LTIMindtree Infinity DevOps

Modernizing DevOps Transformation

Overview

Cloud computing is considered a key enabler in accelerating business innovation and transformation. Today, for enterprises to move deeper into the cloud trajectory, it is crucial to combine cloud-native offerings with agile and DevOps principles to get maximum value out of cloud. Incorporating the right tools, processes, and competencies through DevOps would help shift the focus towards establishing mature cloud practices for fuller digital transformation experiences. Cloud computing practices, when combined with DevOps culture, enable faster time-to-market, increase productivity, and offer end-to-end visibility of the SDLC life cycle.

Many enterprises worldwide are embracing the DevOps approach for better collaboration and speed-to-value. Enterprises with matured DevOps practices are investing extensively in Smart DevOps solutions that provide Automation and Intelligence to standardize and accelerate the software development life cycle. This is bringing in a major cultural shift in the way businesses can function to become more agile and innovative. Even so, as DevOps implementations proliferate, the diversity and complexity of the involved people, processes, and technology pose as a major hurdle to accelerating innovation.

Key Challenges to DevOps Adoption

DevOps maturity: understanding and evaluating the current tools, technology stack, and automation levels to initiate the DevOps transformation journey.

Automation: integrating heterogeneous enterprise tools, processes, data, and teams with the objective to scale up automation initiatives is complex, expensive, and time-consuming.

Long release cycles: manual processes and SME dependencies cause delays in faster onboarding of applications, as well as CI/CD executions, leading to long release cycles.

DevOps standardization: lack of a standard approach to DevOps creates disparity in the tools, processes, and resources being utilized across projects.

E2E governance: lack of a centralized knowledge base and coordinated insights restricts end-to-end visibility and governance of application life cycle.

Traceability: limited or inefficient metrics to monitor performance, detect inaccuracy, or measure DevOps success holistically.

The LTIMindtree Advantage

LTIMindtree, with its proven DevOps solutions, enables enterprises to have complete control over their project/application life cycle management. Our DevOps solutions and services are structured to enhance operational efficiencies, strengthen customer engagements, encourage knowledge transfer, and effect change management for impactful business transformation. LTIMindtree's rich experience in DevOps Consulting, Enablement, and Continuity Services enables enterprises to onboard, automate, and manage projects effectively.

To minimize manual efforts in building and managing integrations between multiple tools and gaining end-to-end visibility, LTIMindtree has adopted a one-stop platform-driven approach that enables seamless integration and accelerates the DevOps culture.

LTIMindtree Infinity DevOps: A Transformative Platform

LTIMindtree Infinity DevOps is a comprehensive suite of 50+ solutions (Ready-to-use Connectors for Planning, Source Control, Quality Assurance, Security, Release Management, and Monitoring) that supports assessment, end-to-end secured tool integration, CI/CD automation, and value stream-based visibility across a continuous ALM/RLM life cycle. It is a self-service, scalable DevOps platform designed to address all enterprise challenges that are fundamental to DevOps transition.
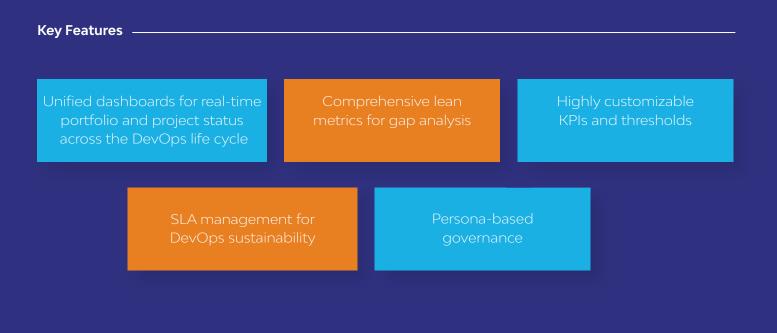
Building Blocks of Infinity DevOps

Workbench

Workbench is a simple and intuitive self-service solution that helps users to rapidly on board applications onto DevOps ecosystem.

Key Features

Orchestrates workflow-based pipeline configurations	Purposeful templates for Infra and DevOps management	Seamless hyperscaler IaaS, PaaS integrations
Provides RBAC and security across tools and platforms	Customizable DevOps for multi-tools/technology	Pre-built user-defined templates

Value Stream

This provides a bird's eye view of the DevOps lifecycle across a portfolio of projects and programs. It provides complete transparency across project metrices for key stakeholders to make informed decisions.

Key Features

Unified dashboards for real-time portfolio and project status across the DevOps life cycle	Comprehensive lean metrics for gap analysis	Highly customizable KPIs and thresholds

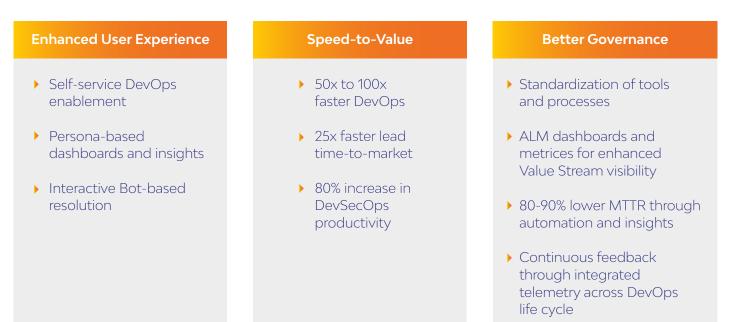|	
SLA management for DevOps sustainability	Persona-based governance

Discover

Assesses the maturity of existing processes and tools to establish a strong DevOps foundation. Streamlines process workflows to build a strategic DevOps transformation journey.

Key Features

As-is DevOps Maturity Assessment	Gap analysis and recommendations to re-align DevSecOps processes	Real-time tracking of DevOps Maturity Index

DevOps NorthStar view	Downloadable assessment reports

Value Realization

Enhanced User Experience	Speed-to-Value	Better Governance
▶ Self-service DevOps enablement ▶ Persona-based dashboards and insights ▶ Interactive Bot-based resolution	▶ 50x to 100x faster DevOps ▶ 25x faster lead time-to-market ▶ 80% increase in DevSecOps productivity	▶ Standardization of tools and processes ▶ ALM dashboards and metrices for enhanced Value Stream visibility ▶ 80-90% lower MTTR through automation and insights ▶ Continuous feedback through integrated telemetry across DevOps life cycle

Our Success Stories

LTI has a proven track record of successfully managing large-scale engagements involving diverse business domains and technology platforms.

Global Multinational Bank

Effectuated DevOps enablement for around 900 applications on multiple technologies and tools for a global multinational bank. The DevOps-enabled transformation delivered multi-fold benefits to the client with over 60% cost savings on maintenance and 40% faster DevOps enablement.

Leading Scandinavian Insurance Company

We facilitated a comprehensive DevOps transformation roadmap through an exhaustive maturity assessment for a leading Scandinavian Insurance company, eventually laying a robust foundation for their DevOps enablement and improving speed to market by 55%.

US-based Film Studio

A US-Based Film Studio wanted to improve their lead time and productivity while bringing down their operational costs. We helped them migrate their existing DevOps ecosystem on Azure to open-source tools like Jenkins and Git, thereby making them cost-effective, increasing productivity by 40%, efficiency by 25%, and reducing technical debt by 65%.

LTIMindtree

To explore the infinite possibilities for your enterprise visit
DevOps Transformation

or write to us at
info@ltimindtree.com