



DEVELOPING TeLEOS-2

**ST Electronics'
Next Generation
Earth Observation Satellite**

ST Electronics announced its latest satellite developments at the recent Global Space & Technology Convention 2017 that would further propel the growth of Singapore's space industry and strengthen its position in the global space market.

A new next-generation Earth Observation Satellite, TeLEOS-2, will be developed by ST Electronics, in partnership with the Defence Science & Technology Agency. This is to support Government of Singapore agencies such as Civil Aviation Authority of Singapore, Ministry of Home Affairs, Ministry of Defence, Maritime and Port Authority of Singapore and the National Environment Agency for their satellite imagery requirements.

"The development of TeLEOS-2 represents yet another significant milestone for ST Electronics, and a major leap forward into the space business," said Mr Ravinder Singh, President, ST Electronics. "It clearly demonstrates our strong capabilities in engineering and satellite technologies, and signifies our firm commitment to continue the investment and built-up of the Space eco-system in Singapore."

The 750kg satellite, TeLEOS-2, will carry a made-in-Singapore Synthetic Aperture Radar payload capable of providing 24 x 7 day and night, all-weather imaging opportunities, with 1-metre resolution. This is a further enhancement of ST Electronics' commercial satellite imaging services as the earlier successfully launched satellite, TeLEOS-1, provides up to six daylight imaging opportunities along the equatorial belt.

TeLEOS-2 will also be equipped with a 500 Gbytes onboard recorder for recording the data captured and a high speed 800 Mbps down link. This is a significant and exciting development that will further expand ST Electronics' space capabilities.

ST Electronics also signed a Memorandum of Understanding with Collecte Localisation Satellites, a subsidiary of the French Space Agency (CNES), to conduct a joint market study and to promote maritime surveillance services in the Asia Pacific region. This collaboration aims to address the growing demand relating to maritime security, as well as widen ST Electronics' market reach in the business.