Brochure

LTI Canvas Insights
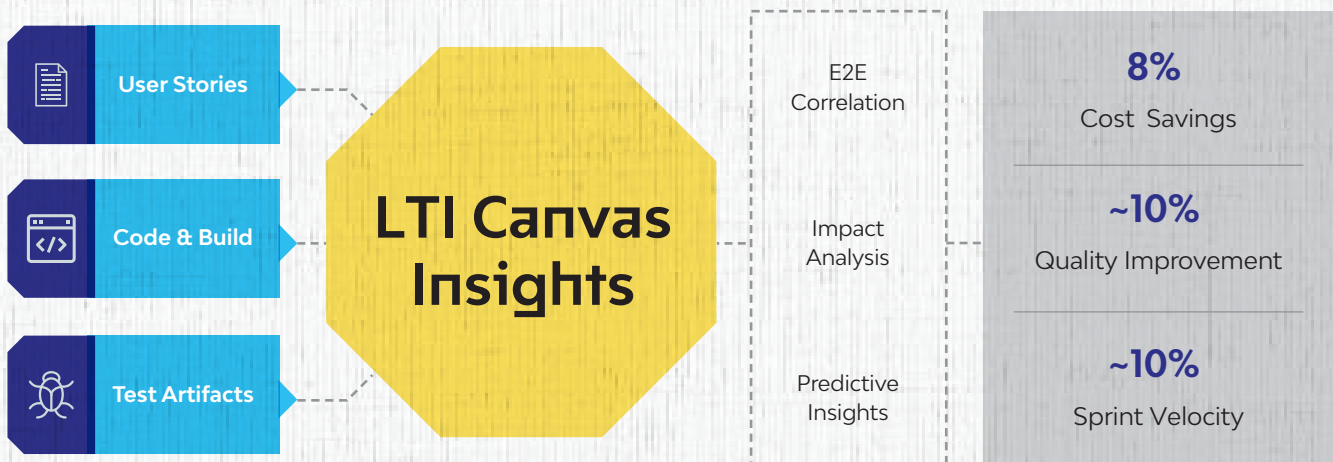
Delivering Step Improvement to Application Development

With increasing adoption of Agile and DevOps, the software development world has reached its productivity peak. This has been achieved by reconfiguring skills, changing mindsets and automating components of what constituted an SDLC. So what's next? How can we achieve even greater agility and speed?

At LTI, we believe that adoption of New Ways of Working (NWOW), powered by AI will help developers reach high productivity and Quality at Service (QoS). AI-powered Agile and DevOps platforms, bot-assisted development, and auto-healing systems will drive the next wave of productivity.

Business challenges

- Brute force DevOps automation deliver only incremental outcomes
- Limited resources with SME knowledge and dependency risks
- Velocity of value delivery is hampered by inefficient impact analysis, defect resolution and regression bloat

LTI Canvas Insights

User Stories

Code & Build

Test Artifacts

LTI Canvas Insights

E2E Correlation

Impact Analysis

Predictive Insights

8%
Cost Savings

~10%
Quality Improvement

~10%
Sprint Velocity

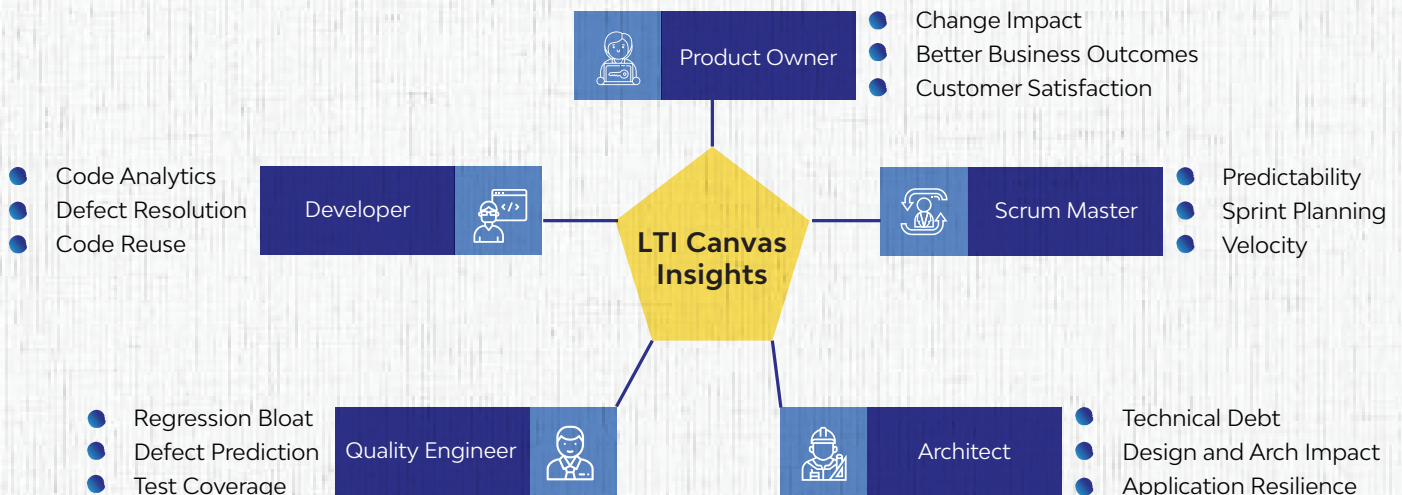Enables software teams to deliver step improvement in application development throughput

Provides rich insights to the SDLC team for right interventions early in the lifecycle

Brings in predictive capabilities into the application development lifecycle

How it works

- Key data such as requirement documents, test cases, code repository, defect log, application log is generated across the SDLC lifecycle

- LTI Canvas Insights gleans this data from SDLC tooling, applies ML/ NLP to build a cognitive search, and creates end-to-end correlation across the lifecycle

- Once the correlation is in place, it allows various SDLC personas to seek insights for their respective specialities

Personas assisted by LTI Canvas Insights

Product Owner
- Change Impact
- Better Business Outcomes
- Customer Satisfaction

Developer
- Code Analytics
- Defect Resolution
- Code Reuse

LTI Canvas Insights

Scrum Master
- Predictability
- Sprint Planning
- Velocity

Quality Engineer
- Regression Bloat
- Defect Prediction
- Test Coverage

Architect
- Technical Debt
- Design and Arch Impact
- Application Resilience

Key features

Sprint Planning

Effective decision-making, with right identification of team and skills for better sprint and workload planning.

Change Impact

Analyzing the level of impact of a change on application features, source code and test cases.

Test Optimization

Identifying optimal number of test cases to be executed based on risk and criticality of change.

Defect Advisor

Provisioning the most likely and similar defects that match with newly identified defects for faster resolution.

Code Analytics

Improving productivity of developers and early identification of defect injection hotspots.

Knowledge Transition

Creating a knowledge fabric by correlating business flows to code modules for low touch transition.

Key benefits

Change impact

15-20%

faster impact analysis

Code analytics

15-25%

improvement in code quality

Test optimization

30-50%

reduction in regression testing

Defect advisor

20-30%

faster defect resolution

Sneak peek

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 400 clients succeed in a converging world. With operations in 31 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTItes enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at http://www.Lntinfotech.com or follow us at @LTI_Global.

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