KryptAll COMBATS QUANTUM COMPUTING

Be Certain Your Calls Are Safe

The KryptAll quantum secure communications solutions protocol will employ encryption keys that rely on quantum mechanics.

BEVERLY HILLS, CA, USA, September 7, 2016 /EINPresswire.com/ -- KryptAll, a leading provider in secure communication solutions, has announced that it has entered into the next generation of encryption solutions by funding a research project to develop communication solutions that will resist quantum computer attacks. KryptAll's goal is to have the solutions available by 2021 to its clients.

Today's secure encryption techniques rely on keys created by multiplying two prime numbers together. Brute strength attacks are not possible due to the amount of time it would take to crack the keys with present day super computers. This is projected to change as early as 2036 with Quantum computing causing present day methods of secure encryption to be obsolete; however, it will also provide much greater security with the development of quantum resistant algorithms and quantum cryptography. KryptAll's quantum secure communication solutions protocol is being designed to use less bandwidth than existing methods while providing quantum cryptography.

> KryptAll is dedicated to keeping your calls safe.
> *Richard Di Sabatino*

The KryptAll quantum secure communications solutions protocol will employ encryption keys that rely on quantum mechanics. For example: when a photon travels from one position to another, it travels in an indeterminate orientation or polarization. This method is secure as it is altered as soon as someone tries to measure it. The random key numbers will be designed to be quantum generated for a one-time pad with automated statistical testing.

If a key was encoded via quantum particles there would be no way to measure and/or eavesdrop on the key without changing it. This will cause instant detection and make the key useless to decoding.

KryptAll currently provides state of the art secure communication solutions for cellular and landline phones. For more information, visit www.KryptAll.com.

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