QTI

QKME

QTI cutting-edge
management of secret keys

QTI QKME (Key Management Entity) is a state of the art network appliance able to perform secure key storage and key deployment following the latest standards in the Quantum Key Distribution (QKD) field.

KME 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.

QKME is currently compatible with the following **standards**:
- ETSI GS QKD 014 standard
- Cisco SKIP

QKME can be fully integrated with QTI **Quell-X** QKD systems and is an essential component of **SDN** configuration for a complete QTI turn key solution.

Key advantages

- Compatibility with different systems
- Effectiveness on existing infrastructures
- Interoperability
- Ability to manage multiple clients
- Fully integrable with other QTI products

App A1   App A2   ...   App AN   App B1   App B2   ...   App BN

KME A   KME B

QKD - Quell-X