# LTI
Let's Solve

Digital Solutions

Contents

01 Company Score Card

Organizational data is very important and when it is used to make important decisions such as funding initiatives, it becomes crucial. Easy access to operational metrics is the need of the hour and decisions based on operational data insights can really help organizations cut down the bottom line and enable faster decisions.

LTI's Company Score Card is a smart solution that controls the display of important information and KPIs based on organizational data through a Voice User Interface. The application is designed for the user to interact in natural language and the solution picks up important keywords during the conversation to display the insights based on pre-defined algorithms. The solution is built for use on multiple form factors and has access to different organizational functions such as HR, Finance, Operations and Sales.
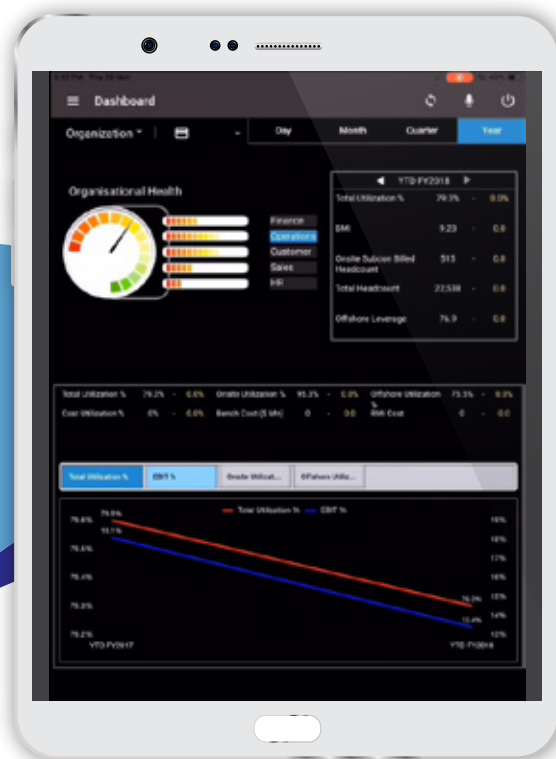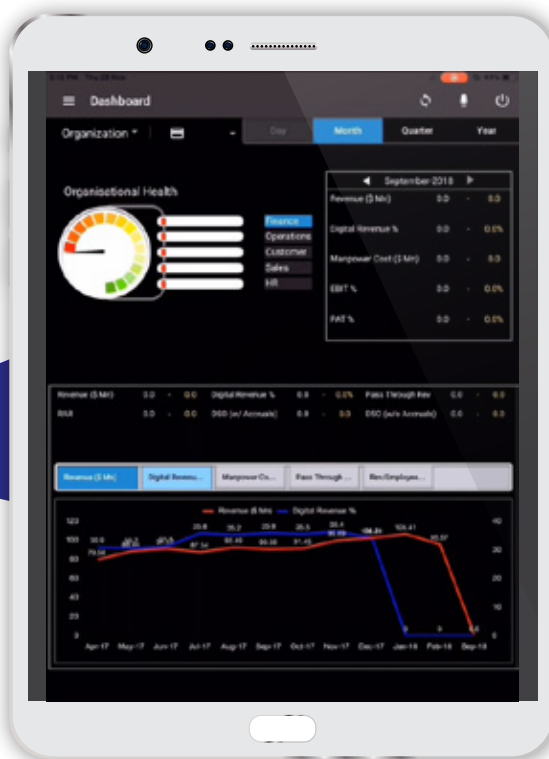
02 LTI Dashboards

Data is the new fuel. Decision makers frequently need a one view of important KPIs that can really affect the profitability of a business. Decision-making teams need a platform that reveals important insights about the business and to which they have access anywhere anytime.

LTI Dashboards is one such solution that can really leverage the power of data and help create benchmarks that can be utilized for important decisions. The solution is built on a robust Mosaic platform that channelizes data from disparate sources and helps to create algorithms that can enable business teams to draw important insights. A single view of these insights is further leveraged to take important business-related decisions.

