ITI and Thalamus Irwine demonstrate Technology to Revolutionize Healthcare under "*One Nation, One Health Card*"

Bengaluru: With the rising second wave of COVID-19 in India & the growing need for a COVID and Health Passport System, ITI Ltd., a state run PSU under Ministry of Communications and Thalamus Irwine, Delhi based AI Firm, under its healthcare platform Garuda, have demonstrated a working proof of concept (PoC) for the technology that can accelerate the roll out of "One Nation, One Health Card" vision of Hon'ble Prime Minister Shri Narendra Modi.

Supplementing the vision of "One Nation One Health Card" of Hon'ble Prime Minister Shri Narendra Modi with this initiative, **Shri. Rakesh Mohan Agarwal, Chairman and Managing Director ITI Ltd, said,** "ITI's partnership with Garuda allows us to bring blockchain technology to the forefront of the healthcare ecosystem. The very first PoC of this AI based testing was conducted in Bangalore and another was done in the Delhi airport under the brand Garuda. With this initiative, we have taken one step ahead of this by using Block Chain Technology for safe storage of the data. To provide data security, ITI has already established a tier 3 Data Centre where information of all the health cards of citizens can be safely stored. This is first of its kind technology that helps build a Robust Health care eco System. With this unique collaboration, ITI is set to be one of the first PSU's to store medical data on a Blockchain network.

Highlighting the importance of Blockchain Technology for National Digital Health Mission, **Shri. Rishabh Sharma, Founder, Thalamus Irwine, Garuda Blockchain Platform**, said, "This demonstration is an end-to-end digital health ecosystem where we have performed a sero-survey using an AI enabled medical device and also compiled the analytics in real-time followed by storing that data on the blockchain network. This indigenously developed blockchain technology will include India in the list of very few countries which have successfully demonstrated its ability to use blockchain in a healthcare ecosystem.The demonstrated technology can unify India's massive healthcare ecosystem under a single umbrella, using a blockchain backend."

Commenting on the partnership between ITI & Garuda, **Shri. David Moss, Founder and CEO of StrongBlock and Co-Leader of the historic launch of EOS Mainnet & former executive of BlockOne** said, "The achievement to store medical data on the blockchain network marks a pivotal step for India in blockchain technology's future and its widespread adoption. This proof of concept serves as the fundamental and best step forward towards India's plans for its National Digital Health Mission, and an opportunity for global leadership in the adoption of blockchain technology in the ecosystem."

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About ITI Limited

ITI Limited, country's premier telecom company and multi-unit central public sector undertaking is a total solutions provider in telecommunications segment. The company has state-of-art manufacturing facilities in six locations (Bengaluru,

Naini, Raebareli, Mankapur, Srinagar and Palakkad) along with an in-house R&D centre in Bengaluru and marketing, services & projects (MSP) offices spread across the country. The Company offers complete range of telecom products covering the whole spectrum of switching, Transmission, Access and subscriber premises equipment. Besides offering the latest telecom solutions and customized support to a variety of business, ITI has dedicated Network System Unit for carrying out installation and commissioning of equipment and for undertaking turnkey Projects. ITI is focused on manufacturing of diversified products in defence and Railway Sectors and the manufacturing of solar equipment, NGN products, GPON, LED Lighting Systems, Optical products, PMP Microwave along with other allied products like HDPE, OFC, LI-ION Batteries, Smart Cards, Defense Equipment, Wi-Fi etc. The company is also consolidating more of its diversifications into Defense, IOT, E-Governance, IT projects and Services sector to gain competitive edge. The company is also successfully running state-of-art Data Centre at Bengaluru and offering its services to government institutions/departments, banks etc.