



**Purposeful.
Agile.
Innovation.**



LTTS in a Snapshot

L&T Technology Services (LTTS) is a global leader in Engineering Intelligence Solutions & ER&D Consulting Services. A listed subsidiary of Larsen & Toubro (L&T), we offer design, development, testing, and sustenance services across products and processes.

Purposeful. Agile. Innovation. is how we drive growth across the Mobility, Sustainability and Tech segments. Our customer base includes 69 Fortune 500 companies and 57 top ER&D companies across industrial products, medical devices, transportation, telecom & hi-tech, and process industries.



190+[#]
Global Clients

[#] with revenue over \$1M



23,840
Employees



1,757
Patents



57
Of Global 100 R&D
Spenders as Clients



103
R&D Innovation Labs



21
Global Design Centers



270+
Accelerators & Solutions



25+
Countries

*Data as of Q1 FY27

Top 3 Global Pure-play

AI, Digital and ER&D Consulting Services Company



Vision

Engineering a sustainable tomorrow through technology and innovation



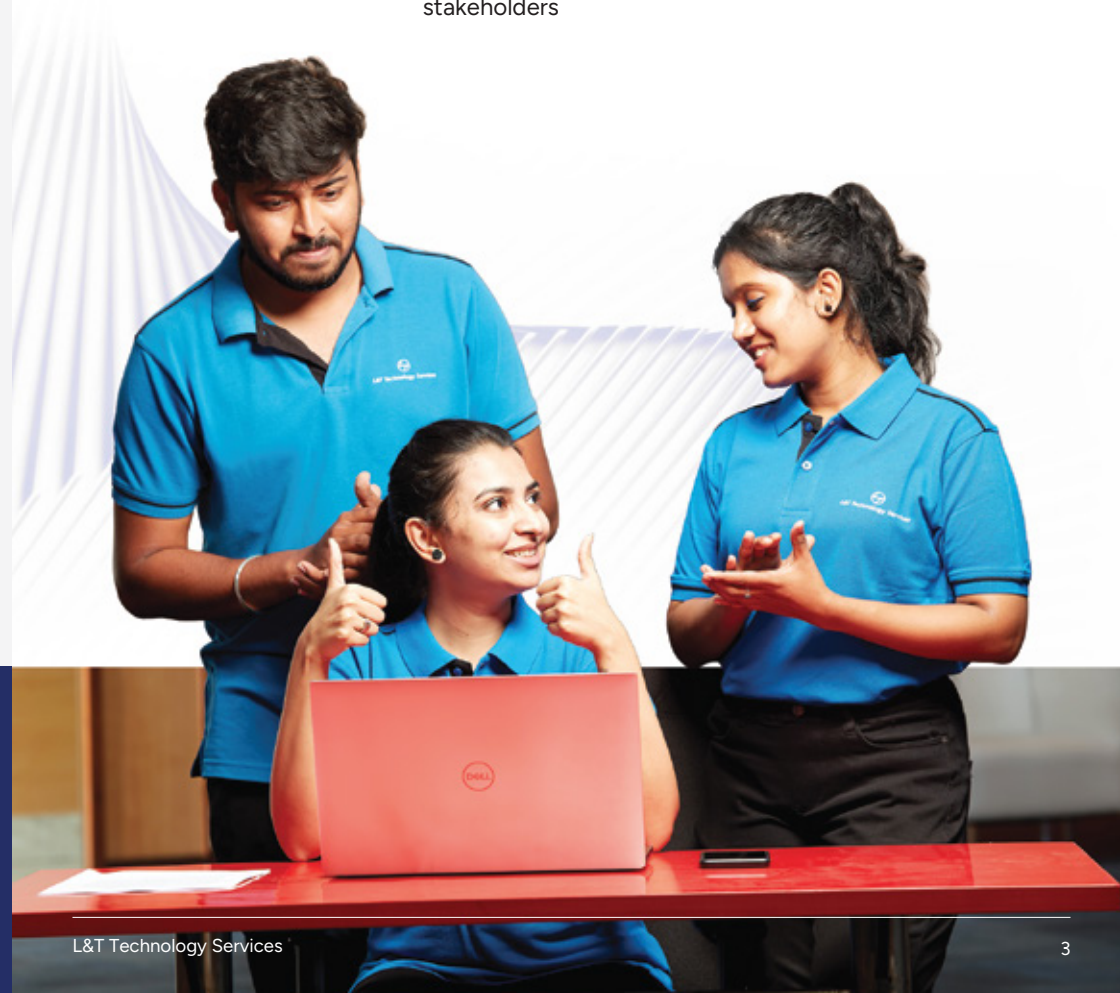
Mission

Be the engineering partner of choice by enabling innovation with world-class technologies, processes, and people – delivering inclusive growth for all stakeholders



Values

- Being Purposeful
- Ethics & Integrity
- Caring
- A Culture of Learning
- Results with Accountability



Innovation at LTTS

At LTTS Everyone of us is an **Engineer at Heart** ❤️
And that is not a title; but a mindset and methodology.