03 Digital Workplace
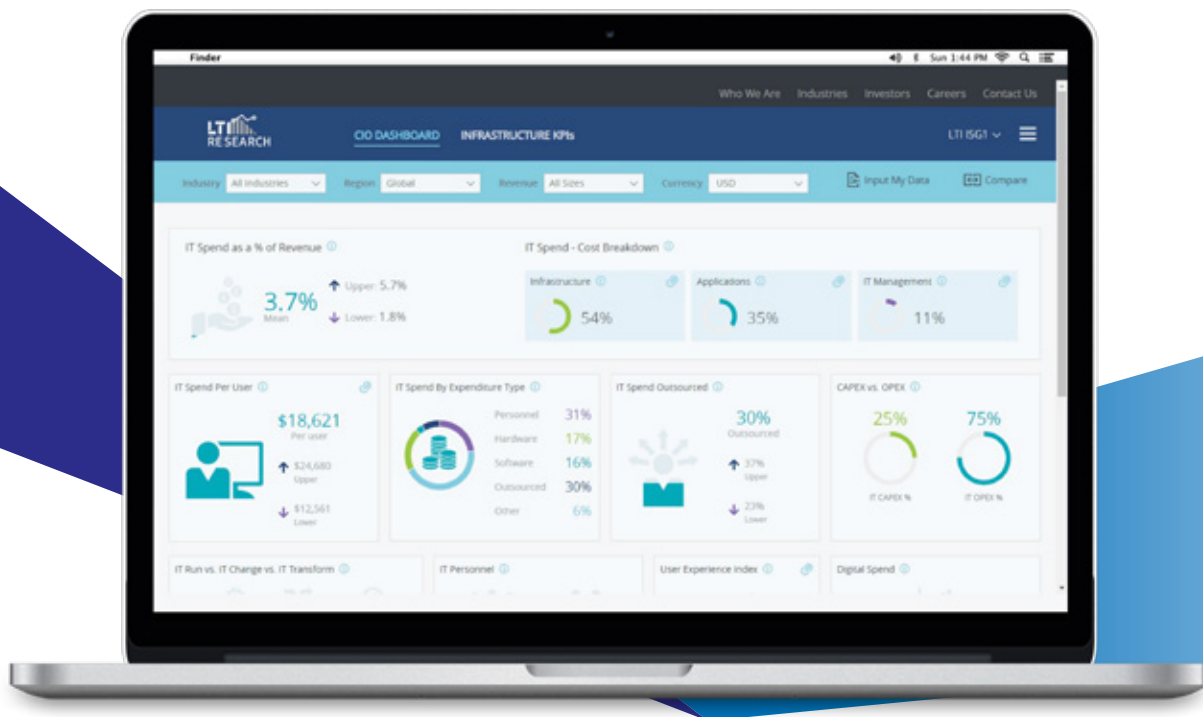
Digital Age organizations need to be productive and on the go. They need a workplace that is flexible and anywhere anytime accessible.LTI's Digital Workplace services are focused on templatized content lifecycle management, workflows, search and archival, collaboration using groups, forums, social channel, blogs, Wikis etc. These platform-based offerings also help the workforce communicate effectively using emails, messengers, web conferences, group chat, screen sharing, video conference etc.

LTI enables dashboards, reports and activity-based analytics that can help better decision-making for the workforce while remaining compliant to region specific norms. LTI's Digital Workplace platform includes templatized solutions for business specific use cases that can be leveraged for faster value realization. Some of the use cases where Digital Workplace helps the organizations get the maximum RoI are Transition Management, New Member Onboarding, Knowledge Management, Ideation and Innovation, Learning and Development and more.

1. New Customer Onboarding can include activities such as User Access and permission management, Compliance Management, Training Management, Application Knowledge Transfer, and Collaboration and Support etc.

2. Transition Management includes activities such as Application KT Management, Risk Management, Automation Planning and Tracking, Governance and Compliance, Transition Escalation Management and more.

3. Learning and Development platform provides an opportunity to learn and includes courses that are aligned with all the learning requirements of project members. The platform also recommends learning courses based on individual profile and captures the learning through a Learnability Index.

04 LTI Apps

Large organizations have multiple business functions that need a common interface and a standardized way of operations. Most of these activities need a quick turn around in the Digital Age and are operations that need a digital format for effective engagement.

