

CyberRAVE VPN.com Domain Library Relevancy

A Virtual Private Network (VPN) uses the public Internet and restricts access to private data assets for distributed users and groups. Internet-based VPN deployments are replacing traditionally owned and leased private lines due to the degree of flexibility and cost savings they provide. The variety and scope of VPN deployments have mushroomed in recent years because of investment and business focus towards services that help connect, and manage user groups.

A VPN works using the shared public infrastructure while maintaining privacy with advanced security procedures and tunneling protocols. A “VPN Service Grid” helps enable safe computing for whole vertical communities of interest by establishing a trusted online platform for resource discovery and data exchange.

According to research firm Gartner, VPNs will be the primary remote network access method for greater than 90 percent of casual employees by 2008, more than three-fourths of contractors and more than two-thirds of business telecommuting employees. VPNs are increasingly thought of in terms of their capacity for providing “resource gateways” to service and voice oriented architectures.

CyberRAVE recognized IP-centric convergences and projected broad-based VPN adoption would occur within bifurcated (public/private) networks needing increasingly granular access, authentication and accounting controls. Although related standards were still immature, CyberRAVE acted on a domain acquisition strategy first conceived in 1993. It began purchasing keyword names in January 1999 that included all primary industries coupled with VPN.com. The purpose for acquiring domains was to provide a vertical brand strategy and naming platform for a broad-based public and private sector secure communications initiative. CyberRAVE maintains that secure virtual communities will benefit from the common language provided by a well-formed generic Top Level Domain (gTLD) library of common, keyword phrase, dot com domains.

CyberRAVE contends that common names are like zip codes that describe personal areas of interest and involvement. Popular search engines offer significant “weight” to a site’s domain name and resource identifiers relevancy in ranking and displaying search results, whereas significant savings can be realized in marketing and branding towards common keyword domain name strategies. The acronym “VPN” is distinctive, easy to remember and ubiquitous throughout the world. A well-formed list of topical domain namespaces is of particular value to people using voice architectures that associate speech technology for access (voice recognition), navigation, and hands-free operation.

The CyberRAVE common name (industry) keyword VPN.com domain library establishes a horizontal address schema designed to support distributed resource frameworks including both computational and semantic grids. The library establishes a foundation for taxonomies needed to model language “handlers” that help control the flow of information and offer additional levels of risk protection, visitor intelligence and access control.