

## **Qwyit: A new cybersecurity technology company**

Three defining characteristics:

1. The *only* cybersecurity technology company with *true innovative* technology based on patented, unique cryptographic methods that *actually solve* today's security problems (network intrusion, stolen records, daily cloud hacks, etc.)
2. Technology that has the *required properties* to solve these problems in *Real Time*, across *multiple markets* (lot, autonomous transportation, Internet, AI, Financial, etc.)
3. *Independent verification* and *benchmarking* of all methods and products

The reason Qwyit technology works, is because its underlying protocol and methods are:

- **FASTER** – several *orders of magnitude* faster (in hardware, *line speed operation*)
- **MORE EFFICIENT** – in bandwidth, dev space, message architectures – *orders of magnitude* more efficient
- **WIDELY FLEXIBLE** – Four (4) unique, new products across multiple markets, ready for adoption, and our protocol can be used anywhere secure coms are today
- **MORE SECURE** – Qwyit provides *continuous, mutual authentication in every participant transmission in real time*, and the method includes two market/cryptographic science innovations that *do not exist in any current techniques*:
  - Qwyit delivers true, mathematically independent, provably secure One Time Pad encryption, with *unique key bits for every plaintext bit in every message, at every use* (which is the only provably unbreakable encryption cipher)
  - Qwyit delivers an instant method to update keys uniquely upon every use with NIL (no communication across all users; this is the Holy Grail of key management – instant, undetectable (because there's no participant communication, and it can be performed everywhere, anytime, in real time)

Products:

- **QWYITCHIP** – The entire Qwyit authentication and data encryption service on an FPGA
- **QWYITTALK** – The core Qwyit platform: Security As A Service – *Any app* can simply attach, use the service, and provide *provably secure communication*
- **QWYITSTORE** – Solution for the 'Zuckerberg Problem', the 'Experian Problem' – Qwyit actually allows *Real Time* ownership of participant data when stored on someone else's platform!
- **QWYITCARD** – Simple method to provide *superior security* on a credit card, for a credit card transaction, *without* the \$15Billion Chip price tag! QwyitCard can be performed on an 'old mag stripe card', faster, and with more security properties (No fraud, No card replication)
- **QWYITCASH** – This is tomorrow's solution to the entirety of Retail Credit Transactions – No cards, No readers, Buy Wherever, Whenever – it's *Better Than Money!*