LTI Apps is a One Single Container application that permits all internal and external employees to oversee business exchanges, get to efficiency apparatuses, and manage news, recordings, interchanges, and other requests through one single application on their devices. Some of the features are authentication via fingerprints, one touch approvals, single view of employee's historical data, Bot-based ticket creation and resolution, digital ID Cards and more.
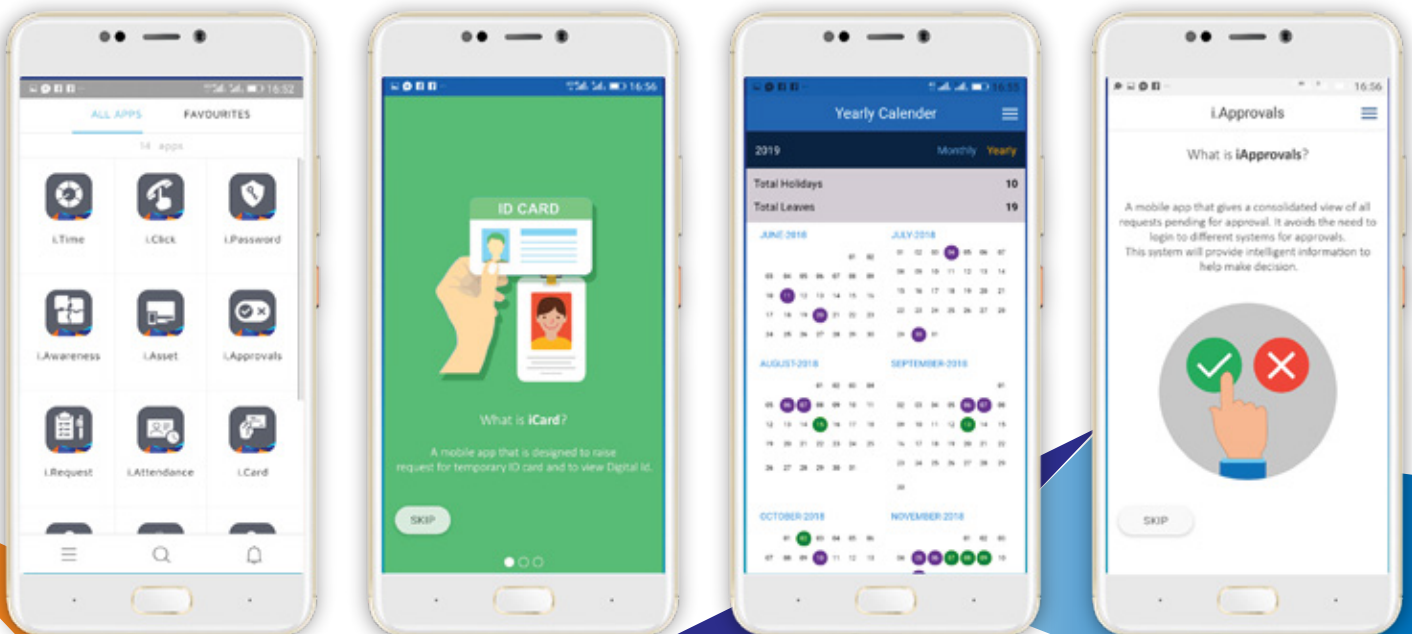
05 Customer Onboarding Solution

In the digital age, customers need quick turnaround on everything even if it is an activity such as opening a bank account, which typically takes quite long.

LTI's Customer Onboarding Solution can help firms reduce their customer onboarding time to less than 30 minutes. LTI deployed this solution for a French bank operating in Africa and helped them increase market share, provide better services and reduce operational costs. The solution lets customers check balances, pay bills, make transfers and complete other financial requests such as cheque Book request, ATM card request etc. The solution has been a success since deployment and also won the third place in the 2017 Pan-African Innovation Challenge. It is currently being modeled and rolled out to the bank's subsidiaries in 12 African nations.
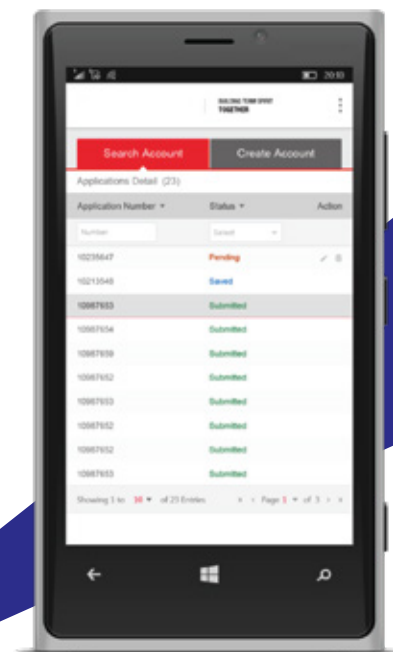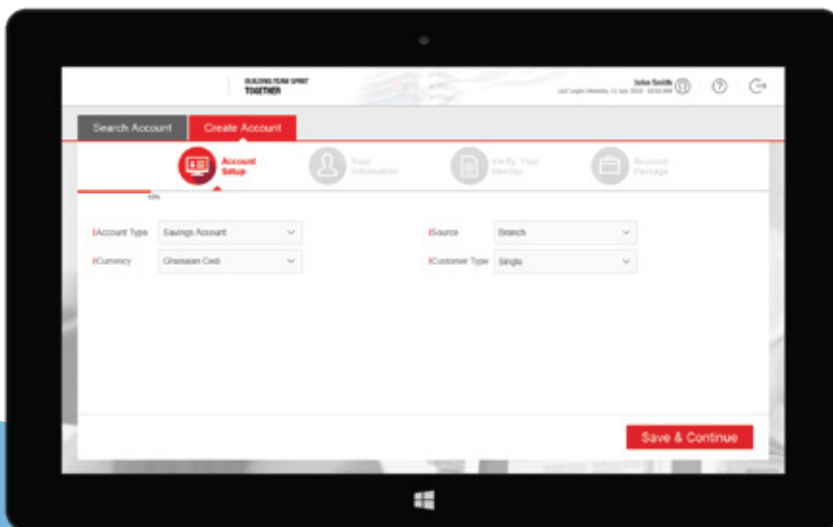
06 Convoke for Global Meetings

