



QKME is a state of the art network appliance able to perform secure key storage and key deployment following the latest standards in the QKD field.

The **Quantum Key Management Entity (QKME)** is a fundamental technology in order to provide compatibility and interoperability between different systems and existing infrastructures.

KME allows the integration between classical and QKD technology, abstracting the key-generation process and providing simple **REST APIs**.

QTI product can manage **multiple clients** and allow communications between clients using different standards.



The QTI logo, consisting of the letters 'QTI' in a white, stylized font with a horizontal line through the 'Q', set against a dark blue background with a subtle pattern of binary code and circuit lines.

QKME is currently compatible with the following **standards**:

ETSI GS QKD 014

ETSI GS QKD 015

Cisco SKIP

QKME also implements quantum hybrid functionalities. It can be fully integrated with QTI **Quell-X** QKD systems and is an essential component of QTI **QSDN** solution for a complete QTI turn key solution.

### Key advantages

- Multi-vendor KME
- Efficiency and secure trusted-node capability
- Quantum hybrid functionalities
- Support SNMP and Syslog configurations for system monitoring and event logging
- Effectiveness on existing infrastructures
- Interoperability
- Graphic User Interface (GUI) and Command Line Interface (CLI)