Creating The Building Blocks of Future

1757
Patents Filed*

244
Patents in AI*

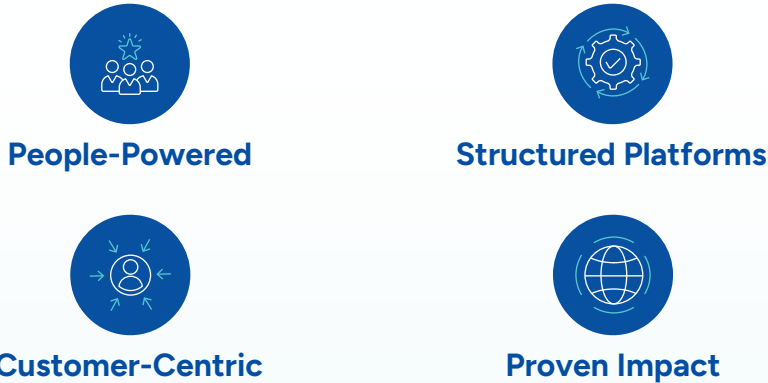
With decades of engineering excellence, global R&D centers, and a diverse ecosystem of talent and technology, LTTS has built a thriving culture where every engineer at heart is empowered to ideate, experiment, and innovate.

**Data as of Q1 FY27*

LTTS' AI Strategy and Key Solutions Landscape

 Agentic AI Studio AI agents and agentic workflow platform and marketplace	 GenIQ Rapid GenAI development platform with LLC orchestration	 PLxAI GenAI assistants for PDLC
 AICH + CE GenAI-enabled solution for complaints handling and clinical evaluation support	 AiKno® AI-enabled development framework for data acquisition and management	 AiVIZ AI-enabled visual analytics solution
 AiTest + RevAi GenAI-enabled code review and test solution	 Ainfonix AI-enabled P&ID solution	 SpecNova GenAI-enabled BOM recommendation and management tool

Our culture connect our people, our customers, and our purpose - enabling breakthroughs that power industries, improve lives, and create sustainable futures.



Co-Creating What's Next with Breakthrough Innovation Programs & Platforms



An employee-led innovation journey that turns bold ideas into impactful solutions.



A collaborative hackathon that fast-tracks ideas into prototypes through 24-hour innovation marathons.



India's largest open innovation platform linking students, academia, and industry to deliver breakthrough engineering solutions.



A customer-focused platform that transforms ideas into prototypes with clear business value.

How are We Engineering The Change?

**Purposeful.
Agile.
Innovation.**

At the heart of our vision is Purposeful action, dedicated to building a sustainable tomorrow and a better world, leveraging technology to drive inclusive growth for everyone involved.

We are Agile in our ability to learn, evolve, and adapt to changing technologies and market dynamics, all while harnessing the imagination of our engineers.

Innovation remains at the core of our endeavors from investing in future tech to creating world-class solutions. It's ingrained in everything we do across products, processes, and operations, setting us apart and making LTTs the choice for clients seeking transformative change.

It's how we are Engineering The Change every day.



Our Services & Solution Capabilities

Engineered for ROI. Designed for Scale.

Software

- Cloud Engineering & DevOps
- Platform Engineering
- Data & Analytics
- Immersive Experiences AR/VR/XR
- Sustenance & Maintenance
- User Experience
- Voice Innovations
- Testing, Verification & Validation

Products

- Software and Systems Engineering
- VLSI Design & Embedded Engineering
- Mechanical Design & Simulation
- Testing & Validation
- Connected Products and IoT

Plant

- Smart & Sustainable Manufacturing
- Plant Modernization and Automation
- Operational Excellence
- Plant Reliability, Maintainability, and Asset Monitoring
- Material & Parts Management
- Regulatory Compliance Engineering

Operations

- Supply Chain Management
- Warehouse Optimization
- Plant Overall Equipment Effectiveness (OEE)
- Quality Engineering and Lean Six Sigma
- Low Cost Factory Design
- Technical Publication Services

Manufacturing

- Supply Chain Engineering
- Manufacturing, Planning and Execution
- Product Lifecycle Management (PLM)
- Value Analysis and Value Engineering (VAVE)
- Industry X.0, Factory Automation and IIoT



Who Do We Serve?

