation partner with an end-to-end, customer-first mindset and implementation of software with the latest capabilities help enterprises prepare to weather difficult crisis and establish a strong foundation to thrive in an uncertain future. Enterprises need to keep the following in mind when selecting their transformation partner:

- **Use your data to solve issues and build resilience:** Work with a cloud provider to select the software that will help surface new insights and find new ways to use business data to respond faster to change and build resilience.
- **Think beyond the quick fix and plan your approach to the cloud:** With a variety of cloud providers to choose from, enterprises may be tempted to subscribe to multiple providers for solving the issues they are facing. But an accidental architecture approach can create data silos that prevent them from capturing the full value of their data, making it more difficult to secure and manage multiple integrations.
- **Consolidate your applications portfolio:** Work with a trusted partner with a customer-first approach who listens and responds to customers issues. For example, TCS' Cloud Applications is built as a complete suite of business applications from the ground up based on customer asks and helps them eliminate data silos, simplify data management, and better protect their data, even as businesses grow and change. Another example is TCS Crystallus™, which is a set of pre-configured industry solutions that accelerate enterprise-wide digital transformation and drive exponential business value through industry innovations. Leveraged across multiple lines of business, it drives adoption of industry best-practices, delivers superior customer experience, accelerates time to market and powers sustainable business growth.

To ensure success, Tata Consultancy Services (TCS) believes every integrated cloud initiative should be governed by three basic principles: simplification, standardization, and scalability.

- **Simplification.** Moving to an integrated cloud eliminates a common barrier to agility — complexity. Complexity can come in two forms: business-process complexity and IT complexity. Often, they are intertwined, creating an impediment to agility. A well-designed integrated cloud automates and streamlines business processes, helping you move data effortlessly across the enterprise and accelerating decision-making.
- **Standardization.** The integrated cloud allows you to get rid of productivity-sapping customizations and gives you access to a standard set of best practices that are continually modernized over time. Standardization means that patches and updates happen seamlessly, so you stay up to date with little or no technical resource requirements.
- **Scalability.** As your business grows, your cloud solution should grow with you. So, every integrated cloud solution needs to be designed to eliminate the common bottlenecks of traditional data center management, such as adding capacity, hiring IT staff, and phasing out old hardware. Now you can respond to market changes quickly and efficiently.

THE 3 “S’s”

TCS believes that the journey to the cloud must be centered around three tenets that drive business agility:

- Simplification — reducing complexity to drive efficiency
- Standardization — establishing common business processes and data structures to minimize costly customizations
- Scalability — creating an elastic infrastructure to enable fast response to changing business needs

The Need for Oracle Cloud

Oracle Cloud offers a complete suite of ready-to-use SaaS applications, built with AI and machine learning (ML) technologies, across all business functions that leverages advanced, best-in-class technology. Enterprises spend lesser time analyzing requirements and integrating, managing and upgrading hardware and software, allowing them to be more responsive to customers and focus on their business. They do not have to compromise by choosing between short-term needs and long-term priorities. A fully integrated cloud suite enables them to bring teams together, create a single source of truth, and experiment with process and business model innovation.

Deep integrations between applications and a common data model, common workflow engine and consistent user interface ensure that data is not trapped in silos, enabling teams to work together quickly and easily. Business users across the enterprise will have equal and consistent access to latest capabilities that puts enterprises businesses on the path to reinvention. It also improves collaboration across departments and enables roles and responsibilities to evolve as enterprises continue to define what’s next for their business.

With the most comprehensive and robust technology portfolio, unmatched security, and future-proof innovations built in, Oracle’s SaaS suite helps enterprises outpace change and be ready for the future. It helps overcome the challenges of managing multiple software providers, lowers costs and enables increased functionality, innovations, and security that business needs.

TCS INTEGRATED CLOUD SOLUTION FOR ORACLE: MAXIMIZING ENTERPRISE VALUE REALIZATION

TCS Enterprise Navigator™ Framework

TCS offers a proven framework with **TCS Enterprise Navigator™** to transform your business functions from a disparate collection of manual and legacy on-premises systems into modern, fully digitized and integrated operations.

Designed to help organizations build a future-ready digital foundation that allows them to enhance innovation and easily adapt to changing market dynamics, TCS Enterprise Navigator is a consulting-led transformation framework that creates an intelligent enterprise with a range of capabilities.

From ideation to execution, TCS Enterprise Navigator takes a holistic and measurable approach to modernize enterprise-wide processes. The solution enhances user experience and helps organizations prepare to sustain change amid disruption. TCS Crystallus™ forms the powerhouse for this framework.

Accelerating Transformation on Oracle Cloud with TCS Crystallus™

With smart capabilities such as strategic insights and value realization, organization change management, and preconfigured business and industry solutions, TCS Enterprise Navigator supports emerging technologies, such as AI and advanced analytics, to drive innovation and growth. It also accelerates the time to market by 25-30% and ensures competitiveness by implementing a digital core and intelligent technologies with TCS Crystallus™. TCS Crystallus brings together our vast industry and business domain expertise to harness the power of the Oracle Cloud platform with pre-configured industry solutions to accelerate digital transformation.

