

LTI/SE/STAT/2020-21/104

December 9, 2021

National Stock Exchange of India Limited Exchange Plaza, Bandra-Kurla Complex Bandra (E), Mumbai - 400 051 **NSE Symbol: LTI** The BSE Limited, Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai - 400 001 **BSE Scrip Code: 540005**

Dear Sirs,

Sub: Analyst Day Presentations Ref: Our Letter dated December 7, 2021

With reference to our letter no.: LTI/SE/STAT/2021-22/100 dated December 7, 2021 informing the Stock Exchanges on holding the Analyst Day today.

In this regard, please find enclosed the copies of the presentations that will be made available to the Analysts.

The presentations are also made available on the Company's website viz. www.Lntinfotech.com/Investors.

This is for your information and further dissemination.

Thanking You, Yours sincerely, For Larsen & Toubro Infotech Limited

Angna Arora Interim Compliance Officer



Larsen & Toubro Infotech Ltd.

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Solving for the Great Restructuring

Sanjay Jalona, CEO & Managing Director 9th December 2021

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Six degrees of separation

Six sigma

Six pack

Sixth sense

Sixth Analyst Day of LTI, and...

Six reasons that make us positive about the post-pandemic world

Expectations from LTI

2016

Can LTI reduce dependence on the top client? 2017

How is LTI differentiated vis-à-vis competition? 2018

Can LTI remain #1 challenger in the market? 2019

How is LTI getting ready for the future? 2020

Can LTI sustain growth after the pandemic?



Run rate of \$2 Bn

Market cap of over

₹1 Tn

Acquisitions



ESG rating by MSCI



Purpose	Vision	Mission C	ore Beliefs	Culture						
		O2T	Be agile							
Let's Solve	Pioneering Solutions in a Converging World	D2O Powering the Breakaway Enterprise	Push the frontiers of innovation	Shoshin						
			Keep learning	511031111	ESG leadership					
		DTC	Go the extra mile	Ubuntu	reddersnip					
		EX	Solve for society							
A robust framework to institutionalize										

A robust framework to institutionalize success for the next 25 years

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Questions on Your Mind Today...

ALL INT

What's really driving this demand for the industry?

How long will it last?

How will LTI win a larger share?



/ IN MARTINE

Reasons

We are confident of emerging stronger in the post-pandemic world

Secular demand, in line with our expertise

The Great Restructuring

New Spend Areas

The Great Resignation

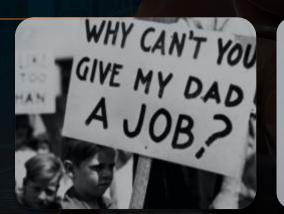
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Secular demand, in line with our expertise

The Great Restructuring

New Spend Areas

The Great Resignation



The Great Depression Aug 1929 – Mar 1933

The Great Recession Dec 2007 – Jun 2009 The Great Restructuring Nov 2019 onwards

Secular demand, in line with our expertise

The Great Restructuring

New Spend Areas

The Great Resignation

ESG

Cybersecurity

Digital, Data, Cloud

Secular demand, in line with our expertise

The Great Restructuring

New Spend Areas

The Great Resignation

Annualized wages are rising at **4.5-5.0%**, highest in last 20 years

10.5 Mn job openings, as against7.4 Mn unemployed workers

According to Gallup, **48%** of employees are actively searching for new opportunities

2. Capabilities

We have been investing in relevant capabilities

Mature vertical capabilities across chosen domains Scaled up, ecosystem driven cloud and data services Innovative & Agile productized IT organizations Design-led end-to-end reimagination & transformation

3. Talent

We are well-prepared to win the war on talent

Headcount -



Yin-Yang Model

Expanded ecosystem with Day 0/1 preference

Highly effective referral & green channel programs

Satellite offices in India

Glocalization focus – USA delivery team

Rapidly growing employer brand

Next generation talent platform

A robust blueprint for continued growth

CHIP framework

Next-gen marketing and branding

Strong alliances and partnerships

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A robust blueprint for continued growth

CHIP framework

Next gen marketing and branding

Strong alliances and partnerships



Consolidate

and grow existing areas of strength



existing growth engines



Incubate

new growth

engines

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Strategic Programs for next gen sales transformation

A robust blueprint for continued growth

CHIP framework

Next gen marketing and branding

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Data Products



Cloud



NWoW

Strong alliances and partnerships

A robust blueprint for continued growth

CHIP framework

Next gen marketing and branding

Strong alliances and partnerships

Snowflake Global Innovation Partner of the Year



Temenos Service

Partner of the Year



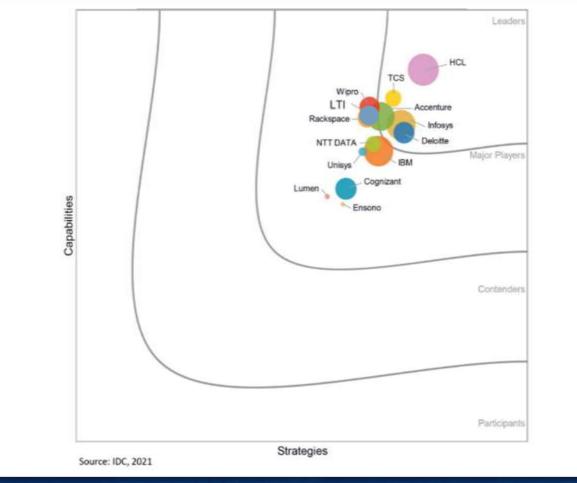
🔥 Azure

Google Cloud

Highest level of partnership with all hyper scalers



ISG Provider LensTM Digital Business Solutions and Services 2021





IDC MarketScape: Worldwide Managed Multicloud Services 2021 Vendor Assessment



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FOSFOR



5. Team

An enviable management team

Expanded sales leadership

Stronger country leadership

Global delivery units

LT1

Operational Resilience High-quality growth with predictable margin

Our heritage

Enviable client base

Balanced portfolio

ESG roadmap 2030

6. Operational Resilience

High-quality growth with predictable margin

Our heritage

Enviable client base

Balanced portfolio

ESG roadmap 2030

\$21 Bn Turnover Problem solving DNA

Unmatched corporate governance standards Active role in client acquisition & expansion