Fueling Progress, Across Every Industry.



Mobility

- Software-Defined Mobility
- Electrification & Hybrid Tech
- Vehicle Engineering



Sustainability

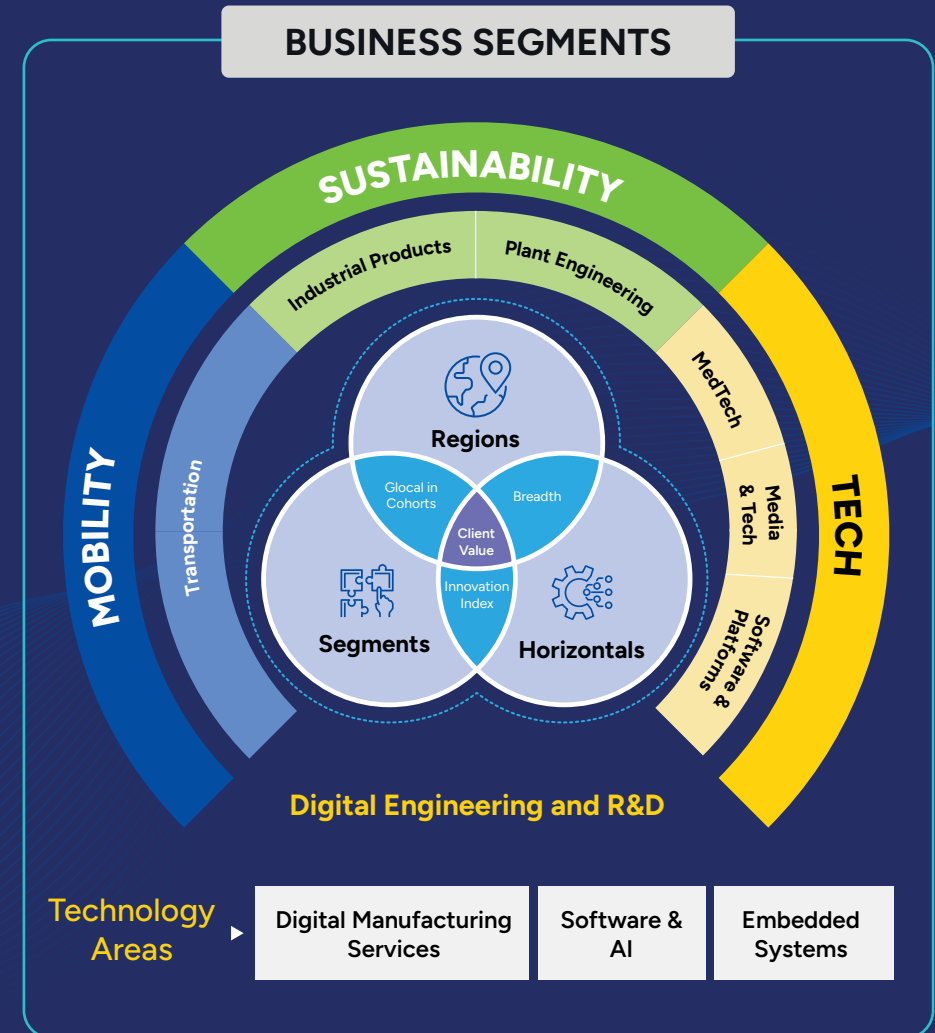
- Projects Engineering: Green & Brownfield
- Plant Modernization & Automation
- Digital Technology
- Sustainable Manufacturing
- Product Engineering
- Energy Transition
- Manufacturing Modernization
- Alt+Shift to Platform Solutions



Tech

- Silicon Engineering
- Device Engineering
- Platform Engineering
- System Integration
- Digital Manufacturing
- Digital Health

Top 3 Global Pure-play AI, Digital and ER&D Consulting Services Company





Our Differentiators

Innovation with Intent.



Cross-Pollination

Our multi-domain & multi-vertical expertise enables us to take best practices from adjacent industries and adapt them to your business.



Solutions & Accelerators

Ready-to-use solutions & accelerators for product design, analytics, cybersecurity, AI, test automation, and smart workplaces.



