



The Technology of VoIP™

The ENTICE VOIP Gateway Solution

Introduction

Emergent's carrier grade VOIP gateway is perfect for wholesale carriers and for carriers who wish to build infrastructure that is ready for the latest enhanced service offering. The VOIP gateway product is a snap to configure using the built-in WEB UI. It can terminate and originate traffic in any network and is one of the few gateways that can offer SS7 to IP capabilities integrated on the same chassis. This solution is competitively priced and is targeted for carriers interested in gateways that can process traffic ranging from 192 ports to over 14,000 ports.

The ENTICE VOIP Gateway Solution

The ENTICE VOIP Gateway Solution (EVGS) is built by combining the power of ENTICE with the programmable hardware from Excel Switching. The solution is at home in any network whether the network is controlled by SS7, ISDN, CAS, H.323 or SIP. The EVGS works with Emergent's Softswitch solution and it works with many other vendors SIP or H.323 compatible softswitches, gatekeepers or SIP proxies. The gateway is great for building your network infrastructure and because of the EVGS's unique architecture, once it is built, you can add applications such as RADIUS based prepaid/ postpaid, voicemail or unified

messaging without the need for adding media servers (the media server capability is built-in!). If you are looking for a custom solution, these can easily be created via the built in APIs to fulfill the exact requirements for your network.

The EVGS has a wide range of routing features which allow carriers to optimize their route plans for the needs of their customers. Whether the customers are demanding the least cost route, the best quality or something in between, the EVGS's routing capabilities are flexible enough to allow them to choose. Routing features include, least cost, time of day and percentage routing features. Customized routing features can be added via the APIs built into all ENTICE solutions or through available source code.

Integrated Session Controller

In addition to originating and terminating minutes between TDM and IP networks, many carriers need to process purely IP traffic. By its very nature, IP traffic is volatile and can easily be moved to a different carrier who has better rates or better terms. To minimize carrier churn and to protect revenues, an integrated session controller can be enabled on the ENTICE VOIP Gateway for purposes of topology hiding and to offload IP to IP traffic from expensive hardware ports enhancing the traffic processing capabilities of the gateway.

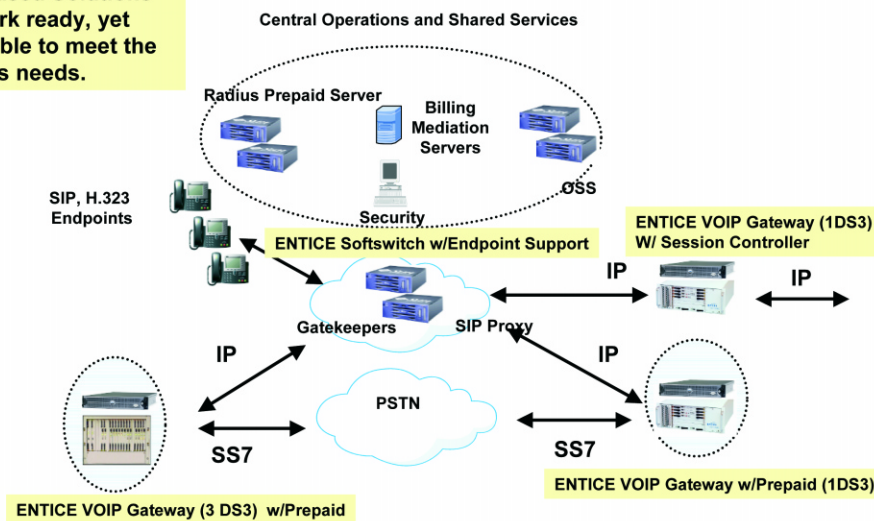
In addition the session controller has the ability to perform the following functions in a network.

- ▶ H.323 Gatekeeper
- ▶ H.323 Back to Back Gateway Services
- ▶ SIP Proxy Server
- ▶ SIP Redirect Server
- ▶ SIP Back to Back User Agent Services
- ▶ H.323/SIP Protocol Conversion and Interworking
- ▶ Media Redirection
- ▶ Media Grooming
- ▶ Media Monitoring
- ▶ Codec Conversion
- ▶ Security

By combining these abilities into the VOIP GW solution, the need to purchase the expensive session controller solutions from the competition can be eliminated.

ENTICE VOIP Gateway Solution

ENTICE Based Solutions
Are network ready, yet customizable to meet the customer's needs.



Conclusion

The EVGS is a competitively priced gateway solution that is targeted at carriers that are looking for a gateway solution that's easy to use, is scalable, provides carrier class features and reliability and which provides the basis for delivering enhanced services now or in the future.

About Emergent Network Solutions

Based in the Dallas, Texas area, Emergent Network Solutions, Inc. (ENS) is a leading provider of advanced telecommunications software and services that enable carriers and service providers to integrate current and future network technologies. We assist our customers in reaching their business objectives by providing real, deliverable telecommunications software solutions and specialized consulting services for all facets of network design, analysis and management.

To learn more about ENS, our products and our services, please visit www.emergent-netsolutions.com, or contact us today.



1024 S. Greenville Ave., Suite 201
Allen, Texas 75002

Toll Free (888) 879-3674
(972) 359-6600
Fax (972) 396-9276