Digital age enterprises have globally spread out teams that want to remain connected. Bringing these mobile teams together on a platform for a joint decision-making is a challenge facing large enterprises today.

LTI's Convoke is an innovative meeting management solution that automates meeting activities, digitizes paperwork, eliminates paper-based processes with automated online processes and enables virtual meetings for globally spread out teams. This solution is an end-to-end digital solution for managing

meetings in a centralized meeting environment. Two major components of the solution are Admin Portal that enables the meeting host to manage meetings efficiently, which can be done irrespective of the size of the enterprise; and Tablet-based Client that enables members to view meeting details, circulate annotations and comments, have personalized watermark and signature and offline access to meta data. Convoke aims at simplifying the meeting experiences and ensuring a speedy and hassle-free meeting outcome.

07 Agri-Central

According to UNO, "By 2050, the global population is expected to increase by almost 40% to 9.6 billion people. To feed this drastically increasing population, the UN Food and Agriculture Organization (FAO) predicts that the agriculture industry will need to produce 70% more food while only being able to use 5% more land presents a daunting challenge for the global farming industry."

LTI's Agri-Central solution enables next-gen farmers to leverage digital technologies for recording the farm location and farm specific information for personalized advisory in their preferred language. The solution also enables an instantaneous diagnosis of pest attack and crop diseases by uploading images. By following the advice given by Agri- Science Expert solutions, smart farmers can protect their crop from losses. There is also a one-touch comparison of daily prices and a market view of the crops and related prices.
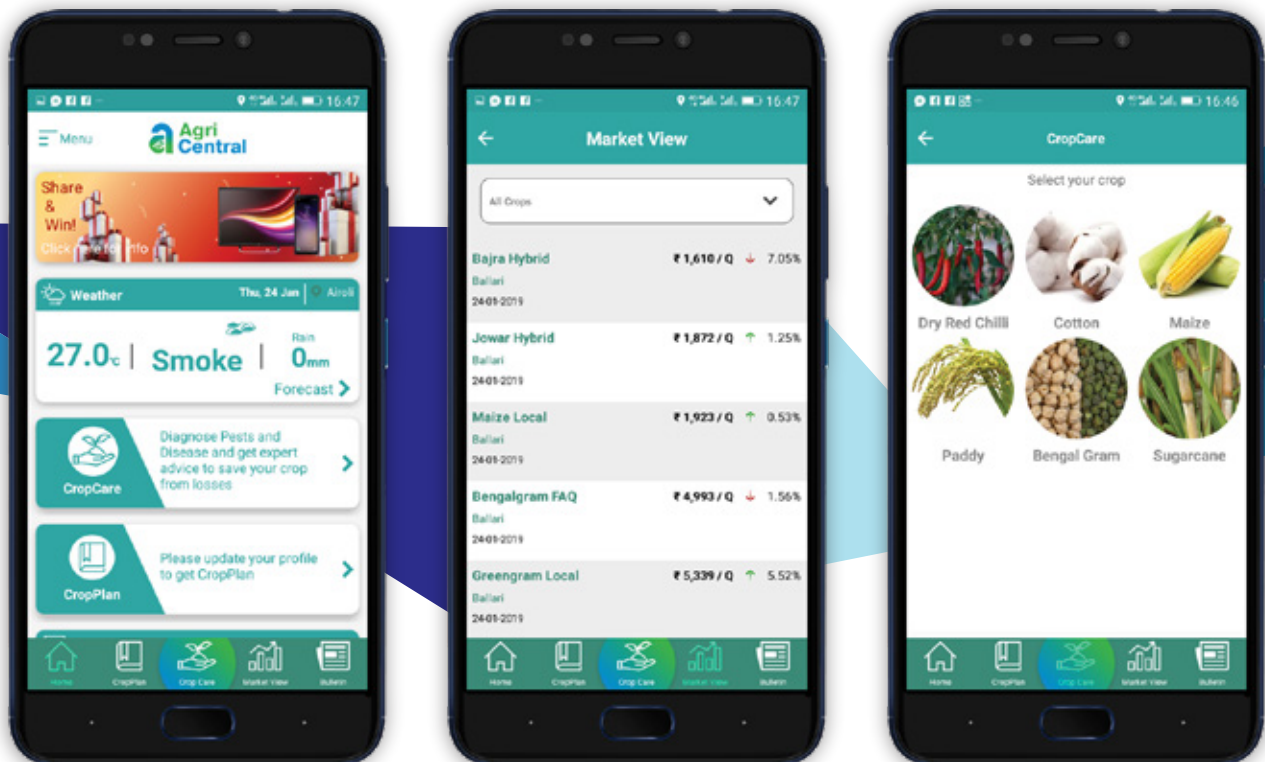
08 FieldON

