

November 20, 2023

National Stock Exchange of India Limited
Exchange Plaza, Bandra-Kurla Complex
Bandra (East), Mumbai — 400 051.
NSE Symbol: LTTS

BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street, Mumbai – 400001
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 copy of the Press Release titled “L&T Technology Services Collaborates with NVIDIA to Unveil Gen AI and Advanced Software-Defined Architecture for Medical Devices” which is self-explanatory.

This is for your information and record.

Thanking You,
Yours sincerely,

For L&T Technology Services Limited

Prajakta Powle
Company Secretary & Compliance Officer
(M. No. A 20135)

L&T Technology Services Collaborates With NVIDIA to Unveil Gen AI and Advanced Software-Defined Architecture for Medical Devices

Collaboration Set to Enhance Medical Imaging Through Gen AI & Software-Defined Architectures

BANGALORE, India — November 20, 2023 — L&T Technology Services Limited (LTTS) (BSE: 540115, NSE: LTTS), a leading global pure-play engineering services company, has announced a collaboration with NVIDIA to develop software-defined architectures for medical devices focused on endoscopy, which will enhance the image quality and scalability of products.

This innovative solution comes as an answer to the industry-wide challenges of availability, cost, and dependencies linked to custom and proprietary hardware components. The architecture is a scalable platform that supports multiple applications, providing a real-time decision-making tool for the medical fraternity.

Developed from the ground up, the architecture boasts an image processing pipeline for noise reduction, edge and contrast enhancement, texture and color enhancement, and speckle correction. What sets it apart is its inclusion of AI/ML models developed for the detection, identification, and classification of polyps - abnormal growths often found during colonoscopies. The solution further impresses with its user-friendly interface and seamless integration of the image processing pipeline for visualization. It promises low-latency data transfer, superior image processing without performance bottlenecks, and scalability.

The collaboration leverages the NVIDIA [Holoscan and NVIDIA IGX Orin platforms](#), featuring ultra-low latency in data transfer, superior image processing, and scalability to support multiple AI-enabled applications. This helps ensure enhanced visualization for image processing and AI-based decision-making support, such as for polyp detection and classification.

“The combination of LTTS’ expertise in medical-device development and NVIDIA’s full-stack edge AI computing platform delivers unprecedented value to the medical technology industry by accelerating the development of AI-enabled, software-defined medical devices,” **Shanker Trivedi, Senior Vice President of Enterprise Business, NVIDIA**. “This collaboration provides a complete solution for customers looking to transition to a software-defined business model via real-time AI applications.”

“Our collaboration with NVIDIA helps us push the boundaries of what’s possible in medical imaging,” said **Amit Chadha, CEO and Managing Director, L&T Technology Services**. “The combination of the NVIDIA Holoscan software platform for edge AI inference and the NVIDIA IGX Orin hardware platform accelerates the development of AI-powered medical imaging solutions by enhancing image quality and real-time clinical decision-making support, making clinicians more efficient and improving patient outcomes.”

ABOUT L&T TECHNOLOGY SERVICES

L&T Technology Services Limited (LTTS) is a listed subsidiary of Larsen & Toubro Limited focused on Engineering and R&D (ER&D) services. We offer consultancy, design, development and testing services across the product and process development life cycle. Our customer base includes 69 Fortune 500 companies and 57 of the world’s top ER&D companies, across industrial products, medical devices, transportation, telecom & hi-tech, and the process industries. Headquartered in India, we have over 23,800 employees spread across 22 global design centers, 28 global sales offices and 102 innovation labs as of September 30, 2023.

For more information, please visit www.LTTS.com

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