

What is India's first 4G mobile base station?

In a groundbreaking move, the Indian Army has inducted the first-ever indigenous chip-based 4G mobile base station, procured from Bangalore's Signaltron via the government e-marketplace portal, according to a top company official.

How big is the Indian base station market by 2029?

Khasnis said the Indian base station market is expected to be about USD 24 billion by 2029. "With the use of indigenous systems, there could be significant savings to forex and also boost GDP. There are sizeable market volumes available in India and worldwide.

Is India using Indian chips for complex communication technology?

This is the first time an Indian system running on an Indian chip for complex communication technology has been inducted into the army. Using indigenous chips gives a high degree of control on the security of the system in its operation," Khasnis said.

Why should Indian Army use indigenous chips?

Using indigenous chips gives a high degree of control on the security of the system in its operation," Khasnis said. He said the Indian Army had posted a bid on GeM (Government e-Marketplace) for the supply of 4G LTE NIB (Network In a Box) solution last year.

Who developed Sahyadri LTE base stations?

Himamshu Khasnis, founder of Signaltron, said that the chips used in the Sahyadri LTE base stations were developed by Signalchip. Signalchip, a fabless semiconductor company founded by Khasnis in 2010, focuses on producing chips for 4G and 5G networks.

Indian Army : Explore how the Indian Army's induction of an indigenous 4G base station by C-DOT enhances communication capabilities and supports national security. Learn ...

Procured from the Bangalore-based firm Signaltron, the Sahyadri LTE base stations are developed with India's first 4G and 5G chips from Signalchip, marking a significant milestone ...

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The majority of the base stations deployed in India are not made in India. This is the first time an Indian system running on an Indian chip for complex communication ...

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