

EasyVPN – Voice Virtual Private Network

Net-centric VPN for the enterprise market

EasyVPN enables operators and service providers to easily offer an advanced telephony solution for business customers. EasyVPN is a convergent network service supporting multiple underlying network technologies, e.g. allowing TDM and VoIP interworking and hybrid VPNs. A set of user-friendly tools and typical scenarios addressing call flows, provisioning and charging aspects are available for solution design and service deployment. EasyVPN implements the corporate telephony plan with special charging and number plans for all types of traffic. EasyVPN supports multilevel customizable configuration of corporate structure and user data. EasyVPN handles private numbering plans for voice and SMS/MMS, various VPN call types, screening/barring schemes based on different criteria, any-to-any calls, calling lists, corporate and user defined rules, call forwarding, call-back, call transfer to VPN or switchboard and calling line presentation.



Core VPN functionality

EasyVPN enhances traditional VPN functionality on outbound traffic processing with inbound traffic processing allowing the VPN members to control their availability. Different functions are based on modules that are thoroughly tested and documented, representing years of accumulated experience and domain knowledge.

EasyVPN handles a wide range of functions for automatic management of incoming calls, such as call pattern and user profiles. Examples of such profiles are:

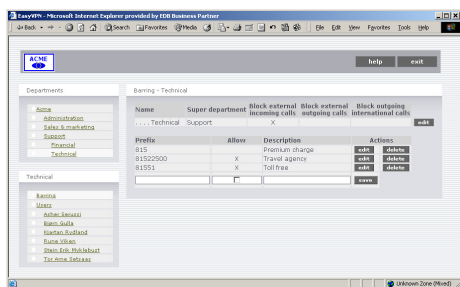
- do not disturb
- conditional and unconditional call forwarding to personal numbers, secretary or switchboard, hunting group,
- day/time routing and screening
- call back and call transfer are also supported

In addition to a private number plan for VPN calls, functions can be added for barring plans, closed user groups and cost control facilities (based on zone, private usage, destination, time and amounts).

BSS/OSS integration

EasyVPN allows easy integration with back office systems using web service technology.

The enterprise VPN manager can easily administer the users and their default setup, e.g. barring properties from the self-service web UI.



VPN profile

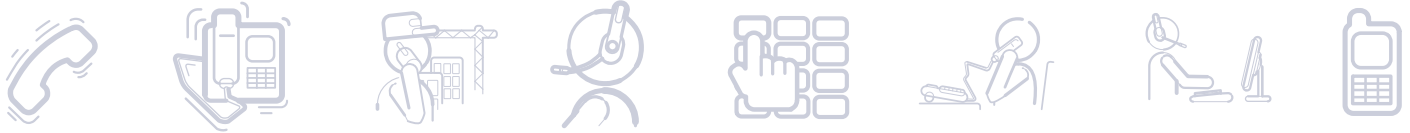
Active VPN Profile: Secretary if no reply

Number to secretary	Ringintime (s)	If busy
99286500	30	Voicemail <input type="button" value="edit"/>

Change VPN profile: Secretary if no reply

- Voicemail if no reply
- Voicemail directly
- Forward call if no reply
- Forward call directly
- Secretary if no reply
- Secretary directly
- Hunt group

Users can set and change their own profile with a client typically embedded in the company's website.



Monitoring and statistics

EasyVPN provides detailed statistics regarding calls from both within the VPN and external calls. EasyVPN offers web access to online updated statistics in various levels for administrators, subscribers and end users.

Convergent network service

EasyVPN may run as a convergent service, e.g. exploit multiple underlying technologies, such as packet networks, circuit-switched networks and wireless networks. The EasyVPN supports all valid number formats and is agnostic to the originating and destination network. Network specific capabilities can be used to route call between the different networks, e.g. user status and user location.

Benefits of Gintel EasyVPN

For network operators and service providers

- Reduced churn by increasing customer loyalty
- Revenues based on traffic termination
- Increased traffic due to fewer missed call attempts
- Increasing customer value by comprehensive tailoring, while still allowing easy and efficient roll-out

- targeted to different market segments, e.g. enterprises, SMEs, SOHOs, families, etc.
- supports service evolution by adaptable call patterns
- Highly scalable configuration
- Standard interfaces for integration with operator's billing and (also bulk) provisioning systems

For customers

- Supports distributed and mobile workforce
- Self service via web and phone
- Cost control
- Usage statistics
- Configurable availability
- Reduced number of missed calls
- Convenience functions
- Convergent telephony solutions covering fixed, mobile and IP phones transparently
- Professional 24x7 surveillance and support provided by network operator/service provider

About Gintel

Our flagship applications, EasyVCC, EasyVPaBX and EasyVPN enable network operators and service providers to design and deploy high-value, advanced telecommunications solutions to their customers. Based on a common application framework for net-centric services, these enable mass customization on-the-fly – improving time to market and competitiveness.

Gintel's team has over 15 years experience in delivering carrier grade service applications.

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