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Contacts:

Andrew Hammond
MagiQ Technologies, Inc.
617/ 661-3338

Anthony Citrano
fama PR
617/ 758-4140

MagiQ Technologies Secures Two Major Accolades for Innovation and Leadership

Quantum Information Processing Leader Recognized by Scientific American and IEEE Spectrum for Innovation in Quantum Cryptography

NEW YORK, NY – NOVEMBER 8, 2004 – MagiQ Technologies, Inc., *the* quantum information processing (QIP) company, today announced that the company had been recognized by two leading scientific magazines - *Scientific American* and *IEEE Spectrum* – for their innovations in QIP. *Scientific American* will name MagiQ as a “Business Leader” within their 2004 *Scientific American* 50 – the magazine’s prestigious annual list recognizing outstanding acts of leadership in science and technology during the past year. *IEEE Spectrum* named MagiQ in their 40th anniversary issue as one of *Spectrum’s* “Top Ten Companies to Watch”, the magazine’s annual roundup of the ten companies having dramatic impacts on the world of information technology.

“*Scientific American* believes strongly that the best hope for a safer, healthier, more prosperous world rests in the enlightened use of technology,” said John Rennie, editor-in-chief of *Scientific American*. “The *Scientific American* 50 is our annual opportunity to salute the people and organizations making that possible through their outstanding efforts as leaders of research, industry, and policymaking.”

MagiQ Technologies received *Scientific American’s* Business Leader Award in the Computing category for work during 2004 on the world’s first commercial quantum cryptography system.

Spectrum, in print for 40 years, is the flagship publication of the Institute of Electrical and Electronics Engineers (IEEE), a professional organization of high level technologists, engineers, and scientists. The IEEE is also the world’s largest professional association.

“All of us at MagiQ are very honored to be recognized by these two prestigious publications – *Scientific American* and *Spectrum* – for our years of hard work bringing quantum physics out of the lab and into the enterprise,” said Bob Gelfond, CEO of MagiQ Technologies. “Finding ourselves in the same category as some of the previous honorees is humbling, and we hope this recognition will help us continue to execute on our vision of developing and commercializing quantum information processing technologies.”

MagiQ's QPN 5505, the world's first commercially available quantum key distribution (QKD) system, relies on the laws of physics rather than the computational difficulty of breaking keys, and is easily integrated into existing digital computing infrastructures. MagiQ's QKD system incorporates real-time key generation with quantum distribution for absolute certainty in detecting compromised keys. The system offers cost-effective protection from both internal threats such as disgruntled employees and external threats including corporate, government, and other sources of exposure. The system supports secure key exchange at distances up to 120 km, a major technical accomplishment that makes very long secure spans possible via cascading devices.

About MagiQ Technologies, Inc.

MagiQ Technologies (www.magiqtech.com) is *the* quantum information processing (QIP) company. Through its unique blend of science, business and engineering expertise, the Company is the first to commercialize the advancements in quantum information to benefit forward-looking organizations seeking competitive advantage through technology. Founded in 1999, MagiQ is a privately-held company headquartered in New York City with research & development laboratories in Somerville, Mass.

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