Digital Engineering

- NexGen Comms
- DevSecOps
- Digital Twin
- AI and Analytics
- Cybersecurity
- Cloud Engineering



Infrastructure

98 Innovation Labs for product design, engineering, tear-down, compliance, power electronics & digital.



Our Proven Platforms & Solutions

Empowering Businesses to Thrive with Industry-Leading Technology.



PLxAI

Speeds up product development through smart prompting and contextual intelligence.



GenBI

Turns data into natural-language insights, empowering faster decision-making.



embedAI

Automates design and validation workflows, cutting development cycles by up to 25%.



AnnotAI

AI-based, cloud-agnostic, end-to-end automatic data annotation platform.



AiCE

Integrated AI tool that revolutionizes the Clinical Evaluation Report (CER) process.



AiKno®

AI to automate meta data extraction.



AICR

AI-driven code review that improves accuracy and reduces rework.



AiTest

Automates testing with LLMs and self-healing scripts for faster time-to-market.



CHEST-rAi™

AI-based chest X-ray radiology suite for symptom detection, localization, and intelligence reporting.



Energy and Sustainability Manager

Holistic energy management solution that introduces proactive auditing into your energy and sustainability strategy.



EvQUAL

Test automation suite for multiplatform and multi-device automation to power next-gen quality engineering.



Asset Reliability Center (ARC)

A portfolio of five solutions and one advisory service to help asset-intensive manufacturers drive reliable operations.



Asset Health Framework

A near-time, cloud-native-based platform that gathers, analyzes, diagnoses, and acts on key asset health parameters leveraging the power of AI.

Partner Ecosystem that Drives Excellence

Built on Synergy, Backed by Giants.

Data & AI Partnerships

R&D Partnerships

Technology & Solutions

R&D Labs-as-a-Service

Where the Magic Happens.

103 Innovation Labs

Supporting Focused Investment Areas



**Technology
Labs**



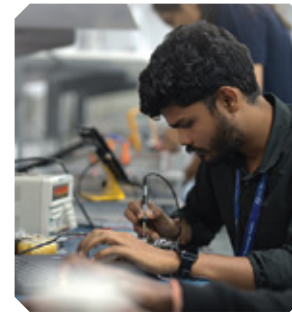
**Industry-specific
Labs**



**Compliance
Testing Labs**



Design Studio



Electric Vehicle Lab

Features cutting-edge equipment for testing EV components up to 1200V and 1000A, capable of adhering to a range of standards



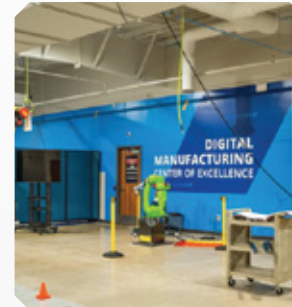
FactoryNext™ Lab

Enables solutions that empower global OEMs to accelerate next-gen product development and drive solution deployment



HW and HIL Labs

Offers capabilities to build embedded prototypes with board-level and unit level testing



1DIGITALPLACE

Leverages next-gen manufacturing technologies to enable customers redefine their product journeys, from concept development through launch



5G Lab

Focuses on 5G development, NFV benchmarking, validation, and design services



Power Lab

Drives power electronics and hardware design testing and verification

Milestones in Our Story

Setting the Bar in Innovation.



Recognized by Collins Aerospace as top Supplier of the Year



Awarded the 2024 Caterpillar Supplier Excellence Award, honouring LTTS' commitment to delivering high-quality products and services



Recognized by Etihad Rail at the Global Rail Innovation Awards for its Innovative Way to Detect Visible Rail Defects in Real-Time



Awarded the 2025 BIG Innovation Award in Transportation for AnnotAI by the US-based Business Intelligence Group



Recognized by CII as one of the Top 25 Companies Excelling in Women in STEM, 2024



Conferred with the Golden Peacock Innovation Management Award 2024, recognizing LTTS's leadership in cutting-edge innovation initiatives for global businesses



Honoured with the Sustainable Diversity Leader Award by Girls at Tech Nordics



Recognized at the Nasscom AI Gamechangers Awards 2023-2024 in the Manufacturing Category

Recognized as a 'Challenger' at the NASSCOM AI Gamechangers Awards



Inducted into John Deere Supplier Hall of Fame for Five Years of Excellence



Awarded as the Best Workplace for Women 2025 by ET Now

Recognized as a Great Place to Work™ in the United States for the second time in a row and in Japan for the first time ever





In association with



Media Partner



Engineers have always kept the momentum going when it comes to changing the world for the better. However, we believe a simple thank you is not enough to celebrate such feats. The Digital Engineering Awards, in association with ISG, L&T Technology Services, and CNBC TV 18, is a continuous attempt to celebrate the remarkable tech leaders and engineers who make the change happen.