Operational efficiency is something that is of utmost importance for large organizations with operations in domain areas such as Manufacturing, Engineering & Construction, Power Plants, Utilities and Automotive. There is a continuous demand for the digitization of operations and mobile enablement of the field forces for a quicker turn around.

LTI's FieldON solution is a field services solution for employee productivity and field service management. FieldOn has a suite of applications to apply mobile technology to the field force for optimized operations and asset performance by enabling them to create, assign and update work orders on the fly. It also enables role-based access adhering to the organization's operating model resulting in approximately a 20% increase in productivity of the field force.

09 (M)Any to Mulesoft

Enterprise application integration is evolving rapidly to align with the organization's Digital transformation strategy. As part of digital transformation, organizations are looking forward to futuristic, agile, flexible and cost-effective solutions. This will help them prepare for the future, reduce time to market and cut down on capital expenditure.

LTI offers a robust migration solution, which addresses all probable business and technology challenges that could occur while migrating to a new integration platform. This solution has four major components: Sanity Check, Customization, Migration, and Reporting.

LTI's TIBCO to MuleSoft Migrationsolution

Sanity Check

Analyze the process flows for main & common processes, shared resources etc.

Generate analysis on:
1. Types of Palette used and spread in processes
2. Feasibility on auto migration, manual intervention, total effort required etc.

Migration

Migrate ESB processes, sub-process, Global variable and utilities to MuleSoft

Customization

Customize migration based on the analysis report and new requirement i.e. replacing "X" adapter with "Y" connector of MuleSoft

Reporting

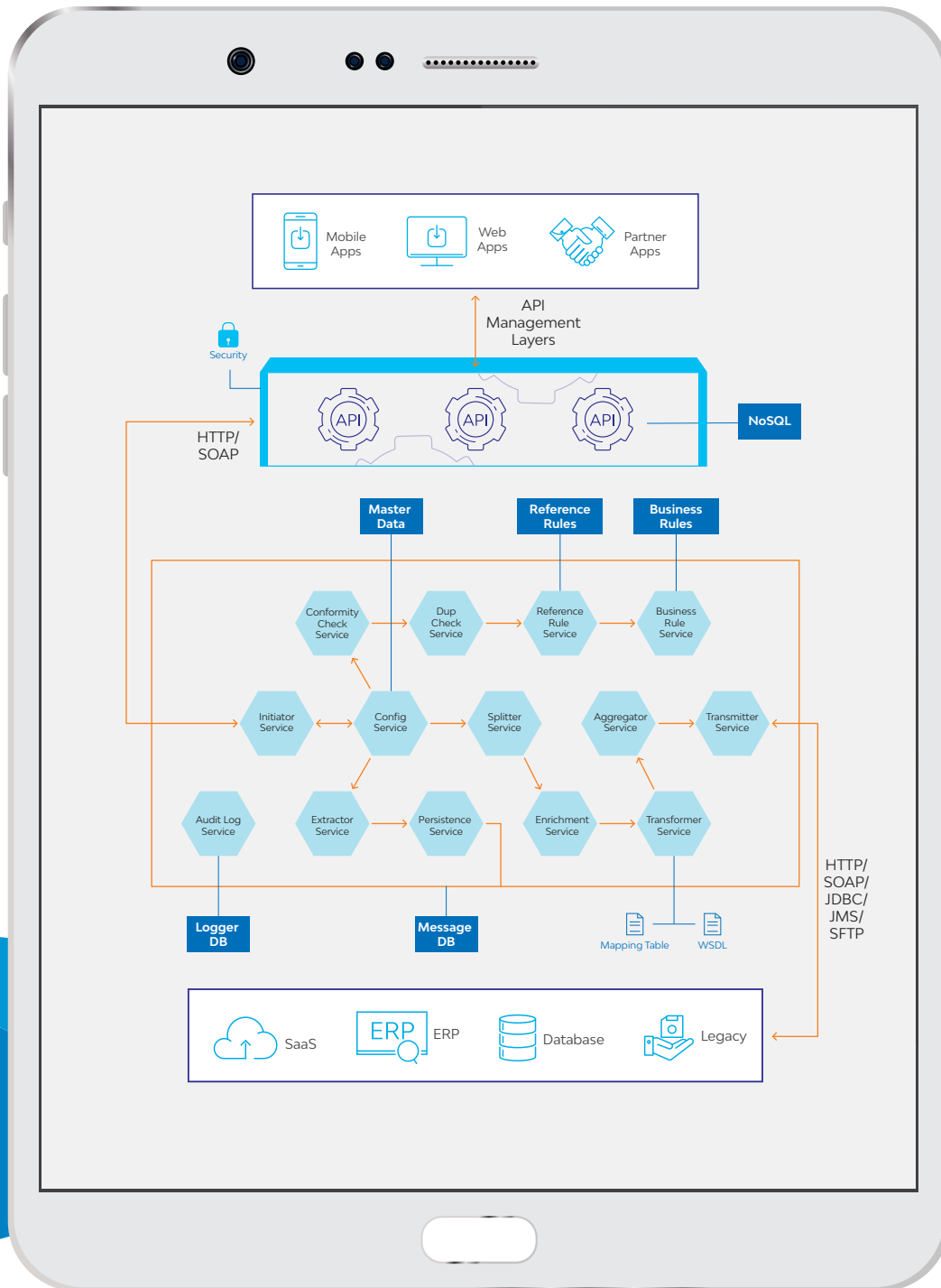**Generate final actionable migration report**