6. Operational Resilience High-quality growth with predictable margin

Enviable client base	Fortune 500 clients	\$1 Mn clients	Top 20 YoY growth in Q2	New clients added in Q2
• Balanced portfolio	71	180	19.8%	25
• ESG roadmap 2030				

6. Operational Resilience High-quality growth with predictable margin

Our heritage

Enviable client base

ESG roadmap 2030

Balanced portfolio

Global

Diversified

Client-Centric

6. Operational Resilience

High-quality growth with predictable margin

Our heritage

Enviable client base

Balanced portfolio

ESG roadmap 2030

Carbon neutral Increase share of renewable energy by 50% Increase diversity by 30%

Plantation drive 2 Mn+ trees

Editorial credit pio3

LTI ECOE Focus on first principles thinking

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Edge

Focus on first principles thinking

Understanding the second order effects

Edge

First principles thinking

Understanding the second order effects

Deep belief in the Red Queen Effect

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Edge

First principles thinking

Second order effects

Deep belief in the Red Queen Effect

Ability to seize the middle

Let's Solve

111

Shareholder Value Creation

Anil Rander Chief Financial Officer 9th December 2021

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LTI Snapshot the Last Twelve Months

^{Revenues} \$1.85 bn	YoY Growth 16.0%	5 year CAGR 13.5%		Utilisation (ex trainees) 83.5%	Quarterly annualized revenue	
^{евіт} ₹ 24,995 Mn	EBIT margin 18.3%	YoY Growth	5 year CAGR 23.0%	Offshore mix 82.6%	crossed \$ 2 bn mark in Q2FY22	
^{Net Profit} ₹ 21,136 Mn	Net Profit margin 15.5%	YoY Growth 26.0%	5 year CAGR 18.3%	Headcount 42,382	Best ever Q1 sequential growth in Q1FY22	
Operating cash flow ₹ 19,168 Mn	OCF to NI% 90.7%			Countries 33		
Dividends paid ₹ 8,740 Mn	Payout ratio 41.3%			Delivery Centers 34	 Best ever and all-time high sequential revenue growt in Q2FY22 	

Note: All figures pertain to LTM , unless otherwise specified

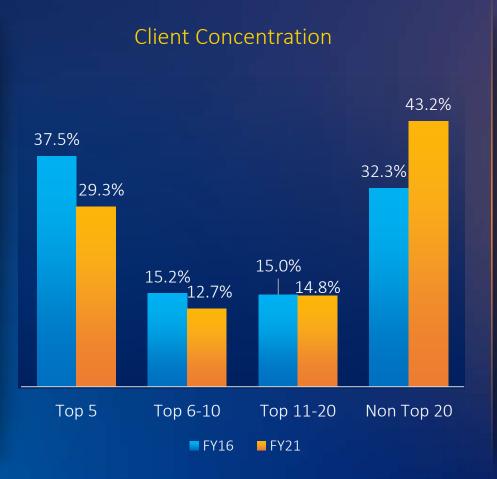


Annual Revenue (\$ Mn)

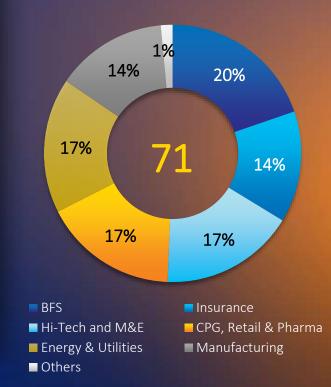


Partnering with Clients for Growth

Client Mining Yielding Results Q2FY16 Q2FY22 \$100 Mn+ 1 1 \$50 Mn+ 3 7 \$20 Mn+ 8 21 \$10 Mn+ 19 43 \$5 Mn+ 32 71 \$1 Mn+ 85 180

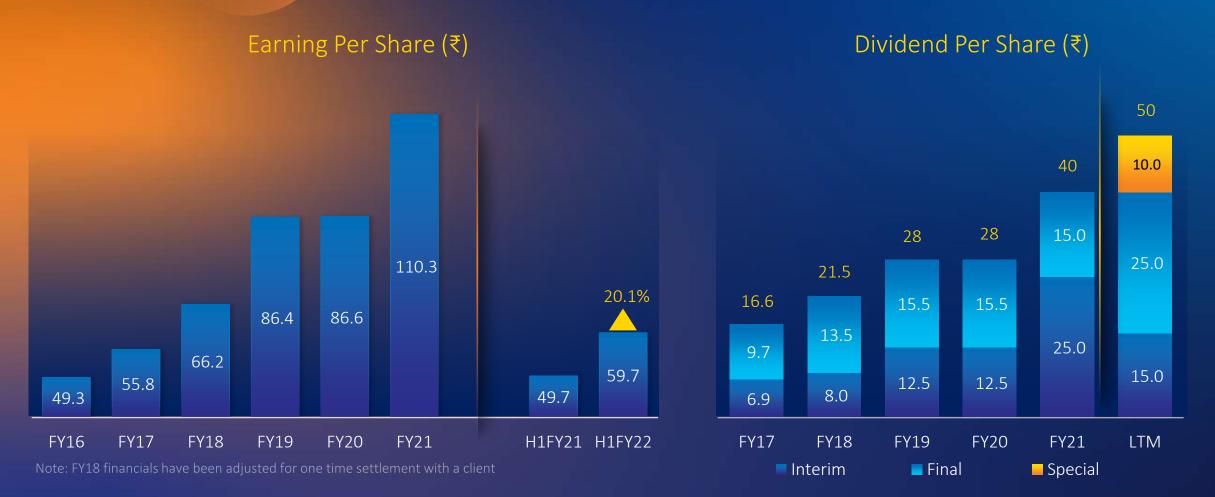


Spread of Global Fortune 500 Clients



Note: As of H1FY22

Increasing Shareholder Returns



Investing Back Into...





