



Fast, Easy to Use VPN Security for the Palm OS

Product Overview

Mergic VPN is a software based Virtual Private Network (VPN) client for Palm OS® handhelds. Mergic VPN provides handheld users with the ability to securely connect to a private network, such as their home or corporate LAN, using their handheld's Internet access. This allows other applications that require network access, such as network HotSync®, e-mail clients and intranet browsers to connect to the computers they need to access. Mergic VPN is the first VPN client for the Palm OS platform to support the Point-to-Point Tunneling Protocol (PPTP), which is supported by more servers than any other VPN protocol.

Satisfying User Expectations & Reducing the Support Burden

Mergic VPN is a fast, easy to install, and easy to use VPN client that's tailored to the mobile professional. From a high-level, the product features associated with Mergic VPN can be summarized as:

- Easy to set-up
- Transparent usage model
- Optimized for the Palm OS and high speed wireless networks
- Support for a broad range of handhelds and connection types
- Simple to deploy
- Highly compatible with existing servers

Easy to Set-Up

Mergic VPN was designed from the ground up to meet the expectations of a mobile professional who wants a transparent VPN client that can be quickly set-up without a help desk call. When Mergic VPN is started for the first time, a two-step wizard walks the user through the connectivity set-up. The main configuration dialog (left) has just a few settings. More advanced settings appear on a details dialog, which has defaults that rarely need to be changed. The typical set-up complexity of most VPN clients is eliminated by a combination of a well-planned user interface and intelligent negotiation with the VPN server.

Mergic VPN

▼ VPN Name: Work LAN

User Name: jerryt

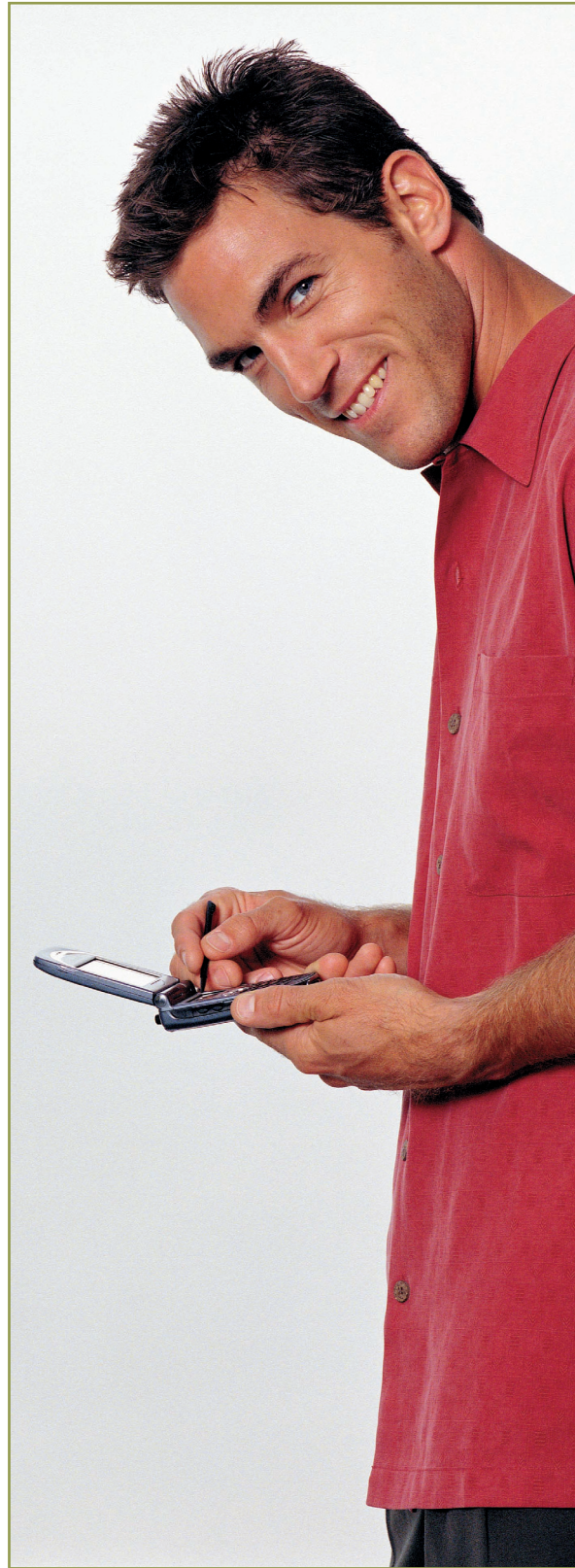
Password: [Prompt]

VPN Server Name or Address:
64.128.14.211

Details... Sign In

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Fast, Easy to Use VPN Security for the Palm OS (continued)

Transparent Usage

Once the configuration is complete, Mergic VPN can be started manually or it can work transparently through an Auto Connect feature that allows user-selected applications to automatically connect to and disconnect from the VPN server as needed without requiring the user to launch the VPN client. The design of the Auto Connect feature allows the user to concentrate on the tasks to be accomplished and ignore the connection details.



Optimized for the Palm OS & High Speed Wireless Networks

The encryption and authentication schemes used to create a secure VPN connection can be a tremendous burden for a Palm OS handheld. These devices are optimized for size, battery life, and affordability but the tradeoff is that they limited processing power.

Mergic VPN's encryption and authentication methods have been highly optimized for the Palm OS environment. The MS-CHAP based authentication schemes, and the Microsoft Point-to-Point Encryption (MPPE) and dynamic key algorithms used for data transfer have relatively low processor overhead. This is true even when 128-bit encryption is used. In addition, all of the Mergic VPN authentication and encryption schemes have been bench marked for performance and coded in low-level assembly language. This allows Mergic VPN to connect quickly and perform well over all connection types, including IEEE 802.11b (also known as Wi-Fi) wireless LANs and 3G wireless networks such as the CDMA 2000 network supported by the Kyocera 7135 smartphone.

Support for a Broad Range of Handhelds & Connection Types

Mergic VPN runs on handhelds with Palm OS 3.1 or greater and at least 150 KB of available storage. A method for establishing a TCP/IP connection is required. Supported connection types include IEEE 802.11b (also known as Wi-Fi) wireless LAN modules, wireline and wireless modems, smartphones, and handheld to mobile phone connections using Bluetooth, infrared or cable.

Simple Deployment

Mergic VPN uses the same VPN client technology that has been built into the Microsoft operating systems since Windows® 95. This built-in support means that there are less VPN clients to purchase and deploy.

Mergic VPN itself is distributed as a self-installing Microsoft Windows executable file for simple installation on Windows based PCs. The executable file is also in the Zip file format making it possible to install Mergic VPN's program files using non-Windows PCs such as Macintosh and UNIX based workstations.

Compatibility with Existing Servers

The required PPTP server support can be found on most Cisco platforms, several of the Microsoft operating systems (Windows® XP Professional, Windows® 2000 Professional, Windows® 2000 Server, Windows NT® Workstation and Server), Linux, several network routing appliances and many other operating system and firewall/VPN servers. And, because the PPTP authentication protocols are PPP based, compatibility problems with PPTP servers are very rare.

Availability

Mergic VPN is available online through Handango (www.handango.com), PalmGear (www.palmgear.com) and the Mergic Web site at www.mergic.com. A free 15-day evaluation version can be downloaded from www.mergic.com. Volume licensing for orders of 50 or more users is also available.

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