10 Microservices Based Integration Framework

The transformation of enterprises into digital businesses demands flexibility in how integration capabilities are achieved. Business-oriented roles with limited or no IT experience require integration technologies to support business requirements through self-service. The need of the hour is easy-to-use, configurable technologies that enable citizen integrators to build and consume integration flows using cloud-based integration platforms. These platforms allow business users to solve simple integration issues through direct, "hands-on" involvement. However, today's integration infrastructures, which are still largely the established turf of well-known technologies such as enterprise service buses (ESBs), data integration tools, B2B gateways and even integration platform as a service (iPaaS), often aren't up to the task. By 2021, at least 50% of large organizations will have incorporated citizen integrator capabilities into their strategic integration infrastructure.

API-Led, Microservices have emerged as a solution to enable citizen integration to build integrations that are scalable, flexible and agile and help improve development quality. It enables developers to break solutions apart into smaller components that can be independently developed, enhanced and replaced thereby facilitating flexibility, agility and scalability while reducing costs.

LTI's Microservices Based Integration Framework (MBIF) enables faster development of Microservices and offers all the benefits of Microservices architecture. MBIF comprises of a set of Microservices that perform specific tasks such as message persistence, payload conformity check, business rules validation, message transformation and transmission etc. It also provides citizen integration, easy to use interface to create services, integration process flows and sequencing of service in the process flow.

Mobile Apps • Web Apps • Partner Apps

API Management Layers

Security

HTTP/ SOAP

API • API • API

NoSQL

Master Data • Reference Rules • Business Rules

Conformity Check Service → Dup Check Service → Reference Rule Service → Business Rule Service

Initiator Service → Config Service → Splitter Service • Aggregator Service → Transmitter Service

Audit Log Service • Extractor Service → Persistence Service • Enrichment Service → Transformer Service

Logger DB • Message DB • Mapping Table • WSDL

HTTP/ SOAP/ JDBC/ JMS/ SFTP

SaaS • ERP • Database • Legacy

11 PaaSify - Cloud Re-engineering Assistant

Over the past few years, enterprises have started leveraging cloud for infrastructure in a big way, to stay ahead of competition, we have seen clients launching aggressive projects for moving their data centers to cloud. Once these data centers are moved, next logical step is to migrate the applications to cloud. This is where the struggles start, as migration of applications and data services to the cloud involves risks – cost, sizing of environment or options to choose for cloud etc. There is a strong need in the market to have a tool which will do cloud migration assessment while ensuring SLA's are maintained after migration. This will enable to carve out right migration strategy.

LTI's Cloud re-engineering assistant (PaaSify) is a self - driven portfolio analysis   tool, augmented with assessments and recommendations, that adds value to your Cloud Transformation journey. It addresses an important white space of automated application readiness assessment, reporting and decision support for migrating on-premise applications to a cloud native stage. It also helps enterprises devise an overall right-fit strategy for adopting the cloud. The assessment will help customers to understand their current applications setups and architectural challenges, to determine the value for moving on to the cloud. LTI's tool analyzes the applications source code across more than 70 criteria to report incompatibilities and makes suitable recommendations for re-factoring and re-architecting the code, module or project. Later, generate reports to summarize analysis results, like effort sizing, business impact, migration complexity providing cloud readiness score.