Capabilities Fueling the Great Restructuring at LTI

Nachiket Deshpande COO & Executive Board Member 9th December 2021



...in the new Restructured World

across industry verticals & service lines



Leadership positions by analysts in key areas like Banking, Insurance, Life Sciences, Energy

More than 40% of our portfolio in new age areas of cloud, data & digital

Tech radar to spot future trends (e.g., data-on-cloud more than 40% of our data portfolio)

...in the new **Restructured World**

across industry verticals & service lines

building a world class ecosystem



Upgraded to top tier partnership with 80% of our strategic partners

Built NILE platform onboarding more than 9000 startups

Deep academia research with leading institutes in new age areas

...in the new **Restructured World**

across industry verticals & service lines

building a world class ecosystem

positioning us to accelerate our leadership

...in the new **Restructured World**

Over the past 5 years...

Doubled our leadership positioning for industry and practice capabilities across analysts

4 out of 6 industry verticals have top rated CAGR compared to top 5 Indian IT players

8X growth across cloud, data and digital service lines

5 strategic platforms being used by Fortune 500 companies

Highest levels of partnership with key strategic partners

#1 in Everest Group's Service Provider of the Year Challenger List for three years

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Evolving client expectations from annual CSAT survey



The Four Critical Capabilities that have to come Together to Win Dispropriately

in this New 'Restructured' World...



Deep expertise in industry verticals



Scaled up, Ecosystem driven cloud & data services



Innovative & Agile productized IT organizations



Design led end-toend reimagination & transformation



Deep Domain Experise

Banking & Financial Services

Harsh Naidu Chief Business Officer, Banking & FS 9th December 2021



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A Truly Global Unit



10 systemically critical banks across 9 key markets

50+ key wealth managers across the globe

3 Top 5 market intermediaries & development banks

4 Top 2 custodians and 180 funds in the Canadian market

5 10+ leading regional banks across the Globe



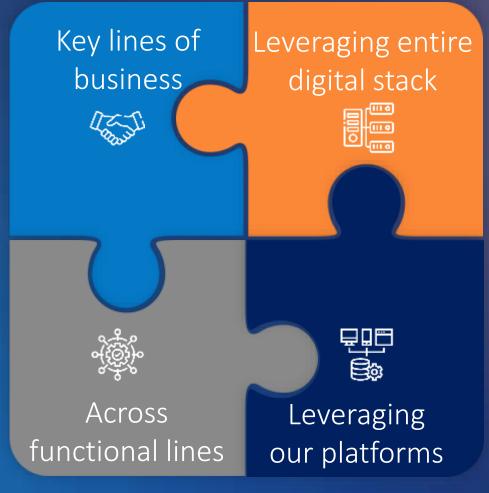
2 of the top 5 auto lending subsidiaries



Breadth of **Domain** and **Technical** Capabilities

Retail Cash & Treasury Management Wealth Management & Private Banking Markets GRC





Data Snowflake, Databricks Digital Pega, Salesforce, Adobe Cloud engineering AWS, Azure, GCP

