

canvas

Insights Fueled Software Delivery Acceleration

canvas  insights

canvas  resilience

canvas  workplace

canvas  aiops

What is Canvas 2.0?

Any significant IT program generates volumes of varied data at high velocity. The current market tools leverage this data for reporting and dashboarding to govern the value stream. However, these data assets have become the staple diet for highly developed AI algorithms to derive insights that are currently not being leveraged to their full potential.

Canvas by LTIMindtree focuses on building a knowledge fabric, correlating end-to-end Software Development Life Cycle (SDLC) assets. It also helps to deliver AI-nudged actionable insights to accelerate and harden the SDLC.

Outcomes

SMARTER

'First time right' decision-making

15-20%
reduction in defect
injection rate

Over 60%
reduction in defect/
incident resolution time

FASTER

'10X' throughput speed

10X
faster change impact
and dependency Analysis

30-40%
optimized regression
cycle

RESILIENT

'Trusted' application

Over 80%
accuracy in defect and
hotspot (risk) prediction

20-30%
improvement in
application availability

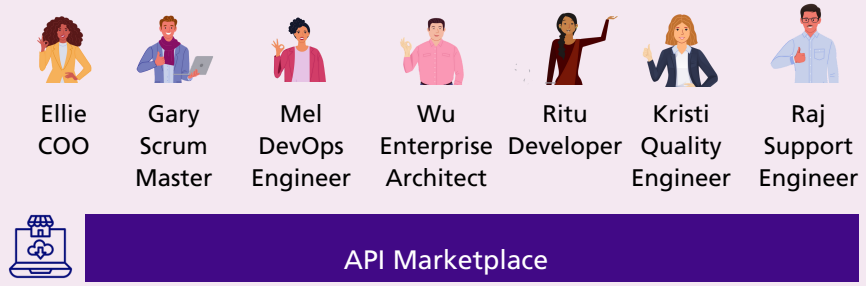


The Heroic Horse - Painting by Dhairya Singhvi, LTIMindtree, as part of Canvas - Battle of the Brush 2022

How it works?

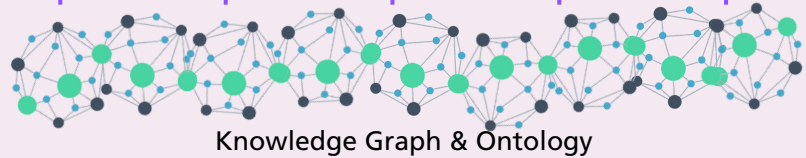
3. ACCELERATE

Driving insights-fueled acceleration across SDLC phases



2. CORRELATE

Deterministic and probabilistic Machine Learning (ML)/ Natural Language Processing (NLP) algorithms to create SDLC knowledge fabric



