

## Oasis Technology's TITAN Protects Medical Industry from Computer Hackers

*TITAN blocks hackers from networks and systems, including recent "WannaCry" virus*

Oasis Technology, an Information Technology security company based in Camarillo, California, has developed and patented a unique "before the firewall" Intrusion Prevention Technology that keeps hackers out of computer networks and systems critical to hospitals and the medical industry.

"Sophisticated computer hackers are now using break-in attempts that were not even thought of three years ago and they are having a lot of success getting in to systems and holding them hostage," said Oasis Technology CEO George Baldonado. "The recent 'WannaCry' virus attack that crippled hospitals in Britain shows how important it is for the medical industry to protect itself against cyber criminals."

In mid-May, hackers struck in a massive international computer attack that harmed government and business computer systems worldwide. Cyber criminals broke in to computers and then demanded \$300 or more from users to unlock their files in attacks called ransomware. Large institutions, hospitals and government agencies were affected, including Britain's National Health Service, with hospitals having to cancel surgeries and patient care interrupted. Today, many patient records are stored electronically, versus on paper, making the medical industry especially vulnerable to hackers. Files on infected computers can be deleted if the owner does not pay the hacker.

Oasis Technology's TITAN unit supplements the current "firewall only" paradigm and adds an extra layer of protection. "TITAN protects the medical industry from external attacks including ransomware. If they had TITAN, this recent "WannaCry" attack would not have affected all those hospitals," Baldonado said.

Ransomware gets in the computer and encrypts the data. A ransomware infection can come from a bad website, an infected file, or even an infected flash drive. Once the ransomware is on the computer it then begins activity to start the encryption process. TITAN blocks it because it watches over all of the communication and stops the external network activity before ransomware can even start its initial communication.

Among those successfully using TITAN is San Fernando Valley Urological in Los Angeles. Once TITAN was installed, it notified the urological group about many issues hidden in their network traffic. TITAN's implementation has provided many levels of enlightenment of what happens on the "dark web," said San Fernando Valley Urological spokeswoman Patti Barton.

TITAN has been vetted, field-tested and installed in medical, banking, business and city government environments. To date, TITAN has fended off over 22 billion attacks, Baldonado said.

TITAN's stealth design cannot be sensed from the outside and therefore cannot be hacked. TITAN's patented mode architecture allows it to secretly sit in front of the firewall, observe traffic, and act on the bad traffic that is traversing through the pipe. TITAN also self-analyzes, changes and self-adjusts its rules and develops its own database in accordance with the hacker's methodology. TITAN's 24/7 call home feature also allows for continuous updates, real-time monitoring, data warehousing of all hack attempts, daily backups, detailed reports of attempted hacks, automated support, and additional real-time analysis of all TITAN traffic based upon the data contained in the data warehouse.

TITAN received a significant vote of confidence earlier this year when Cyber Defense Magazine, the industry's leading electronic information security magazine, named TITAN the winner of the "Best Product in Intrusion Prevention Systems."

#### *About Oasis Technology*

*Oasis Technology was founded in 1979. The company offers TITAN, IT and cyber-security consulting, and network security services. Oasis offers IT services to businesses, hospitals, government agencies, and educational institutions. Visit [www.oasistechnology.com](http://www.oasistechnology.com) or call CEO George Baldonado at (805) 445-4833.*