Unitrax (900 BN CAD AUM) Mosiac Leni BAAS on Temenos

Banking at Scale







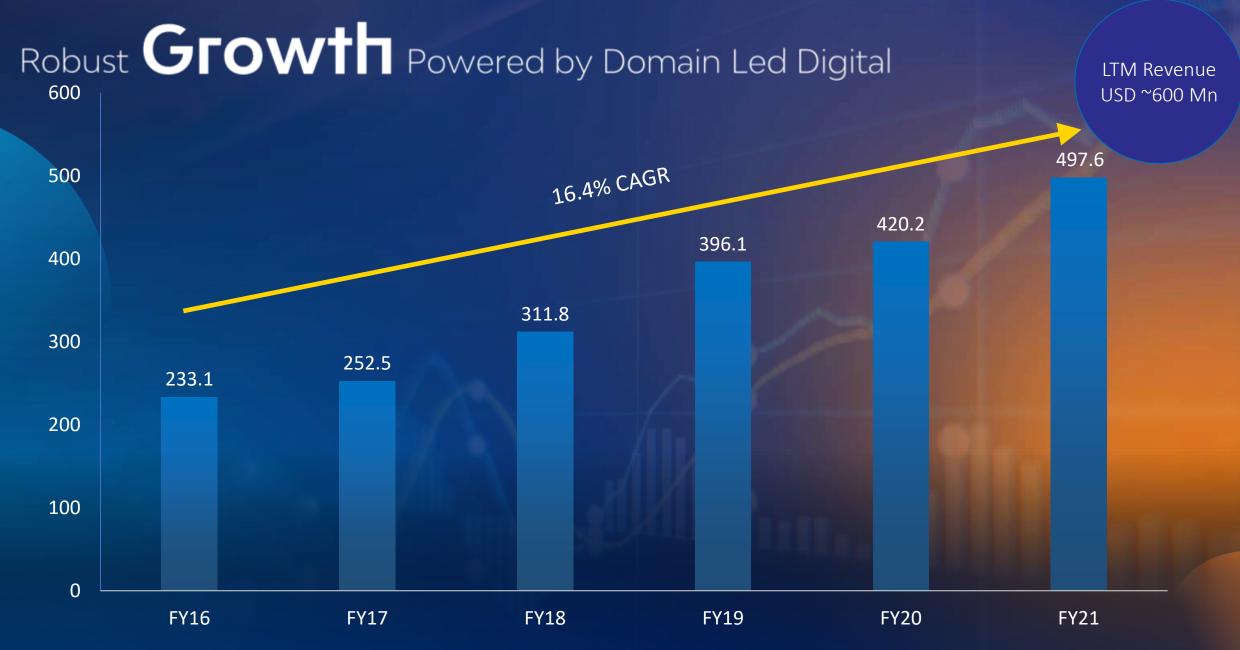


Accounting engine for a global bank that processes 1Bn transactions a day Manage one of the largest payments platform in the world that processes 4 Tn USD a day Digitizing a core banking platform for a global bank with 200 Mn customers in 90 countries Building the most comprehensive wealth management platform that can support all asset classes

How are Banks Responding to this "Great Restructuring"?

Being Being Being Being Being Responsive Intuitive Insightful Flexible Connected Simplifying the core 2-minute loans for Apple Cloud Engg. for a digital Self Service Investor Digital only banking in and other products Platform only wealth platform Lending platform partnership with big-tech UK based Global bank **US Regional bank** US based global bank US Based Global bank Digitizing lending Monetizing data Digital payments **Decision Enabling** Fintech driven micro @ scale on Cloud fabric on cloud tools for Ultra-HNI loans leveraging Largest Islamic bank in the world Advisors telco data Large Indian Bank **EU Payment Services** US Regional Bank Provider Africa Super-regional Bank

By Moving from Digital First to Digital Only





Everest Group®

LTI Recognized as a Major Contender and Star Performer in Everest Group's Application and Digital Services in Banking PEAK Matrix® Assessment 2021 – Global

Gartner

LTI-Syncordis recognized in Gartner report -A Banker's Guide to Core Banking Solutions for Western Europe, Vittorio



LTI recognized as a Rising Star across US, UK, Nordics in Core Modernization, GRC, Digital Banking and Payments & Cards services

Ranked 4 in HFS

HFS

Market Analysis: Banking and Financial Services Formidable Challengers 2021



Leader in RPA and AI powered Process Transformation for Banking. Leader in Cloud Advisory, Assessment & Migration Services Leader in Overall GDPR Services 2018

Clients Speak

European Payments Leader

"LTI is helping us build next generation digital identity & signature public infrastructure that is a part of everyday life for many citizens and businesses in the region. LTI has delivered a dedicated and competent effort, right from inception to on-time delivery. Thanks to LTI for going the extra mile"

Leading European Bank

In these challenging times, it is more vital than ever to be able to adapt to changing business and customer requirements simply, safely and swiftly. By working with LTI/Syncordis we will be able to future-proof our digital banking platform which will enable us to provide our valued customers with outstanding service and a seamless customer experience.

Leading African Bank

I extend my heartfelt congratulations & profound gratitude to LTI for helping us get our Separation Program over the line. Thanks for your unbelievable demonstration of Africanacity & continued commitment to our mission.

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The Unlimited Enterprise

Siddharth Bohra- Chief Business Officer, Cloud & Data Products 9th December 2021

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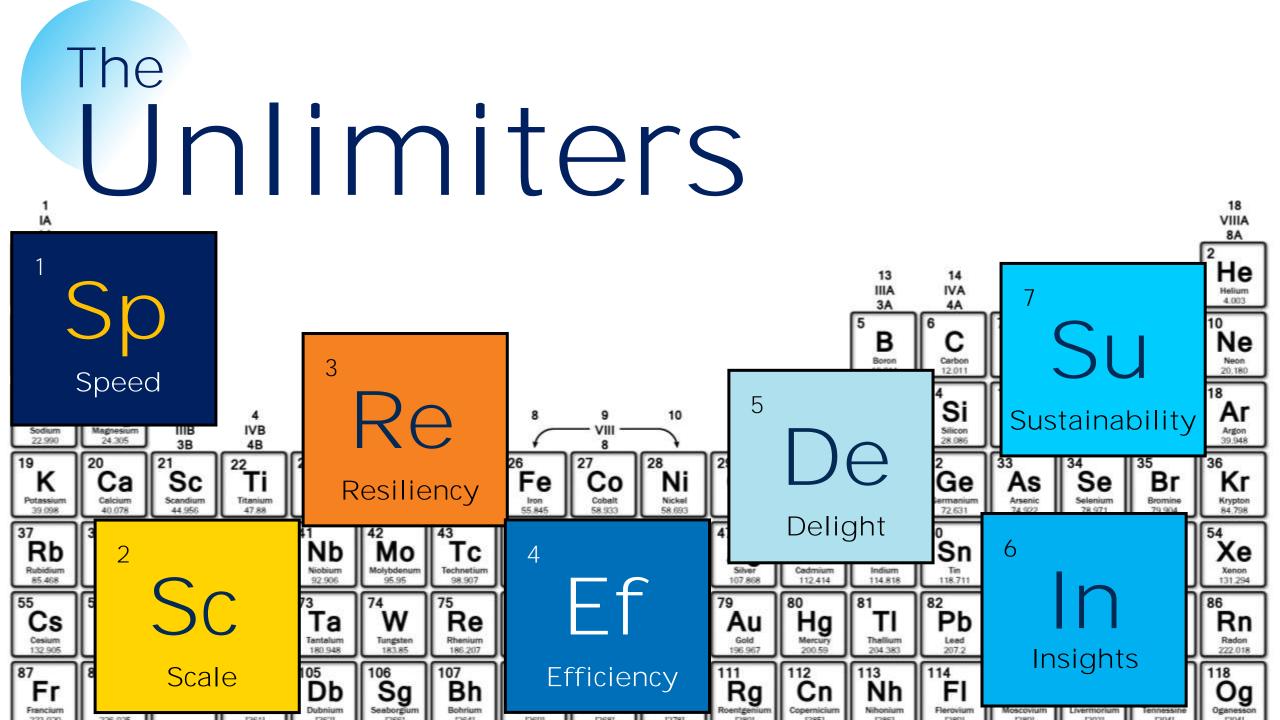
Unlimited Times

