



Solution Highlights

MIND-iPhonEX[®]
Billing & Customer Care

Tunneled VPN - Cisco VPDN

- Additional enterprise market opportunities
- Secure and cost-effective
- Flexible usage-based rating

VPN services opening new business opportunities

In the very competitive market of communication services, providers must introduce new innovative services to ensure customer retention and to expand into new and diverse revenue-generating markets.

A Virtual Private Network (VPN) solution is a "must have" value-added service for providers targeting any size enterprise that is looking for secure network accessibility with a high level of quality and operational cost efficiency.

The most cost-effective remote connection

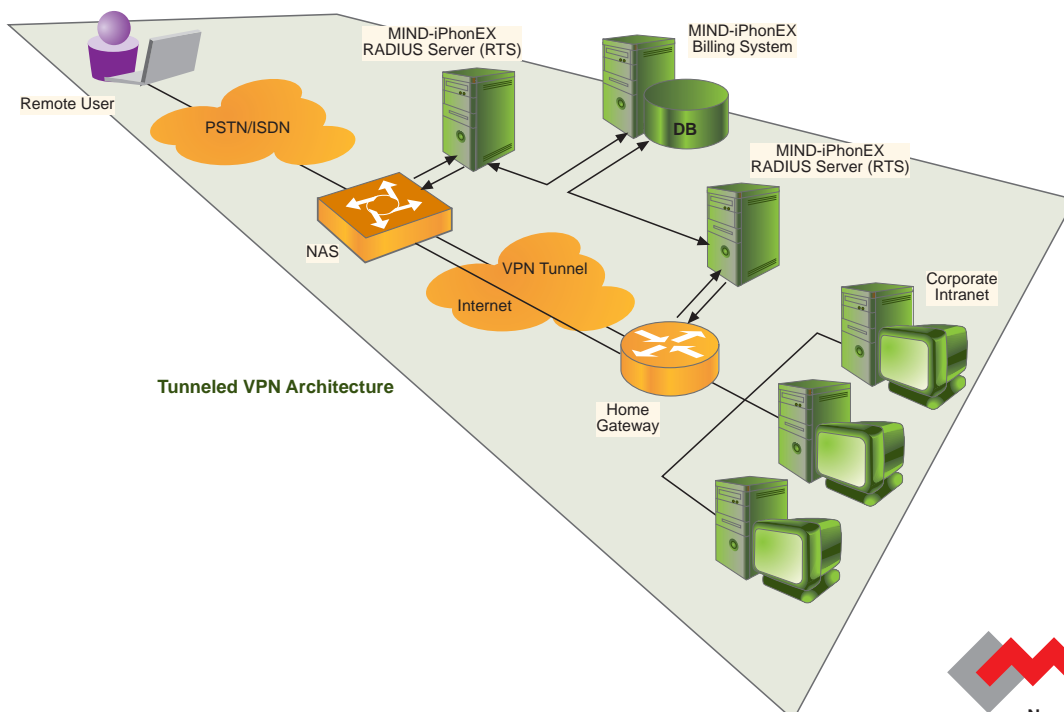
A VPN carries private data over a public network. It extends remote access to users over a shared infrastructure while

maintaining the same security and management policies as a private network.

It is the most cost-effective method of establishing a point-to-point connection between remote users and the enterprise network.

Virtual Private Dialup Network (VPDN) from Cisco or Tunneled VPN are actual implementations of VPNs that allow a remote dialup user to access the company's intranet through a secured path, called a tunnel.

A remote user dials into the local ISP's POP and connects to the Network Access Server (NAS). The local RADIUS server, implemented within the MIND-iPhonEX Real Time Server (RTS), authenticates the user and verifies that he has a VPN access from the NAS. If the user is validated successfully, the NAS establishes a tunnel between itself and the user's home gateway, based on parameters supplied by the RTS via the RADIUS protocol.



MIND-iPhonEX rates and bills any VPN session according to flexible usage parameters.

Enterprise customers create new challenges and new sources of revenue

Enterprise customers are an important business opportunity for service providers - creating new challenges and new sources of revenue. The enterprise customer requires specifically tailored services. MIND-iPhonEX gives the high level of network communication security and quality demanded by any enterprise.

A VPN is an essential service that gives an employee or a business traveler secure access to the corporate intranet from home or from a remote location and ensures the QoS required according to the Service Level Agreement (SLA).

MIND-iPhonEX's flexible billing and rating support all organizational hierarchies, whether simple or complex, meeting the demands of any enterprise customer.

Flexible usage-based rating supporting diverse rating models

MIND-iPhonEX supports different, flexible usage-based rating models for VPN services.

Each end-user can be charged per dialup session according to various parameters such as the duration of the connection, the amount of data transferred upstream and downstream, the location of the connection, requested vs. accepted QoS, and other parameters for maximizing revenue.

Another rating model with the same range of charging parameters can be based on the total usage of the end-user or aggregated for the whole company over a period of

time - a month, a week etc.

In addition, the MIND-iPhonEX powerful real-time mediation and rating enable providers to offer prepaid services that reduce risks and prevent fraud.

Effective control and management for efficient allocation of network resources

For the efficient allocation of network resources, MIND-iPhonEX offers providers the ability to control and monitor VPN access. With MIND-iPhonEX, individual or enterprise user-access can be limited by the number of concurrent sessions, the type of access media allowed - restricting the allocated bandwidth, as well as the QoS assigned per session. In addition, a VPN user may be restricted to accessing the service from pre-defined locations.

With MIND-iPhonEX, essential customer usage profiles are available in real time, in both graphical and text-based formats. This allows the provider to analyze the usage patterns of a service by different criteria, such as: type of service, specific customer and/or different time intervals. These various reports and analyses provide vital information for the implementation of effective business and marketing strategies.

Enterprise customers look for a service provider that can support their specific, advanced communication needs. The key to success in the enterprise market is to offer a VPN service bundled with other enterprise-specific services. The MIND-iPhonEX billing and customer care system supports real-time mediation, provisioning, rating and billing for services such as leased-lines, international roaming, VoIP VPN and unified messaging.

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