

CAT, Samart to expand DTRS services nationwide

THE NATION

CAT Telecom Plc and Samart Digital Corporation Plc will expand the Digital Trunked Radio System (DTRS) by adding 1,000 stations to the telecommunication infrastructure and renting equipment.

The move is expected to enlarge the two firms' coverage to all major cities in Thailand using the "One to Many" approach to manage communication in small or large groups.

The system employs unique encryption to ensure security. The two companies are confident that the expansion would add at least 200,000 customers by the end of 2019.

"CAT is currently expanding DTRS on the 800MHz frequency," said Sa-ngob Sangkhachinda, Executive Vice President (Wireless Operation) of CAT. "The company received the concession to operate on the frequency from the Office of the National Broadcasting and Telecommunications Commission. CAT is the sole operator of the frequency.

"The company recently has joined hands with SISC Consortium of Samart Digital to expand the DTRS network to increase coverage to most of Thailand.

"DTRS is capable of spreading information among the users with the same group or among different groups. This technology enables

users from various groups to receive the same information immediately and simultaneously."

DTRS gives users the ability to manually select their preferred channel and encryption to increase security.

DTRS can also be used as a mean of communication during emergency situations. The radio devices are durable. Some of the models are made of anti-spark materials, suitable for field works or in the petrochemical industry, which demand a reliable and safe communication system.

DTRS has an integrated GPS to locate the device's position and determine its real time speed. A DTRS device features the "Man Down" system, which helps assess environmental risks.

DTRS users with CAT services are mostly in the East and the Central regions and include petrochemical factories, refineries, logistics companies, disaster prevention and mitigation units, Buriram Stadium, and various rental clients.

After CAT expands its network, it plans to also expand DTRS coverage. CAT is expected to offer its services to governmental units, state enterprises, private companies, factories in the industrial sector, various business firms such as logistics companies, industrial estates, hospitals, rescue centres and security firms.