The tool enables automated migration assessment for cloud enablement, saving 70% of analysis time and reducing almost 60% of migration efforts. It generates realistic time and resources estimates to modernize applications for running in the cloud, including flexible ways of planning project-based refactoring work. PaaSify also aids in devising apt cloud strategy adoption and decision making in large digital transformation initiatives through focused business cases.

12   DevOps Platform
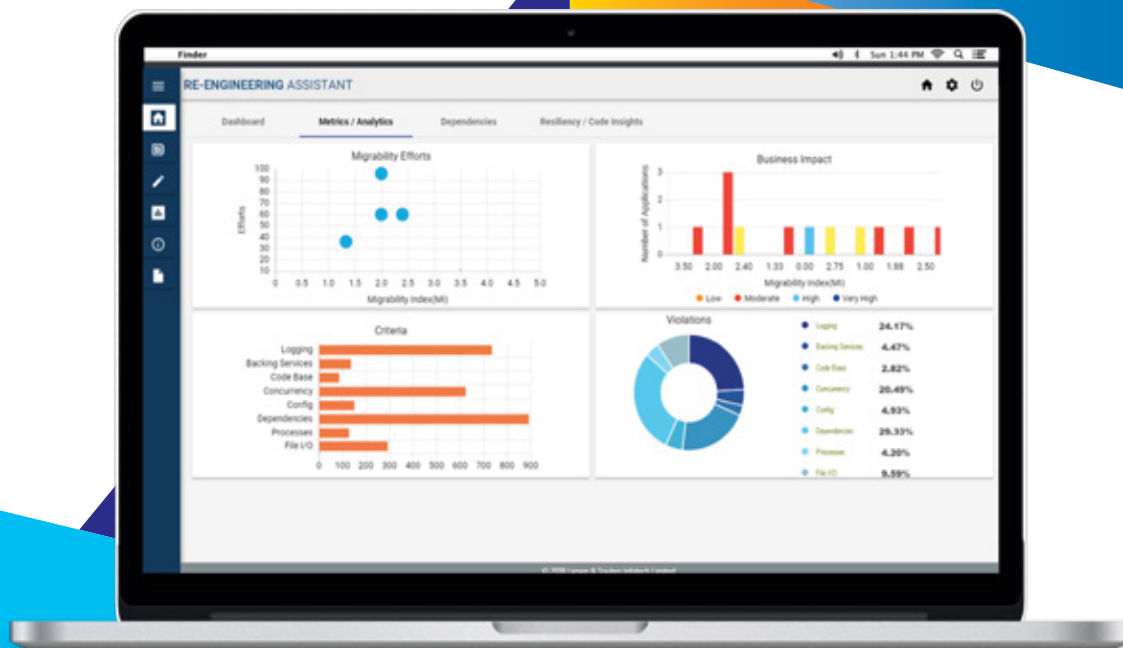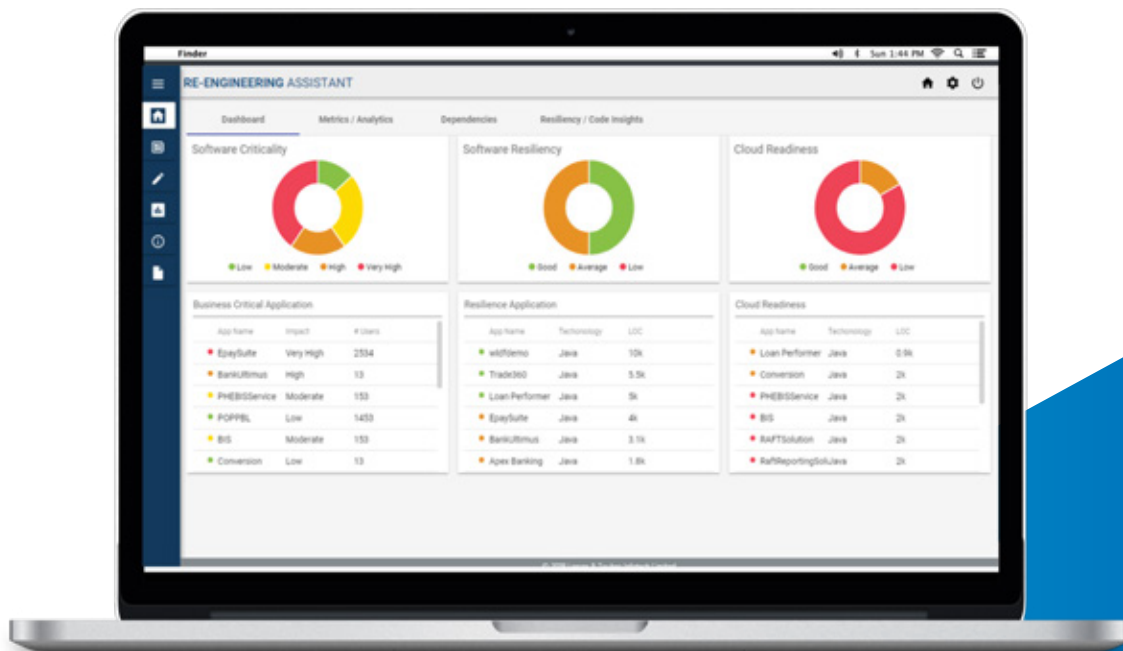
IT organizations today are looking towards DevOps to address long-standing challenges in software delivery such as long time to market, high operating costs, sustaining productivity and the biggest challenge of all – adapting to change. The tremendous success that companies like Netflix and Uber have achieved due to DevOps has caught everyone's eye. However, due to a lack of definition or consensus, and an abundance of various tools and technologies, it can be daunting for an organization to commence their DevOps journey.