Siddharth Bohra | Analyst Day | Circa 2020



LTI LAUNCHED TWO NEW BUSINESSES





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Search

Q | LTI in cloud

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- & H Won the Snowflake Partner of the Year Award 2021
- The second the Kubernetes on Microsoft Azure and IBM to Expand Global Alliance to Help Organizations Advanced Specialization Accelerate Digital Transformation with Open Hybrid Cloud

Q LTI is a launch Partner for AWS Energy Competency

LTI aLTIUS







LT1 FOSFOR

FOSFOR





FOSFOR Data commerce for the

unlimited enterprise





Top Data Trends Highlighting the Market Opportunity

Smarter With Gartner, Kasey Panetta, March 15, 2021, "Gartner Top 10 Data and Analytics Trends for 2021", https://www.gartner.com/smarterwithgartner/gartnertop-10-data-and-analytics-trends-for-2021

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Gartner Top 10 Data and Analytics Trends, 2021



Source: Garther

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Powering 'Data to Decisions' Journey

PERSONALIZE	MARS Early diagnostics for brand and category performance	Value added products using >450 M credit profiles	Improving effectiveness clinical trial planning	PEPSICO Smarter at winning local outlets using open data ecosystem
MAXIMIZE refract aspect	Sub-surface digitization of hard-to-access	Model Ops for risk managerment	STAIRCASE Automated document processing for expedited lending	Machine Learning to reduce power outages
DEMOCRATIZE	Data fabric for expediting pharma 1 00+ coerditries files	I O E C E C C C C C C C C C C C C C C C C	Creating a data catalog for 10,000+ data consumers	Cataloging diverse data assets of citizens
ORGANIZE Spectra	OTIS IOT based service solution to improve condition- based maintenance	Data driven monetization for GRC function in 100+ countries	>月 「 へ べ Technology rationalization and modernization to cloud	CLARIOS Mitigating regulatory risk with accelerated future-proofing

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Let's Solve

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STATES.



Digital Engineering: Productize Forganization

Neel Vartikar Chief Customer Officer, Cuelogic – An LTI Company 9th December 2021



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Productized IT

Discover & Design Outcomes Build Digital Innovation Engine Product Culture For Cross Functional Collaboration

Enabling Businesses To Think & Operate Like Digital Leaders

The 7 Model



Solved Stories





Solving For Smart Elevators Solving For Smart kitchens

Solving For Insurance innovation

Solving For Next Gen Investment Marketplace





Digital Elevators

Foundation

Chip to Cloud Unified Platform For 24 x7 Insights and Long-Term Asset health

Innovation

Predictive Maintenance & Proactive Communication

Evolution

Ecosystem Connectivity & Software Led OTA Fixes





Foundation

Add ingredients

300

200

250

100

75

Mid

20'

Low

4

4

4

4

4

4

Rice

Onion

Olive oil

Yellow curry

✓ Cook settings

Set time

Start

Temperature

V

✓ Mix

V

171

Time

Tomato sauce

V

Self learning Core with Edge To Cloud Connectivity

Innovation

Predictive Maintenance, New Features On **Existing Machines**

Evolution

Marketplace, Personalized Marketing & Support



THEOREM INTERVIEW OF A CONTRACT OF A CONTRA

Foundation

Al centered Customer Tech + Operational Tech On Unified Platform

Innovation

Self Service – Personalized Instant Quotes, Faster Claim Processing

Evolution

From Protection To Prevention with IOT & Ecosystem integration



Crowdfunding Investment Platform

Foundation

Investor Tech + Compliance Tech + Merchant Tech On Unified Platform

Innovation

Automated Governance Automated Payment Distribution

Evolution

Crypto NFT Real Estate

The Reimagined Enterprise Design-led Business Reimagination

Rohit Kedia CBO, Lead – Consulting 9th December 2021

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Transformation

in the times of the Great Restructuring demands more from digital consulting



Reimagine Value Networks



Go Deeper in the Enterprise



Pervasively Human Centric



Continuous Transformation

LTI brings Domain, Digital &

Design, together like no other

LTI Brings Domain, Digital and Design TOGGETABLE Like no Other

Industry 4.0 transformation recognized by World Economic Forum

> 40 Plants

6300 mi pipelines

\$50Mn increase in income









LTI Brings Domain, Digital and Design Together Like no Other

Reimagining retail banking for the unbanked

12 Countries

400 Branches

New account in 30 mins | Digital Wallets | Microfinance



Core Platforms Social | Cardless Fintech Biometric





Front &

Back-office employees



LTI Brings Domain, Digital and Design TOGETHER Like no Other

Reimagining employee experience for one of world's largest media company

> \$59B revenue

200K employees

20 digital properties → Unified digital platform Inclusivity | Diversity | Belongingness





ServiceNow



LTI Brings Domain, Digital and Design TOGETAELike no Other

CX transformation in captive finance for a global automotive OEM

\$120 M in daily transactions

loan & lease customers

11M

Fully digitized journey from prepurchase to loan servicing Unified platform for all customer communication



