March 16, 2026

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

<u>**Subject: Press Release**</u>

Dear Sir/Madam,

In furtherance to the announcement made by the Company on December 1, 2025, we are sending herewith a copy of the Press Release titled **"L&T Technology Services Launches NVIDIA-Powered AI Lung Digital Twin Platform for Advanced Respiratory Diagnostics"** 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 logo] **L&T Technology Services**

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Press Release

L&T Technology Services Launches NVIDIA-Powered AI Lung Digital Twin Platform for Advanced Respiratory Diagnostics

Leveraging deep learning for immersive 3D visualization, integrated CT imaging workflows and enhanced precision in lung navigation and surgical planning

San Jose (California, USA), March 16, 2026: L&T Technology Services Limited (BSE: 540115, NSE: LTTS), a global leader in AI, Digital & R&D Consulting Services, has announced its next-generation, AI-powered digital twin platform for lung navigation, surgical planning and respiratory diagnostics.

The platform combines LTTS' industry-leading MedTech expertise across medical imaging, AI-driven diagnostics, and connected healthcare systems with NVIDIA AI infrastructure to enable greater precision and enhanced outcomes.

LTTS' lung digital twin solution integrates directly with CT imaging workflows and leverages deep learning models to reconstruct a comprehensive 3D digital twin of the lungs. This redefines visualization of critical anatomical structures including airways, blood vessels, lung lobes, and lesions, enabling clinicians to explore patient-specific lung anatomy in an immersive digital environment and simulate procedural pathways for bronchoscopy and biopsy planning.

The platform is powered by NVIDIA Physical AI infrastructure, including:
- **NVIDIA Omniverse** and **OpenUSD** for interactive 3D digital twin visualization of lung anatomy and supporting immersive exploration of complex structures,
- **NVIDIA TensorRT** to drive optimized AI inference performance across high-speed clinical workflows, and
- **NVIDIA MONAI** to enable advanced medical image segmentation, enabling automated identification of airways, vessels, tumors and lung lobes.

LTTS' scalable digital twin platform transforms static CT scans into **dynamic, simulation-ready lung models,** allowing clinicians to analyze anatomical relationships, plan surgical pathways and navigate bronchoscopic procedures with enhanced accuracy. The framework also supports advanced visualization, automated segmentation, volumetric analysis, and navigation path planning, helping clinicians reduce pre-operative planning time and improve overall procedural safety.

"By combining LTTS' engineering expertise in medical imaging and digital health platforms with the power of NVIDIA's Physical AI infrastructure, we are enabling a new generation of AI-powered biological digital twins for precision medicine," observed **Amit Chadha, CEO & Managing Director, L&T Technology Services.** *"These platforms can transform how clinicians visualize lung anatomy, plan interventions and deliver precision care. The impact will be visible across the global healthcare ecosystem in the years ahead."*

David Niewolny, Head of Business Development for Healthcare and Medical Technology, NVIDIA, said, *"Digital twins are emerging as a powerful new tool for precision medicine. By leveraging NVIDIA Physical AI infrastructure, Omniverse, MONAI and TensorRT, LTTS is transforming CT data into interactive lung digital twins that allow clinicians to visualize anatomy in 3D, simulate procedures and plan clinical interventions with greater confidence."*

With respiratory diseases such as lung cancer and COPD continuing to rise globally, AI-driven digital twin technologies are expected to accelerate the shift from traditional imaging interpretation toward predictive, simulation-driven and minimally invasive intervention planning, enabling more personalized and data-driven treatment pathways.

About L&T Technology Services Ltd

L&T Technology Services (LTTS) is a global leader in engineering and technology 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 23,635 employees across 22 global design centers, 31 global sales offices, and 100 innovation labs, as of December 31, 2025. For more information, please visit https://www.LTTS.com/

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