What does it really mean for the participants?



A Global Network
of Innovation



Recognition
and Visibility



Noteworthy Edge &
Award Categories



Focus Group
Review

The 12 categories at a glance

Engineering The Change Team Awards

- Digital Transformation of the Year
- Top Sustainability Initiative
- Digital Engineering Project/Program of the Year
- Engineering Product of the Year
- Excellence in Value Realization
- AI Impact of the Year
- Physical AI Impact of the Year

Engineer At Heart Individual Awards

- The Distinguished Digital Engineering Leader
- The Digital Engineer of the Year
- The Woman Engineer of the Year
- The Innovator of the Year
- AI Trailblazer of the Year



For more information

www.DigitalEngineeringAwards.com



Recognized by the Best in the Industry

Benchmarking Excellence, Creating Impact.

***ISG** Provider Lens™

Leaders in Manufacturing Industry Services and Solutions – Digital Factory and Agile Product Development and Design Services

Leaders in Digital Engineering Services – US

Our Strength:

- Domain expertise
- Use of AR & VR and AI & ML in product design
- Strategic transformation in end-to-end design for clients

Journey towards inclusive leadership

LTTS engages with clients beyond sourcing assignments, empowering them to develop competence to the market in their respective segments.

***ISG**

zinnov
ZONES
ER&D SERVICES

#1 Pure-Play Global Engineering Service Provider (ESP) and Top 5 ESPs globally

Everest Group®
PEAK
MATRIX™

Leaders in the Connected Product Engineering Services PEAK Matrix® Assessment 2024 – Embedded Engineering

AVASANT

Leaders in Manufacturing Smart Industry Services 2023

NelsonHall
Success through insight

Only Pure Play engineering services rated as Leaders in IoT Services

People. Planet. Purpose.

Real Progress is When, Everyone Moves Forward.

Healthcare



Japan

Education-related interventions preventing the learning crisis from turning into a generational catastrophe

- 5,438 benefitted from the continuous strategic initiatives for learning
- 1,571 rural students benefitted from our digital classroom project

India

Education



India

Environment and Water



Revitalizing parched lands through watershed management

- 40,000 saplings planted through carbon-sequestering afforestation initiative
- 5,595 benefitted from water conservation projects
- 200 acre forest land restored

US



Alzheimer's Research Support Walk

Toy Donation Drive



Strategic Segment: Mobility



176
Clients



8000+
Engineers



25+
Labs



317
Patents



20+
Accelerators & Frameworks



15+
Chip-to-Cloud Alliance Partners

Industry Verticals



Automotive



**Trucks &
Off-Highway**



**Aerospace
& Rail**

Strategic Focus Areas



**AI & Software
Defined Mobility**



**Electrification
& Hybrid Tech**



**Vehicle
Engineering**

LTTS' USP

Client relations: Decades of engagements and market leadership

EV / Hybrid Vehicles

- End-to-end vehicle electrification engineering capabilities
- Homegrown BMS, Converter, Inverter & Charger Electronics
- NABL Accredited eMobility lab for performance, endurance, and functional testing for critical EV components.

Software Defined Vehicles

- 15+ Inhouse accelerators which advances development lifecycle
- Homegrown Autonomous ROS2.0 Middleware with unified sensor management framework

Vehicle Engineering / Digital Services

- AI Solutions & Accelerators CySAF

Everest Group

Rated 'Leader' in ACES Automotive Engineering Services in the Overall ranking, for Autonomous, Electric and Product Engineering, 2023

*ISG

Recognized as Leader in Automotive and Mobility Services and Solutions for software defined vehicles, electrification & vehicle electrification

US-Based New-Age OEM

Delivered 6+ vehicle programs from 2019 to 2024. Responsible for Interiors, exteriors, and electrical components with agile team working on multiple projects: styling, vehicle architecture, and occupant packaging.

Mobile Assets Management for a Construction Major

Digitized and monitored 35,000 fixed and moving assets at construction sites spread across 300+ locations across India to optimize usage and increase productivity.

