What We Offer

Qrypt Secure Escrow is a solution for Copper's multi-party computation (MPC) security implementation. Acting as the Trusted Third Party (TTP) for your 3rd key shard, Qrypt provides a U.S.-based secure cold storage and retrieval solution that meets the stringent requirements of institutional investors.

- **Verified shard instructions are typically executed in under 12 hours**

- **24/7/365 availability**

- **Fully auditable custodian process available on request**

As a leading provider of quantum-secure encryption products, Qrypt is the only TTP with the technology, know-how, and processes to meet the stringent requirements of institutional investors. Your ability to transact and access your assets quickly after a disaster matters more than ever. Make sure your recovery partner is up to the task.

How We Work

Qrypt participates in the initial shard creation ceremony. We use our own Qrypt Quantum Secure Encryption product to one-time pad encrypt and backup shards on secure air-gapped devices. Backups are geographically distributed to protect against catastrophic loss. One-time pad encryption is the gold standard for the most demanding environments, including within the intelligence community, as the algorithm is mathematically proven to be secure. Additionally, all one-time pad encryption keys are based on quantum random number generators designed, built, and operated by Qrypt.

Qrypt retains custody of one of three shards created in Copper's MPC implementation. If a disaster or shard loss occurs, for example, if an employee loses a storage device, you can still perform a transaction or transfer assets to a new wallet by contacting Copper and Qrypt, who will retrieve your shard from cold storage. This eliminates the risks typically associated with the loss of private keys or the institutional failure of your digital asset broker.

About Qrypt

Qrypt's mission is to protect the world's data. Ending encryption key transmission, the Qrypt Quantum Security suite hardens security and future-proofs encryption against quantum attacks. Qrypt's unique technology independently generates one-time pads and symmetric keys at multiple endpoints, so you can eliminate key transmissions from critical workflows today. Qrypt's team of engineers, physicists, and cryptographers is committed to creating a new standard in security.