TCS Integrated Cloud Solution for Oracle

TCS offers a proven Integrated Cloud Solution framework for Oracle, to transform your business functions from a disparate collection of manual and legacy on-premises systems into a modern, fully digitized and integrated operation. The TCS framework delivers three critical capabilities:

- **Agility.** Gain the flexibility to meet changing business conditions while delivering the ability to expand or shrink capacity on demand.
- **Growth Enablement.** Leverage a robust digital foundation to rapidly grow into new markets, launch new business ventures, or adopt innovative revenue models.
- **Efficiency.** Deploy a well-designed integrated cloud to automate and streamline business processes, move data effortlessly across the enterprise, and speed up decision-making.

Guided by a proven TCS Transformation Delivery Method (TDM), the TCS Integrated Cloud Solution for Oracle is designed to maximize enterprise value realization in three strategic steps.

STEP 1. TRANSFORM THE FRONT OFFICE



The front office is often the best place to start your journey to the cloud. Experience with hundreds of cloud engagements confirm that companies can more easily adopt cloud-based applications for customer-facing functions such as marketing, sales, configuration-price-quote (CPQ), and customer service. Since they primarily focus on SaaS applications and come with best-practice business processes built in, these migrations present fewer business disruptions and can be executed rapidly.

STEP 2. MODERNIZE THE BACK OFFICE



After migrating your front office, you can focus on modernizing your core operations, such as finance, supply chain, manufacturing and logistics. These back-office functions are typically more complex, customized, and interconnected, requiring a more sophisticated approach to cloud migration. As a result, the back office is a good candidate for the second step in the three-part framework.

TCS brings unmatched expertise in business-process design and technology architecture, helping organizations map the optimal future-state cloud solution. This could include 100% Oracle Cloud solutions as well as hybrid cloud architectures leveraging Oracle SaaS, PaaS, and IaaS technologies. Throughout your back-office cloud transition, you'll minimize risk and expedite time-to-value with TCS' Transformation Delivery Method and express accelerators.

STEP 3. DRIVE INNOVATION IN THE MID OFFICE

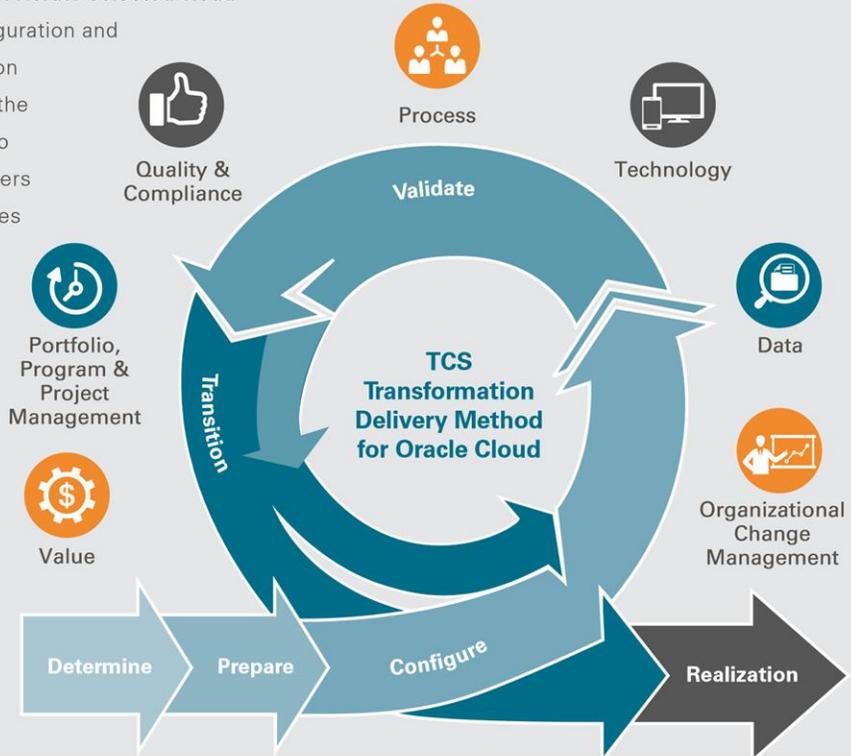


In this last phase of your Oracle Cloud transformation, you've already connected your customer-facing and operational solutions in the cloud. You now have a single source of truth to drive new cloud-based analytics, reporting, compliance, and performance management solutions. This propels enterprise value realization by providing an integrated view of the entire enterprise, ultimately delivering benefits far beyond compartmentalized improvements within a single business function. For example, TCS can help you leverage your integrated cloud to transform key activities such as new product and service launches, supplier management, and strategy formulation.

