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NEW CLASS OF VIRULENT AND EPHEMERAL ENCRYPTION KEYS FROM INTERNET PROMISE GROUP DELIVER CRITICAL SECURITY FOR COMMERCIAL, MILITARY AND GOVERNMENT APPLICATIONS

LOS ANGELES (July 5, 2017) -- Internet Promise Group, Inc. (IPG), a leading provider of security software, secure data storage and cyber-security systems has introduced Random Dance Keys (RDK), a new class of scalable encryption keys so virulent and ephemeral they are impervious to brute force attacks.

Unlike current data security methods that focus on creating more advanced encryption algorithms, RDK provides breakthrough innovation in the encryption key space itself that until now was the standard key size of such as 256 random sequences of bits.

RDK encryption keys are engineered not only to be unbreakable by brute force methods, but impossible to steal or hack by focusing on the innovation in the encryption key itself rather than the encryption algorithm. They are generated randomly for every data block within in a secure communication channel, are unique per data packet or time slice, per direction and based on six layers of random separation for in-depth defense.

In addition, this next-generation of a sequence of encryption keys are:

- Created instantly when needed for encrypting or decrypting a dataset using an algorithm
- Never stored anywhere and are instantly discarded
- Engineered to protect data without disruption to existing encryption systems to ensure ease and usability within current systems
- Designed to provide seamless integration with current systems, protocols, or environments using wireless nationwide networks and combination of wireless and landline networks

"Generated at the time of actual use for encryption or decryption and immediately discarded after one time use to ensure data communications security, RDK nullify threats by eliminating the value of stolen or leaked data," said Tara Chand, chairman and Chief Executive Officer of Internet Promise Group.

How do they work? RDK creates and uses a random wave envelope that generates a perpetual sequence of uniquely random encryption keys at both ends of any communications channel. The advanced key management solution of RDK uses existing encryption algorithms and an existing encryption key as a seed, without displacing current methods. RDK are easy to use, scalable and are deployable within a few days.

RDK offers multiple applications and solutions to eliminate privacy and end-to-end security issues for communications across computers including wireless networks, cloud storage services, other external storage systems, business networks and financial institutions. RDK also provides advanced solutions for critical security network communications and data storage by military, defense and government agencies.

For today's military, RDK can provide shared encryption keys among the U.S. forces and its allies collaborating in military operations in the Middle East and other war zones around the globe. Patented RDK technology may be licensed for commercial, military and government hardware, firmware and software applications. For information call (310) 787-1400 or visit www.internetpromisegroup.com.

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About Internet Promise Group

Founded in 2014, Internet Promise Group, Inc. (IPG) develops and markets a wide range of mobile, security and information systems applications. IPG has invested \$5 million in research and development to engineer products and services that secure transactions, authenticate identity, increase safety and save lives. IPG and its wholly-owned subsidiaries hold 50 patents and more than 100 patents pending for advanced technology solutions for consumers, business and government.