

VOICE SMART NETWORKS Protects SMBs From DNS Attacks

Leading Provider in Managed IT Services Shares Best Practices for Dealing with Data Attacks Through DNS

LOS ANGELES/VENTURA/ORANGE COUNTY/SAN DIEGO – December 2018 - Voice Smart Networks a leading managed technology services provider (MTSP), is helping small to mid-sized businesses (SMBs) protect themselves and their customers from DNS (Domain Name Server) attacks through innovative technology solutions. As businesses around the world continue to migrate to cloud-based technology, and the demand for these solutions continues, the risk of a DNS-based attack grows simultaneously, as well. Voice Smart Networks is actively educating the business community and protecting SMBs from these threats.

Many businesses don't realize the potential dangers of this type of threat because of its abstract nature. Domain Name Servers (DNS) maintain a directory of domain names and translate them to Internet Protocol (IP) addresses. When hackers attack, they essentially overload websites with traffic, and then siphon traffic from the site the user was attempting to visit to a malicious one. Once the user arrives, they are subject to phishing attacks, malware installation and a whole host of other threats. Domain Name Servers are essentially the intersection between an Internet user and any business application they're attempting to reach. Having unsecured DNS settings is like having an unsecured traffic system.

If hackers can get inside and control which lights turn green and which turn red, imagine the traffic and accidents that could occur. This is essentially what is happening within unprotected networks.

"Most business owners are completely unaware of this threat and it's growing prevalence. We basically tell our customers that if they don't have DNS security measures in place, they don't have any security at all," stated Ryan Mulvany, VP of Sales & Marketing of Voice Smart Networks. "If there's a site that is known to be malicious, the company simply must prevent access."

An oversimplified explanation of DNS security is that everyone uses the Internet and that DNS security services actively disables employees, vendors and customers from being able to visit sites that are known to have been contaminated or malicious in nature. This safeguards all stakeholders and keeps company reputations strong by preventing hackers from ever reaching the data they wish to misuse.

DNS attacks have even reached major players in today's business world. In fact, in 2016 there was a major DNS attack that shocked the world and captured everyone's attention regarding the power of the issue. The Guardian reported that the attack was "...bringing down sites including Twitter, the Guardian, Netflix, Reddit, CNN and many others in Europe and the US." The Guardian also added, "The cause of the outage was a distributed denial of service (DDoS) attack, in which a network

of computers infected with special malware, known as a 'botnet', are coordinated into bombarding a server with traffic until it collapses under the strain."

ABOUT VOICE SMART NETWORKS

Founded in 1982, Voice Smart Networks is Southern California's leading unified communications company. The company's mission is to increase its customers' profitability, improve their productivity and give them a competitive advantage by implementing the right technology. Voice Smart Networks is the only provider that protects its customers from the two risks of technology - obsolescence and cost. As its customers' trusted technology advisor, Voice Smart Networks has earned the position as the market leader and its customers' business through quality products and services.

As a premier member of Technology Assurance Group, Voice Smart Networks is able to fulfill all of its customers' technology needs. This means that the organization is the ultimate resource for business phone systems (VoIP and Session Initiation Protocol (SIP) provisioning), Managed IT Services, Network Security, Video Conferencing and Disaster Recovery.

Voice Smart Networks delivers future technology today! For more information, please visit please call 800-500-2696 or visit us at www.voicesmartnetworks.com.