TCS TRANSFORMATION DELIVERY METHOD: DRIVING QUALITY AND CONSISTENCY

To help companies succeed in their transformation initiatives, TCS uses its own Transformational Delivery Method (TDM), an agile implementation and development methodology that expedites cloud migrations while assuring high-quality outcomes. TDM complies with the Oracle Unified Method, a single implementation methodology designed for all Oracle product deployments.

TCS' express accelerators can accelerate selected cloud migrations with automated configuration and testing processes. Cloud migration engagements go smoother with the addition of Blueprint Storyteller to the TDM toolset, helping customers better align development initiatives with business goals.



TCS Enterprise Navigator : GUIDING YOUR JOURNEY

Tata Consultancy Services (TCS), an Oracle Cloud Partner provides business and IT consultancy services and cloud solutions with extensive experience in designing and driving an optimal roadmap to Oracle Cloud.

Using its proven framework, TCS helps you migrate seamlessly from on-premises to cloud technology, enabling you to acquire a competitive edge while securing business continuity. Through business-process simplification, harmonization, and scalability, you can achieve a significant reduction in legacy IT costs, greater efficiency, effectiveness, and agility. The TCS Enterprise Navigator framework also provides a hybrid cloud architecture that enables you to quickly connect your people, processes, and things, and minimize risk at every stage of technology adoption.

Throughout your cloud journey, TCS keeps your desired business outcomes clearly in sight, whether it's accelerating time to market, reducing risk, cutting operating costs, or transforming your whole business to capture new markets.

ORACLE'S INTEGRATED CLOUD SOLUTION

To succeed in the journey, organizations need industry-leading technology, digital innovation, and a trusted partner with proven experience. Oracle provides the industry's broadest and deepest suite of Cloud applications combined with flexible platform and infrastructure services. By leveraging Oracle's modern, scalable cloud platform, you can:

- Transform your entire business with modern cloud applications
- Connect people, processes, and devices in the cloud
- Leverage security designed into every layer of the stack
- Lower IT costs with optimized platform services
- Flexibly move, deploy, and run any workload
- Increase scalability rapidly with no infrastructure limitations

THE TCS EDGE

TCS Oracle solutions enable clients across industries and geographies to drive business value through business and digital transformation services. With a global delivery team specializing specifically in Oracle Cloud engagements, TCS helps organizations design and build a modern business infrastructure.

PROVEN EXPERTISE

- 500+ Oracle Cloud engagements worldwide
- 425+ TCS Contextual Masters™
- 1,000+ Agile certified experts
- 2,000+ TCS TDM certified implementors
- TCS OSAT+ (Oracle SaaS Automated Testing) enables up to 60% reduction in test design and development effort / time and lowers total cost of ownership with the elimination of third
- TCS DATASURE™ helps migrate high volumes of master and transaction data from a legacy environment into the cloud

DEEP ORACLE EXPERTISE

- 5800+ Oracle Certified Associates
- 450+ Oracle Cloud Engagements
- 445+ Contextual Masters™ (Oracle)
- 2400+ TDM Certified Implementors
- 3825+ Industry Domain Experts
- 2100+ Management Consulting Advisors
- 1225+ Agile Certified Oracle Associates
- 1000+ Agile Delivery Centers

GLOBAL REACH

- Offices across 46 countries

ORACLE AWARDS

- Leader in IDC MarketScape for Supply Chain Oracle Ecosystems Services, Oracle Implementation Services and Oracle Cloud Implementation Services,

CREATING THE CUSTOMER'S FUTURE TODAY

Enterprises around the globe are experiencing transformative results with the integrated cloud solution.

- TCS helped Zebra Technologies deploy a unified platform to enrich partner experience <https://www.tcs.com/tcs-helps-zebra-technologies-deploy-unified-platform-enrich-partner-experience>
- TCS helped HACH digitize its supply chain <https://www.tcs.com/hach-digital-supply-chain-oracle-cloud-application>
- TCS enabled Vodafone UK transform customer experience with Oracle Field Service Cloud <https://www.tcs.com/field-service-transformation-management-vodafone-uk>

THE FUTURE IS HERE

Ready to take on the future today? Connect with TCS to learn how you can leverage Oracle Cloud to cost-effectively transform every part of your business and thrive in the new cloud economy.

To find out more, watch the video Race to the Modern CX Cloud with TCS and Oracle <https://www.youtube.com/watch?v=KzFijZEzLY>

ABOUT TCS

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 over 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. For more information, visit [TCS.com \(https://www.tcs.com/tcs-strategic-cloud-elite-oracle-partnership\)](https://www.tcs.com/tcs-strategic-cloud-elite-oracle-partnership)

ABOUT ORACLE

The Oracle Cloud offers complete SaaS application suites for ERP, HCM and CX, plus best-in-class database Platform as a Service (PaaS) and Infrastructure as a Service (IaaS) from data centers throughout the Americas, Europe and Asia. For more information about Oracle (NYSE: ORCL), please visit us at [oracle.com](https://www.oracle.com).

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