LTI's DevOps Platform is a suite of DevOps solutions that customers can leverage for rapid DevOps enablement within their projects through a self-service experience, agnostic towards different technologies being utilized while at the same time being extremely customizable for diverse applications and workflows. It binds together all the essential components that go into a DevOps architecture while baking in industry standard best practices.

It is a one stop DevOps solution that supports the most widely used development platforms, integrates with multiple tools & technologies and provides automated continuous integration-continuous delivery pipelines. It enables an automated setup of a DevOps environment consisting of user-selected tools, automated onboarding of projects to this environment, generation of CI/CD pipelines and governance across the ALM lifecycle. All this is provided through an Integrated DevOps platform with a rich user experience. It enables unified governance across portfolio of projects with increase deployment frequency and reduced time-to market. It is a tool agnostic solution, providing self service DevOps experience.
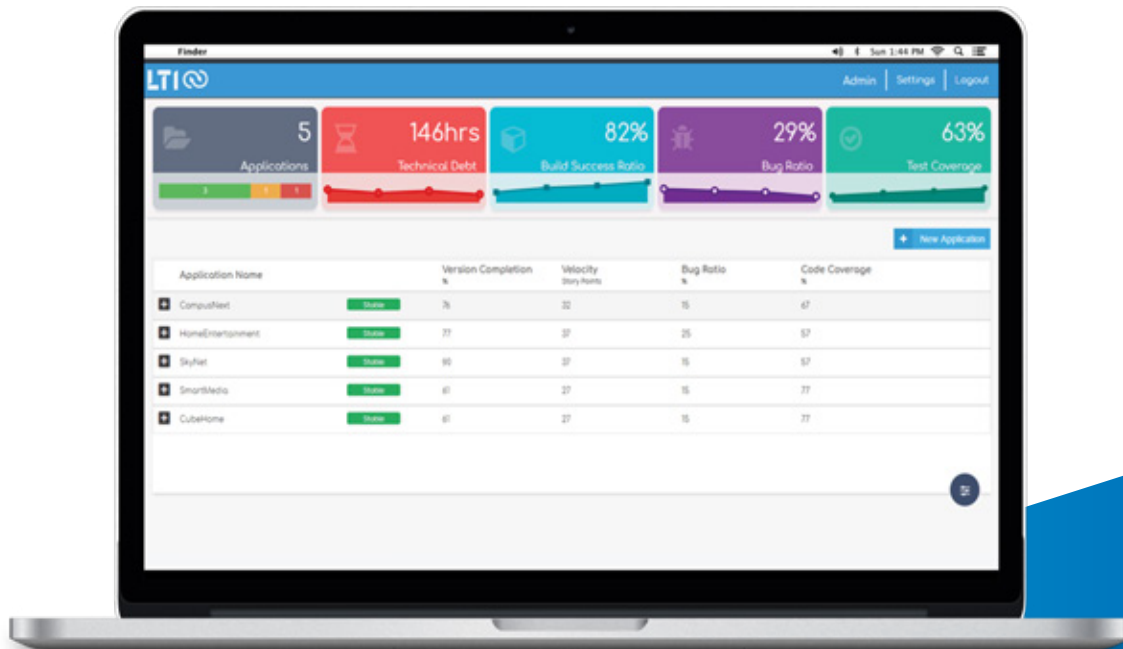
LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 300 clients succeed in a converging world. With operations in 30 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 27,000 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 www.Lntinfotech.com or follow us at @LTI_Global

Email: info@Lntinfotech.com

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