ViPNet Mobile Security Suite

Protected Unified Communications

Mobile Security Challenges

Explosive growth in remote working is creating ever increasing security challenges for organizations. The risk of data leakage on mobile platforms is now as big a problem as malware. With so many workers and executives on the move, organizations need to provide reliable and uninterrupted secure access to corporate data anytime, anywhere on a variety of devices such as smartphones, tablets, PCs and handhelds.

15% of large organizations report security incidents involving mobile devices, more than doubling last year's figure of 7 %.[1]

Traditional enterprise IT security solutions, which are mainly designed for tunneling between locations, nowhere at all provide really productive and effective secure remote access to business systems from a variety of connection choices (WLAN, LTE, 3G, etc.). They often do not allow a user-friendly implementation of cost-effective IT security solutions, especially real-time applications such as VoIP and Video. Moreover, usability and performance problems, data loss and lost productivity create user dissatisfaction.

IT departments need to enable employee mobility and seamless user experience while implementing in-house security compliances. They need to provide the appropriate balance of cost-effective, low complexity yet highly secure solutions, while at the same time, maximizing interoperability with the current network and future proofing the solution.

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ViPNet Mobile Security Suite Keeps You Safe and Sets You Free

The ViPNet Mobile Security Suite provides reliable security for enterprise communication for mobile devices in one flexible, scalable, cost-effective solution.

ViPNet Mobile Security Suite is based on the specially developed by Infotecs ViPNet technology, which uses symmetric key management. This technology is highly secure, because keys, certificates or signatures are not exchanged publicly. The end-to-end encryption ensures effective protection of the whole data traffic and provides secure communication between offices and mobile users. On their personal mobile devices, business persons can send and receive encrypted audio, text and video messages, e-mails and files while on the move[2]. ViPNet Mobile Security Suite supports network roaming and ensures fast processing speeds and a high data throughput.

There is no need for many different stand-alone solutions. The administration effort and the costs are reduced to a minimum. The solution from Infotecs is easy to deploy and maintain and seamlessly integrates into existing networks allowing clients to maximize interoperability with their current network and protect existing investments. Moreover, it ensures that traffic is encrypted even within the corporate network itself. In addition to protecting against insider threats and man-in-the-middle attacks, this makes it possible to extend the reach of the secure environment and implement secure communication with external partners.

Functionality and Components

The ViPNet Mobile Security Suite is comprised of components for endpoints, security gateways as well as management and monitoring systems. These components can be combined individually depending on the enterprise's respective IT security requirements. In case you already use a ViPNet VPN IT security solution, first of all, we recommend to extend it with native mobile apps ViPNet Client for Android and ViPNet Connect.

ViPNet Client for Android ensures highest security in mobile communication, which is not disturbing for the end-user and operates automatically in the background. For each data exchange, the mobile app checks whether this connection is with another VPN user, and whether the respective key for this communication is available. If both are true, the data traffic is encrypted (crypto filtering). In this way, you can protect such applications as email, remote desktop, ERP or CRM. ViPNet Connect offers various options for encrypted communication with other VPN users, like chat, IP telephony, video, conferencing and file exchange[2].

Benefits

Enterprise Grade Security for Mobile

ViPNet Mobile Security Suite delivers robust, enterprise grade security to protect sensitive corporate data against internal and external cyber-attacks. FIPS 140-2 certified, rock-solid encryption secures the endpoint, encrypts the channel and prevents unauthorized access. It even protects you from anyone within the LAN: MITM attacks, insider threats.

True Mobility and Portability

The ViPNet unique architecture beats competitive solutions by ensuring continuous reliable connectivity while transparently encrypting data traffic to support various real-time applications such as VoIP, video, chat, file exchange, voice & video conferencing[2].

Easy to Use and Quick to Deploy

Simple, appealing interfaces with familiar layouts ensure high levels of user satisfaction making secure environments easy to adopt and maintain. The solution seamlessly integrates into existing networks to maximize interoperability and speed deployment. In case of a disconnection, the information does not get lost at reconnection. Mobile users work more effectively, are satisfied and adopt to the new environment.

Benefits

Suitable for BYOD

ViPNet Mobile Security Suite ensures corporate data is protected while supporting BYOD policies by separating personal and business traffic.

One Solution for All Your Secure Mobile Communication

You will no longer need different apps for telephony, messaging, video and audio conferencing[2] and can simplify administration and maintenance as well as reduce costs and complexity.

Supports Top Security Environments

In cooperation with renowned producers, Infotecs offers proven secure mobile devices for organizations with highest security requirements. The advanced security features of the crypto driver prevent highly sophisticated cyber-attacks on the mobile devices' cameras or microphones. Access to public app stores can be blocked. All traffic is encrypted and directed through an in-house protected server to be filtered and scanned for viruses.

Monitoring, Detection and Prevention

To prevent attacks, ViPNet Mobile Security Suite enables organizations to quickly react to critical changes by continuous monitoring and notification of changes, events and ongoing system status.

[1] Information Security Breaches Survey 2015, PwC
[2] Date exchange as well as video- and audio conferencing will be shortly available.

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