



Press Release

Tejas Networks and Intel team up to bring Direct-to-Mobile (D2M) capability to Laptops ushering in new possibilities for Universal Education

Bengaluru, April 29, 2025 – Ahead of the World Audio Visual & Entertainment Summit (WAVES) 2025, Tejas Networks [BSE: 540595, NSE: TEJASNET] and Intel today announced the successful integration of Direct-to-Mobile (D2M) capability in Intel-powered laptops enabling delivery of educational content to students across India leveraging Artificial Intelligence (AI).

D2M is a broadcasting technology developed as part of an ongoing proof-of-concept at IIT Kanpur. It uses terrestrial TV broadcast airwaves to deliver live TV, Video, Audio and text messages (multimedia content) of public and national importance such as entertainment, sports, educational programming and emergency alerts directly to mobile phones and compute devices without the need for Wi-Fi or internet service.

Universal access to education is a critical prerequisite for achieving Hon'ble Prime Minister Narendra Modi's vision for a Viksit Bharat by 2047.

By integrating D2M into Intel's personal computing (PC) platform, Tejas Networks and Intel have laid the foundation for a fully integrated compute device that is ready to deliver education without connectivity barriers in a cost-effective manner. This collaboration between Intel and Tejas Networks is a testament to 'Design in India' and 'Make in India' efforts. The innovative laptop design is powered by Intel processor and an embedded antenna coupled with Tejas – Saankhya SL-3000 SDR chipset for enabling D2M services. Tejas Networks has also developed a suite of infrastructure hardware and software products for D2M network deployment. The end-to-end indigenously developed technology powered by SL-3000 SDR chipset has been under test in live networks by Prasar Bharati in partnership with IIT Kanpur and Tejas Networks over the last few years.

Parag Naik, Executive Vice President, Tejas Networks, said, "With the integration of D2M chipsets into Intel-powered laptops, we are unleashing a revolutionary leap in educational content delivery. Leveraging the multicast architecture of ATSC 3.0, D2M platform allows simultaneous transmission of diverse educational content—each tailored for different grades, school boards, or languages—directly to students, even in connectivity-underserved geographies. The award-winning SDR chipset for D2M is powered by an indigenous multi-core DSP architecture that has gone through two generations of field hardening. D2M is a scalable, cost-effective, and resilient system that ensures inclusive, high-quality learning, no matter where the learner is situated and will catalyze the country's emergence as a knowledge powerhouse in the coming years."

Gokul Subramaniam, President Intel India and Vice President, Client Computing Group, said, "Intel continues to innovate with the ecosystem to bring unique computing experiences to the users and enable them to perform tasks that can transform their lives. D2M technology, as part of our collaborative effort with Tejas Networks, opens a range of new possibilities to



deliver content through personal computing and edge devices. We believe the possibilities with this capability in a PC are far reaching for education in India and globally.”

Shashi Shekhar Vempati, Chairperson of UGC Committee on Educational Media Reforms said, “In line with Hon’ble Prime Minister Narendra Modi’s vision for a Viksit Bharat (Developed India) by 2047, the integration of D2M broadcasting technology with AI-capable edge computing can lead to a full-stack (chips to platform) deep-tech public goods infrastructure purpose-built to deliver high quality educational content to India’s youth. This initiative also aligns with the National Education Policy (NEP) 2020’s vision of equitable and inclusive education by helping overcome digital access barriers for students nationwide.”

About Tejas Networks Limited

Tejas Networks Ltd. designs and manufactures high-performance wireline and wireless networking products for telecommunications service providers, internet service providers, utilities, defense and government entities in over 75 countries. Tejas is an innovative, leading-edge technology company with a wide range of communication products for 4G/5G, Optical, Routing, Broadcast and Satellite Communication applications. With its unique 'chipset-to-systems' expertise, Tejas’ solutions include award-winning SDR chipsets for communications, next-generation Open RAN Solutions for 5G networks, multi-standard direct to mobile (D2M) broadcast and Satcom solutions. Tejas Networks Ltd. is a part of the Tata Group, with Panatone Finvest Ltd. (a subsidiary of Tata Sons Pvt. Ltd.) being the majority shareholder.

For more information, visit <https://www.tejasnetworks.com> or contact Investor Relations at ir@tejasnetworks.com

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