

December 1, 2025

National Stock Exchange of India Limited
Exchange Plaza, C-1, Block G,
Bandra-Kurla Complex
Bandra (East), Mumbai — 400 051

BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street, Mumbai – 400001

NSE Symbol: LTTS

BSE script Code: 540115

Subject: Press Release

Dear Sir/Madam,

Pursuant to Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, we are sending herewith a copy of the Press Release titled **“L&T Technology Services Transforms Respiratory Diagnostics with NVIDIA AI-Powered Digital Twin Technology”** which is self-explanatory.

This is for your information and records.

Thanking You,

Yours sincerely,

For L&T Technology Services Limited

Prasad Shanbhag
Company Secretary & Compliance Officer
(M. No. A 30254)

L&T Technology Services Transforms Respiratory Diagnostics with NVIDIA AI-Powered Digital Twin Technology

Collaboration brings together LTTS' expertise in MedTech and NVIDIA AI infrastructure to deliver precision diagnostics and enhance patient care

Chicago (Illinois, USA), December 01, 2025: L&T Technology Services (BSE: 540115, NSE: LTTS), a global leader in AI, Digital & R&D Consulting Services, today announced the development of a next-gen AI-powered digital twin platform for respiratory diagnostics and lung navigation.

Combining LTTS' expertise in platform engineering, AI-driven diagnostics, connected health systems and advanced imaging and visualization with cutting edge **NVIDIA** AI infrastructure, LTTS aims to deliver scalable, low-latency solutions that enhance diagnostic precision and improve accessibility for healthcare providers worldwide.

To be unveiled at the Radiological Society of North America (RSNA) 2025, the LTTS solution integrates with CT imaging and leverages deep learning models to create a 3D digital twin of lung anatomy, providing visualization of airways, blood vessels, lung lobes and lesions. Powered by [NVIDIA MONAI](#) for medical image segmentation and [NVIDIA TensorRT](#) for optimized AI inference, the biological digital twin enables interactive visualization, precise path planning and navigation support for bronchoscopy, helping clinicians navigate complex procedures with greater efficiency.

LTTS' deep domain engineering expertise in medical imaging and proprietary navigation systems ensures the platform transforms the snapshots taken into living breathing models that evolve with the patient, delivering intuitive, clinically meaningful simulations that mirror real-world anatomy. This helps transform surgical planning and advancing care for serious conditions such as lung cancer, COPD and infectious diseases.

*"AI is reshaping what's possible in diagnostics and medical technology," said **Alind Saxena, Executive Director and President of Mobility and Tech at L&T Technology Services**. "Our collaboration with NVIDIA combines LTTS' expertise in AI-driven diagnostics and predictive analytics, with NVIDIA's powerful, modeling and visualization platform. This lets us engineer a digital twin platform that not only enhances diagnostic accuracy but also gives clinicians an immersive, real-time planning tool ultimately helping deliver better outcomes for patients around the world."*

*"Working with LTTS to accelerate the development of AI-enabled medical technology demonstrates how NVIDIA is empowering the healthcare industry with accelerated computing and AI innovation," said **David Niewolny, Director of Business Development for Healthcare/Medical at NVIDIA**. "LTTS is enabling transformative solutions that bring the vision of real-time AI and biological digital twins powered by NVIDIA to clinical practice - delivering interactive, real-time visualization and intelligent guidance to help clinicians provide higher-quality care and achieve better outcomes for patients."*

About L&T Technology Services Ltd

L&T Technology Services (LTTS) is a global leader in AI, Digital & 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. Headquartered in India, we have over 23,670 employees across 23 global design centers, 30 global sales offices, and 105 innovation labs, as of September 30, 2025.

For more information, please visit <https://www.LTTS.com/>

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