LTI Brings Domain, Digital and Design TOGETAELIKE no Other

Consumerizing B2B sales of complex electrical equipment

\$6 B in annual sales

Ease of doing business across complex order lifecycle



Solving for Swift Rides



Solving for a **Secure Future**



Solving for Yummy Treats



Solving for



This is how we solve LTI Reimagination Studio

reengineer

Design | Architect | Engineer | Secure UX + Cloud + Data + SaaS + ERP + APIs

<u>re</u>imagine

Envision | Discover | Ideate | Define Industry Knowhow + Experience Design

<u>realize</u>

Deploy | Scale | Adopt | Benefit

Scaled Agile + Change + Value Engineering

Let's Solve

Sales & Marketing: A Robust Blue of on the other of the other of the other of the other of the other other

Sudhir Chaturvedi

President Sales & Executive Board Member 9th December 2021



LTI's Sales Programs Over the Last 5 Years have Delivered Industry Leading Growth

Minecraft ADEA Hunting Pack Aspire

Grit Alliance

H.THITTH

Innovative Sales Incentive Plans

LTI GoMX



LTI's Sales Programs Minecraft, Hunting Pack, ASPIRE



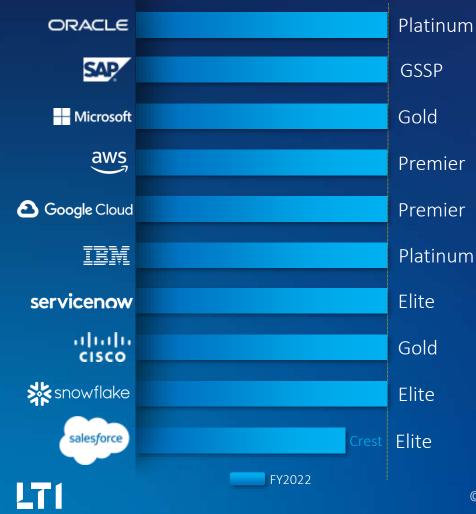
New Logo Revenue FY16 - Q2FY22		
Fortune 500	22	
LTM Revenue Contribution	500+ Mn	

Large Deals FY16 - Q2FY22		
No. of large deals	30	
Total TCV	1.5+ Bn	
TCV from new logos	56%	

Our Market Leading Ability to Scale New Capabilities Makes us a Preferred Partner for Transformation Projects

			Strategic Partner for
Service Line CAGR FY16 - Q2FY22 Q2FY22 YoY		Q2FY22 YoY	multi-year spend programs
			🔊 Unlimited Enterprise
Cloud Infrastructure & Security	23.3%	22.5%	Reimagined Enterprise
Analytics, AI & Cognitive	24.3%	43.6%	
Enterprise Integration & Mobility	25.7%	40.8%	Insightful Enterprise
			Engaged Enterprise

Our Partner Ecosystem Sees Us as a Key **ΠΠΟVATION PARTNER** and are Making Significant Investments in us



snowflake

Global Innovation Partner of the Year

aws

Energy Competency Launch Partner

IEM Experience Center for **Digital Transformation**

SAP Innovation Partner of the Year

- Microsoft Partner of the Year – App Innovation

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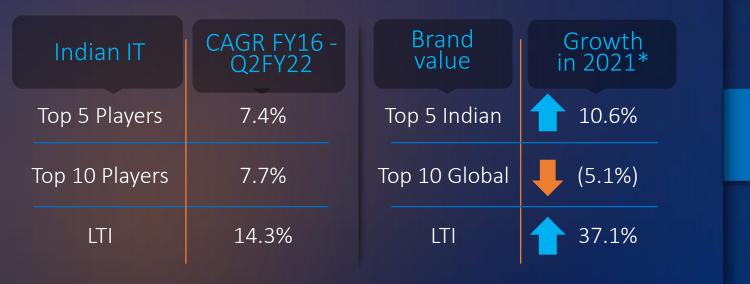
Partner Investments in LTI

Restack I MoU

— Microsoft 3 year Strategic Collaboration

C Google Cloud Strategic Collaboration

Sustained Industry Leading Growth Creates a Pull Factor



Large Deal Invites from Advisors (CY 2021)

Must-Have New Logos engaged on digital channels

150+

23

*Source: Brand Finance IT Services 25 2021 Report (Jan 2021)

Looking ahead...

IT Services – Secular Projection of High Spend over the next 5 Years

Year on Year Growth in IT Spending Worldwide, FY19 – FY25



Source: "Gartner (October 2021)" (G00759428)