Strategic Segment: Sustainability



243
Clients



6/10
G-ER&D 100



30+
Labs



698
Patents

Industry Verticals

Industrial Products

Industrial
Machinery

Building
Technology

Electrical,
Power
& Control

Plant Engineering

FMCG

Oil & Gas

Chemicals

Strategic Focus Areas

Process

Projects Engineering -
Green & Brownfield

Digital Tech &
AI

Modernization & Sustainable
Manufacturing

Industrial

Product
Engineering

Energy
Transition

Manufacturing
Modernization

Alt+Shift to
Platform Solutions

LTTS' USP

- One-stop shop for engineering and digital for plants
- Reusable templates & solutions (inject automation)
- Ability to address global demand with central governance
- Trusted partner to marquee logos
- Engineering mindset – integrated client teams
- L&T heritage and economy of scale
- Technology labs
- Innovation with purpose



- Rated 'Leader' in EAM Services
 - Rated 'Leader' in AI & Cloud
- in Oil and Gas Industry Services and Solutions - ISG Provider Lens® 2025 in Americas



- Rated as Leader in Everest Group's Sustainable Engineering Services PEAK Matrix® Assessment 2025

Engagement with Global O&G Supermajor

- Multi-disciplinary plant engineering and project execution, information management, and digital services
- Sites covered across: NA, Europe, APAC

Engagement with Global Home and Personal Care Major

- EPCm projects / Site-based MOC projects
- Sustainability - Wastewater Management
- LTTS presence at 40+ sites globally



8+ Years of Engagement



15+ Years of Engagement

Strategic Segment: Tech



240
Clients



8/10
G-ER&D 100



40+
Labs



637
Patents

Industry Verticals

Media & Tech



Med-Tech

Software & Platforms



Strategic Focus Areas

Media & Tech



Med-Tech



LTTS' USP

- Top 10 of 10 medical device companies as clients @ NPS of 9.5
- Specialized lab infrastructure
- AI-powered intelligent solutions
- Strong partner ecosystem
- Academic collaborations for R&D
- Global presence & localization
- Right talent mix



- Rated 'Leader' in Digital Engineering and ER&D Services for Semicon, Telecom, Medical Devices, Overall ER&D Services, NA & EU Geo, 2024



- Rated 'Leader' in Medical Device Digital Services, 2025 for US – Digital Engineering and Product Development, Regulatory Compliance, Strategy and Quality Assurance, and Post-market Digital Enablement

Frugal Plant Transfer for Patient Care Products

- With 35% space utilization and 33% inventory cost reduction
- USA to Mexico transfer | Current/future state value stream mapping | Lean layout development | Inventory optimization

Leading Smartphone Manufacturer

- Across 15 countries: Support in key embedded areas, certification/verification | Helped in developing manufacturing ecosystem in India

For Major Semcon Player

- 2+ years of engagement and 5 nm designs: Support in AI chip designs
- All chip design areas, from design to tape-out

Large Cybersecurity ISV

- Developed an industry leading OT security product (mentioned in Forrester report)
- Product engineering support for data loss prevention (DLP) and AI access tools

Pioneering AI/Gen AI across the Engineering Lifecycle


70+
Production Programs


100+
GenAI/ Agentic AI Use Cases


244
AI Patents Filed

Strategic Partnerships



PLxAI by LTTS AI in Product Development Lifecycle Solution

- PLxAI is a scalable, secure, and reusable GenAI use case development and deployment platform for product development lifecycle
- It allows customers to build their domain specific use cases for accelerating product development, deployment and faster ROI

AI-enabled Solutions

EmbedAI Framework



Visual-based operator safety solution

ChestRAi™



AI model for chest X-Ray analysis

Software Defined Endoscopy



AI-enabled medical diagnostic solution

Visualization Framework



Visual framework for multi-modal image analytics

GenAI

GenIQ Enterprise Fit-for-Purpose GenAI Adoption Framework

Features

- Rapid GenAI Adoption Framework
- Adaptive Model Selection
- Fusion Hub
- Intelligent Prompt Programming
- Multi-Agent Framework
- Model Garden