Probabilistic Clustering & Correlation



Deterministic Correlation

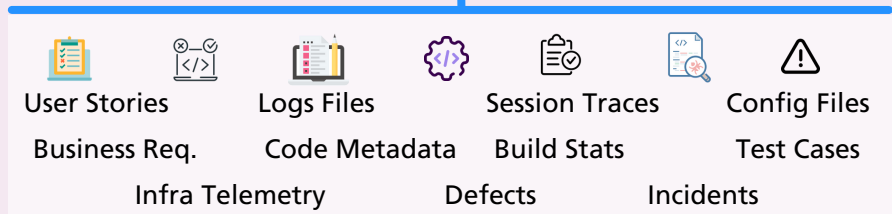


Organic Correlation



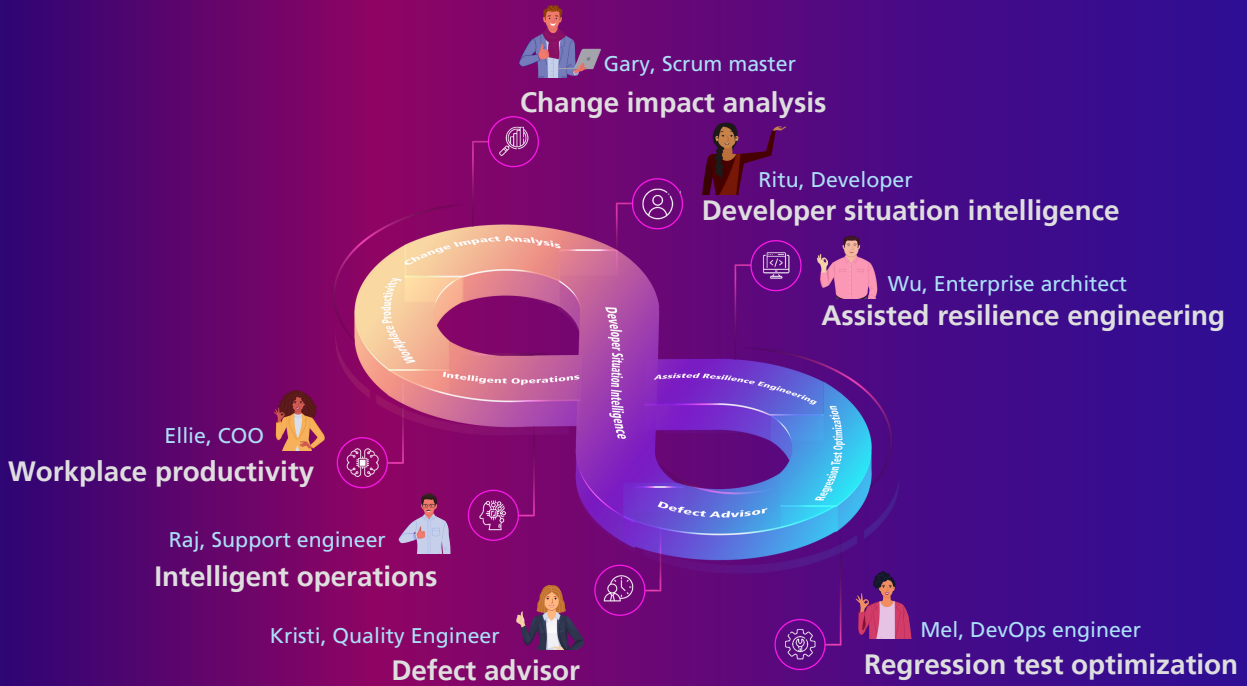
1. COLLECT

Varied and voluminous data across SDLC tools/ platforms



Use Cases

We focus on empowering the software delivery personas across the product engineering lifecycle with its insight-led use cases



Change Impact Analysis

- Analyze the risk of introducing a change
- Identify impacted SDLC entities with the knowledge fabric
- Analyze functional dependencies and SDLC hotspots

Developer Situation Intelligence

- Analyze code hotspots and dependencies
- Insights on developer velocity with Developer 360*
- Get code commit statistics and branch merge insights

Assisted Resilience Engineering

- Templated chaos engineering and orchestration
- Infrastructure and business process observability
- Insightful correlation of transactions and SDLC entities

Regression Test Optimization

- Code change impact-based regression testing
- Prioritize tests with insights on test hotspots
- Identify the opportunity for automation

Defect Advisor

- Identify defect-prone areas
- Close defects faster with an intelligent advisory
- Reduction in defect handovers with strong governance

Workplace Productivity

- Insights-driven persona-based digital workplace
- Contextual collaboration for software delivery personas
- Rapid onboarding via persona-specific infrastructure

Intelligent Operations

- Derive correlation of alerts/events in real-time
- Resolve issues with AI-driven recommendations
- Noise suppression, self-healing and guided resolution

Canvas 2.0 Solutions

canvas ≡ insights

Persona-Based Actionable Insights | Exploratory Insights | API Marketplace | 360° Entity View | SDLC Connectors

canvas ≡ resilience

Chaos Engineering | Site Reliability Engineering (SRE) Insights | Business Transaction Observability | Predictive Analysis

canvas ≡ workplace

Templatized Onboarding & Provisioning | Codified Ways of Working | Contextual Collaboration

canvas ≡ aiops

Secure Intelligent Operations | Rich Persona-Based Insights | Event Enrichment | Digitized Knowledge Capsules



A journey of resilience - Painting by Nimesh Shirisath, LTIMindtree as part of Canvas - Battle of the Brush 2022

Why Canvas 2.0?

Canvas addresses the latent need to leverage AI for insights-led decision-making and to stop productivity leakage. This one-of-a-kind platform focuses exclusively on insights-led use cases for software delivery acceleration.

Success Stories

20-25% acceleration in the defect turnaround-time (TAT) for a US-based insurer.

85% reduction in team onboarding & provisioning time for multinational BFS player

Proactive Identification and Resolution of Performance Issues for a Multinational BFSI Organization

Canvas 2.0 has won multiple awards as the best software development solution in artificial intelligence categories like Natural Language Processing Solution, Knowledge Management Solution, and Limited Memory Pattern Recognition Solution.

ISG (Information Services Group) Research, a leading global technology research and advisory firm, has published a paper on Canvas by LTIMindtree. You can download it at canvas.ltimindtree.com.

Scan the QR code to learn more



<https://canvas.ltimindtree.com>

For more information on Canvas 2.0 reach us at: Canvas.presales@ltimindtree.com

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 82,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit www.ltimindtree.com.