IT Spend Projection in LTI's existing Sweet Spots



LTI has a clear Sales Strategy going forward CHIP Framework

STRATEGIC

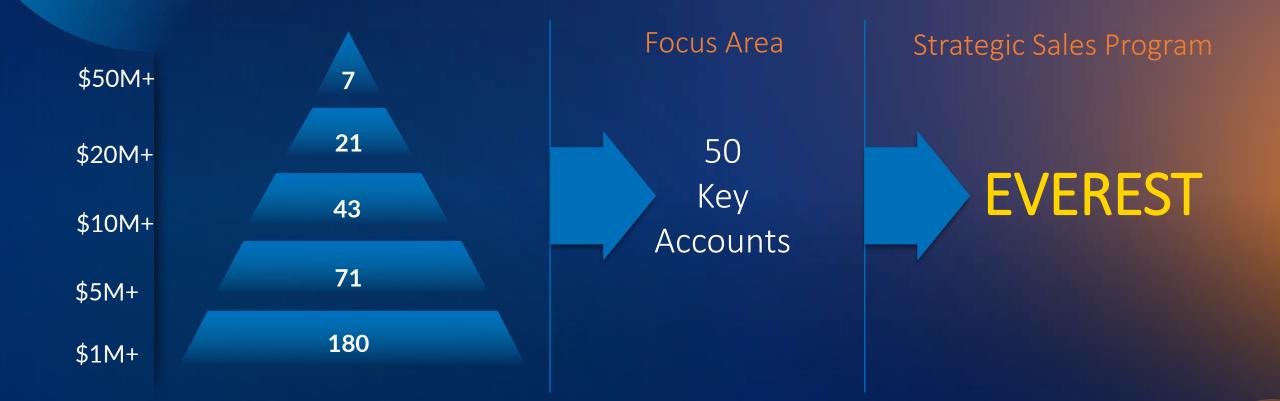
CONSOLIDATE

(and grow) Existing Areas of Strength

HARVEST Existing Growth Engines INCUBATE New Growth Engines

PROGRAMS

Consolidate and Grow Existing Areas of Strength



Harvest Existing High Growth Engines

Fortune 500 Accounts 53 high potential growth accounts

New Logos 126 opened in last 6 quarters

High Potential Sub-Verticals Eg. BioTech, Streaming, Payments, InsureTech

New Growth Regions UK, Australia, Switzerland, Middle East Focus Area

Cloud, Data, Digital led Cross Sales

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Strategic Sales Program

ASPIRE+

Incubate New Growth Engines

New Verticals / Sub-Verticals eg. Green Energy, EVs, Metaverse

Next generation Technology companies eg. Lookr, Xceptor, O9, Freshworks, etc. Digital Solutions + Next Generation Alliances

Focus Areas

Strategic Sales Program

NEO



Incubate New Growth Engines Digital Solutions – Renewables

			High	> 1 Bn	Medium	~500Mn	Low	< 300 Mn
Sr #	Solution	De	Description			Existing / New	Partner / Own	Market (Potential –HML)
3	Drone based remote monitoring of Solar/Mind Equipment		respection with Drones equipped with customized sensors, digital cameras, infrared/Thermal imaging sensors to offect high-quality data for predictive maintenance and performance improvement. As per Bain this is an important area to build if services		New	EXDITIONS MEXCLINE	Her	
2	Grid: Optimization for Oktributed Solar/Mind Farms (Blockchain based solutions)		th distributed generation and huge variation in supply, grid optimization will be very essential part of ac/Mind power. Microgrids will need common accounting book (Blockchain based) to manage transactions. per GLS Analysis this is a High Polential area.			New	Utildata, EnergyRautics, EasyPower	Hat
3	Operations Management & Asset performance for Wind & Solar	Cloud, 407, Data & Ai based remote monitoring, and	tograted collaboration Center for managing Solar & Wind Farm operations, maintenance and performance. nat, KDT, Data & Al based remote monitoring, analysis and predictive. / Prescriptive maintenance of Wind and lar farm assets. As per Bain this is major area for IT service vendors.			No. 4	Partners	Hap
*	Micro Grids Management (Virisal Power Hant)	distributed energy resources (DDR) for the purposes	Doub based distributed power load dispatch canters that aggregates the capacities of heterogeneous intributed energy resources (DDR) for the purposes of enhancing power generation, as well as trading or selling ower on the electricity market, Bain and GLS Analysis think is could have Unlimited opportunities			New	AutoGrid, NEMOCS	Medium
5	Remote IV Station Performance		Remote management of EV infrastructure performance & Maintenance, Vehicle Charging transactions, Billing & Customer Management, European & Nordic energy majors investing heavily.			New .	Chel. + Farther	1.04
٠	Field Multilly Solutions	Mobile based inspections, Repairs & Maintenance, AR/VR based Asset location & training Applications for Solar & Wind Tarm Reid Turce. As per Garbeer this a major area for IT service providers			Deliting	Own	Hep.	
2	Power Trading Solutions	Implementation, Upgrade, Enhancement, Integration & Support of widely used Power Trading Solutions for Energy Clients. (31 will extend its energy trading capability to Power trading		Entity	Own + Partner	ite.		
	Productive maintenance systems for Fuel Cells (Careen HD)	Realtime condition monitoring, Predictive maintenance solutions for early earnings and proactive actions.			bing	Own	5.094	

Incubate New Growth Engines **Digital Solutions** – ESS / Battery

		High	> 500 Mn	Medium	200-300N	1n Low	< 100 Mn
Sr #	Solution	Description		Existing / New	Partner / Own	Market (Potential – HML)	
1	Battery Becycle management Econocicol Battery, Battery management system)	Solutions to munitor and track battery illecycle including battery test corrosion, degradation.	Solutions to monitor and track battery iffecycle including battery testing for performance, quality, safety, corresion, degradation.		hex	Nich	140
2	Battery Analytics	redictive health check and battery degradation analysis. Machine learning technology and AI algorithms for arly warnings and predictive maintenance. Tracking data from thousands of sensory to identify the health of he systems at every single and figuring out how the batteries can best be used.		lex	iON Energy Energy/ETHIN CE	*	
3	Energy storage management system	Forecasting demand and managing batteries and renewable emergy plants. Efficient battery management for renewable energy sources and grids, using proprietary algorithms.			New	AutoGrid, Peak power	Medan
4	Energy-storage analytics / Simulation	There is a need for continuous analysis of power capacities to eliminate any disparities between demand and renewable supply. Energy storage analytics leverages big data and machine learning in order to extract energy storage insights in real-time.			New	THREE	law .
5	Energy storage as a Service	Battery storage manufacturing is growing fast. Battery manufacturers are collaborating with producers, consumers and regulators to provide. Elaadi. This segment is looking for Digital solutions for battery manufacturing for cost optimization, supply chain optimization and to manage Elaadi.			New		low
	Smart manufacturing for battery. Supply chain tracking and optimization	Automation, robotics, manufacturing operations systems (7)/17 and digital services to guide and support Smart Manufacturing solutions		Now.	ABI, Noneyael	Median	
7	Rattery - Digital Tains for readefing and simulation	Multi-scale battery modelling and testing for designing, sizing and selecting the most appropriate storage system as per requirement of range, reliability, size, weight, and ifetime.		lee	Series	Medan	