Agentic AI

Project Ranthambore

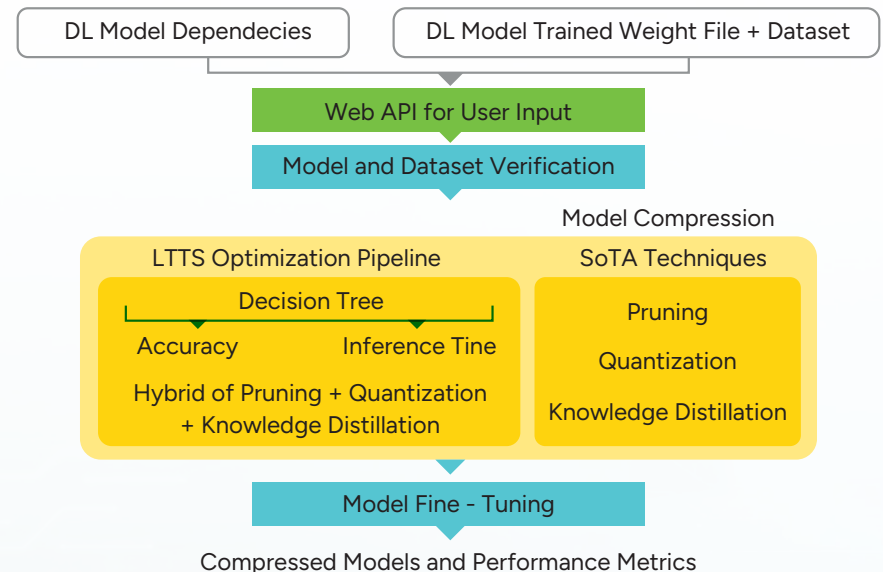
Agentic AI for Engineering – Build Once, Deploy Everywhere

What does the product do?

- The product offers an Agentic AI studio
- Marketplace to build, deploy, and consume semi/autonomous agents for engineering
- It integrates with PDLC and SLC to drive automation, increase productivity
- A decision support across engineering domains

Physical AI

LTTS e-AI Framework



Embedded Systems



15+

No. of Customer Dedicated Labs



52

Total for BU Labs



25+

No. of Accelerators

Product
Conceptualization

Design and
Development

Product
Launch Support

Product
Maintenance

Manufacturing
Support

Testing and
Certification

ATE - Automated
Test Equipment

End of Line
Tester

Robot Based
Test Automation

Machine Vision
System

HIL - Hardware in Loop
Test Bench

Reliability Test
Bench

What We Do?



VLSI Design

- RTL Design
- Design Verification
- Synthesis
- Physical Design
- Physical Verification
- Design for Testing
- GDSII Generation for Tape Out



Hardware Design

- Single/ Multi Processor Designs
- Design Analysis
- High Speed PCB Layout
- Library Creation & Management
- VAVE
- Proto Manufacturing
- Packaging & Shipment
- Transfer of Technology



FPGA and Emulation

- FPGA Design
- FPGA Prototyping
- Reverse/Value Engineering
- Validation
- Verification
- Certification Support
- SoC Emulation Model Build & Bring Up



RF/Wireless/IoT design

- System Design
- Antenna Design & Simulation
- EMI/EMC & RF Layout Simulations
- Antenna Characterization
- RF Pre-Compliance & Compliance



Platform Software

- BSP
- Device Drivers
- OS Porting
- Middleware & Apps Board Bring Up
- Optimization & Stabilization



Verification and Validation

- Pre and Post Silicon Validation
- Hi-Speed Validation
- RF Physical Layer Validation
- Power & Performance
- Validation & Testing
- Unit & Integration Testing
- System Validation & Functional Testing
- Compliance Testing & Certification
- Test System Development & Test Automation
- Tool Qualification

Digital Products and Manufacturing Services



3,500+
Engineers



2+ Decade
Experience



9+
Dedicated Labs



Top 3 Clients
Served for Each Segment



10+
Solutions and Accelerators

- Tool Design and Robotics
- Think Studio
- Product Benchmarking and Reverse Engineering
- Testing-as-a-Service
- Virtual / Digital Validation
- Product Lifecycle Management
- Plastics and Component Design
- Manufacturing Consulting
- Sourcing and Value Management
- Integrated Content Management
- System Engineering



Tear Down Lab

Dedicated facility for complete dismantling, reverse engineering, and detailed product analysis.



ISO 9001:2015, NABL(ISO/IEC17025) accredited, 5000 sq. ft. dedicated space with testing capability (-70°C to 250 °C for tensile & flexural test).

Global Material Testing Lab



One stop solution for assessing selecting, planning & deploying IoT.



