SpeQtral – Securing Global Networks in the Quantum Era

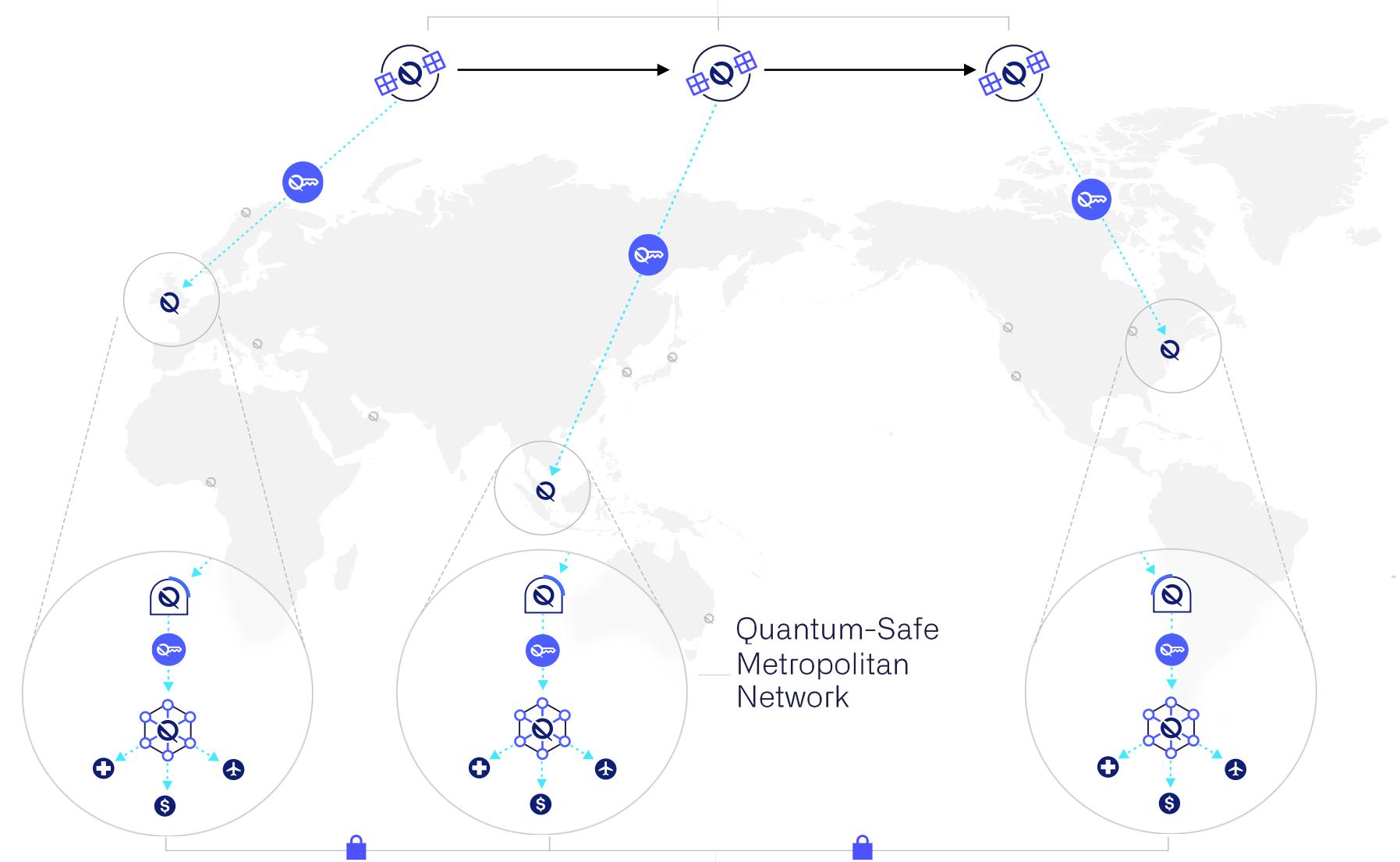**Company Overview**:

- A spin-off of the National University of Singapore's Centre for Quantum Technologies (CQT), with over a decade of R&D heritage in building **satellite-enabled quantum cryptographic solutions**

- Offers full range of **quantum hardware and software technology and product portfolio** to enable global quantum secure communications

- On track to be one of the world's first commercial entities to launch Quantum Key Distribution (QKD) satellites with a focus on addressing practical commercial requirements of end users

Key Programmes:

- Selected to provide intercontinental satellite QKD links (EU-SG) in European Space Agency's programme on International Use Cases for QKD (INT-UQKD)

- Appointed by Singapore's Infocomm Media Development Authority (IMDA) to roll out Singapore's National Quantum Safe Network

Quantum keys are generated and distributed via SpeQtral's Quantum Safe Satellites

Quantum-Safe Metropolitan Network

Encrypted data transmitted via existing global telco infrastructure and subsea fibres

Full range of quantum hardware and software technology and product portfolio

Quantum Sources & Receivers

Quantum Optical Terminals

Quantum Optical Ground Stations

Backend Quantum Units

Software stacks – QKD protocols, Satellite KMS