Incubate New Growth Engines **Digital Solutions** – Decarbonization

		High	> 100 Mn	Medium	50-100 M	n Low	< 50 Mn
Sr #	Solution	Description			Existing / New	Partner / Own	Market (Potential – HML)
	Entration Management Solution	Services avoid include product selection, configuration and support	171 will provide holistic emission management system for detection, monitoring, tracking, and reporting of GHG. Services aniald include product selection, configuration and support. As of today there are many products in the market but none is catering to exact client resets. As per Gartner no good solution axists in the market and there is high demand from Customers.			Owny' Sech Fartner (Sphera, ERA, Enablion, Velocity Del)	146
	Carbon Accounting & Trading Solutions	is per new stringent regulations, companies are mandaled to monitor, track and report carbon at every stage f operation. It is huge challenge for companies like integrated OEG companies to measure and track every arbon molecule produced. UT to leverage its domain strength in accounting, build partnership with leading /W provides and provide carbon accounting services. As per GLS, huge spend is expected for carbon cosuming 5/W and services.			hew	Own - Partner	140
	Digital solutions to improve Operations Efficiency	As per Gartner, companies will have to cut down their energy comsumption by optimizing their operations through digital transformation initiatives. UT arould extend its capability , solutions and partnerships.			taining	Chait + Partner (Horepart), AspecToch)	Medium
	Integrated Energy Efficiency Dashboards	LTI would use its proprietary data products to acquire and analyse energy and emission data and provide comprehensive set of KPIs to monitor, track , predict an d suggest preventive actions.			Sea	Own	Medium
	Fugitive/GHG leak detection systems / Flaring	Fugitive leakages and flaring are major sources of emissions for all Natural gas producers ,and consumers . Advanced leak detection systems are becoming regulatory requirement. US to extend its expertise and solution in AOLS to fugitive/GHG leak detection .			Desting	Partner (ES), Emerson)	Medium
	Regulatory Compliance Solutions	Monitoring and reporting regulatory compliance towards emissions of GHG. is mandatory for all operators. LTI to extend its expertise and solutions to provide services for energy sector.			tanting	Own	Median
	COJS /7/Initra/Claud Solutions	Huge investments are made globally on CCLS Initiatives. LTHE 'New Energy' group also provides EPC services. For CCLS, LTI to build on It's domain strength and provide solutions to monitor and track CCLS success parameters. These services are required by many industries like steel, cement, Blue H2.		No.	Own	1.04	
٠	ERP Based sustainability solutions (SAP /SFDC Sustainability Texetr]	Most of our cheets and energy companies use SAP and SEDC and would be inclined to use sustainability functions provided by these vendors. U to build capability and partner with these vendors to provide services.			Dainting	Own + Partner	Medium

Incubate New Growth Engines Potential Partnerships – Renewables

Partner	Area	Partnership Details
LADIFLOW	Solar / Wind Drone based remote munituring	Ethuantia Sased company has Aerodiagnostics solutions for serial inspection and serial object recognition. Computer vision and machine learning technologies provide the foundation to video data analysis to analyse real world data. Partnership Opportunity: Suild Built On solutions, Integration services, Configuration/Implementation service
MANUAR	Solar / Wind Software platform for droven	US based company is leader in Aerial intelligence solutions using drones. MEADLRE has several mobile fight application, mapping and data analytics tools as a part of their platform. In April 2021, Measure was acquired by Agliagle Aerial Systems Inc. , an Industry leading drone solutions provider Partnership Opportunity 571 to use this platform and build remote monitoring and respection applications for solar and wind farms.
Ind *, MURINY POLICIPOINTS	Green H2: Electrolyzer, Fuel Cell-ORM	Net / McPhy are OEM for electrolyzers while PsotPrOMOR is OEM for Fuel cell. Partnership Opportunity - Connected products - AUMI, based analytics for predictive mainly realtime condition monitoring. Partnership among LTHE as EPC sendor, OEMs for electrolyzers and fuel cells and LTI for digital solutions using OT/IT for realtime monitoring and predictive maintenance.
Utilidada, Energynautics	Energy Management Smart grid solutions	Utilidata is US based energy technology company provides a grid edge operating platform that delivers the essential capabilities for running the clean, modern grid. Energynautics is Germany based company provides consultancy services for smart grid, grid optimization, modeling & simulation for power generation. Partnership Opportunity 11 to explore partnership opportunities with both, to provide end to end grid solution from consulting to smart grid.
Address	Evergy Management Writed preser plants, Microgrid	US based company Nas while range of solutions for solar + storage, Microgrids, renewable trading, EV, Virtual power plants. US to explore partnership for implementation and support. Global customers include Shell, Tota, National grid, NEXTera, Schneider. Partnership Opportanity: US can become implementation and support partner for solution. We writed power plants, Solar-storage, Microgrids.
ONLivergy	Battery Analytics Battery management system	Munitial based ION Energy provides advanced battery management system and intelligence platform to improve the life and performance of littium ion batteries that power electric vehicles and energy storage systems. They also provid Digital Twin Platform. for Predictive Analytics Partnership Opportunity: People target for acquisition.
Haneyillid / AquesTech	Asset performance	Honeywell and AspecTech asset performance solutions are widely used in Energy and remewable industry. Partnership Opportunity: Extend pertnership to provide end to end asset performance solutions for for distributed power generation units for renewables.
THINKS	Battery simulation and Analytics	Germany based company has products for battery simulation and predictive analytics for energy storage services. Partnership Opportunity : Provide and to and service using their product.

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