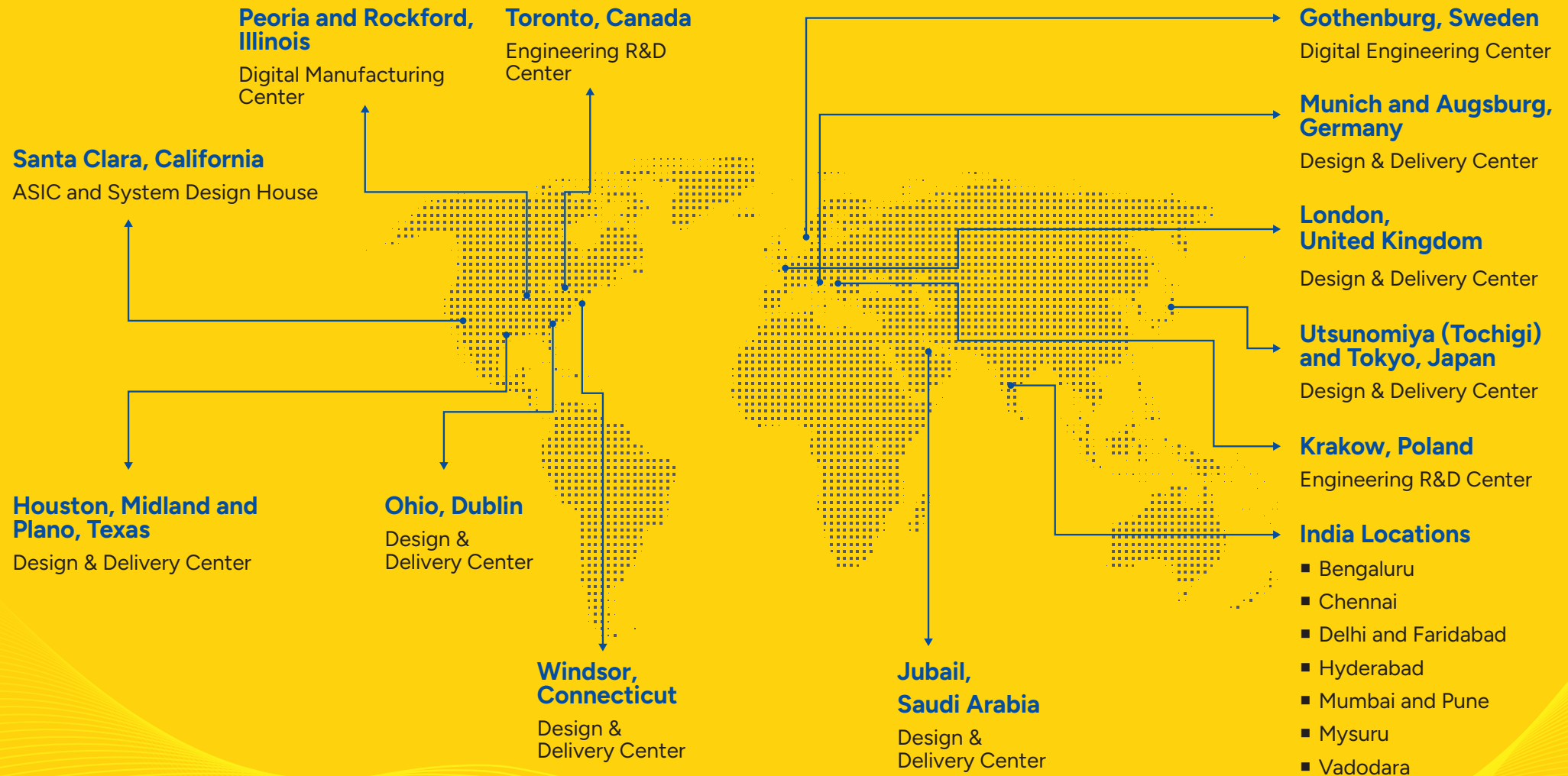
Digital Manufacturing Lab

Wiring Harness Lab

- **Production capacity:** 1000 harnesses per month
- Turnaround time of less than 24 hours
- **Lab follows the ISO 9001:** 2015 quality management system and the AS9100D aerospace standard
- Certifications from IPC / WHMA-A-620



Our Global Footprint & Nearshore R&D Centers



21 Global Design Centers*

*Data as of Q1 FY27

Life at LTTS

A glimpse into the culture that inspires innovation every day.



Follow LTTS Online

Discover innovation, culture, and stories from our people and experience the spirit and energy that drive everything we do.



LinkedIn
(L&T Technology Services)



Instagram
(@lifeatltts)



YouTube
(@LTTS)



X (Twitter)
(@LnTtechservices)



Facebook
(L&T Technology Services)



L&T Technology Services



**Purposeful.
Agile.
Innovation.**

ENGINEERING **THE CHANGE**



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