



*The Technology of VoIP™*

Introducing ENTICE:  
Emergent Network  
Telecommunications  
Infrastructure Control  
Environment



Emergent Network  
Telecommunications  
Infrastructure Control  
Environment

## Build or Grow your VoIP Network with ENTICE

Emergent's ENTICE (*Emergent Networks Telecommunications Infrastructure Control Environment*) technology forms the basis for all our solutions. ENTICE is modular, vendor- and technology-agnostic and can be used to build a wide variety of next-gen solutions.

Emergent has a perfect solution for delivering these services to your customers today. We pioneered the concept of combining softswitches and session controllers into a single solution which allows calls to move seamlessly through NATs, firewalls, the internet and the PSTN. Our softswitch/session controller solution is vendor agnostic and has been tested with many of the primary IP CPE vendors such as: Cisco, Grandstream, Azatel, Sipura, SNOM, and Audiocodes. By adding the optional ELICIT package, basic call services can be enhanced to include IP centrex capabilities such as call forwarding, call waiting, call transfer and 3 way calling. Lastly, Emergent can supply other revenue enhancing services such as prepaid, postpaid, voicemail, unified messaging and conferencing.

## ENTICE Solutions Work...

...with existing IP or TDM networks as well as new green field networks as an infrastructure component providing tandem or international gateway services integrated into an existing (IP or TDM) network to provide protocol conversion services (H.323/SIP, SS7/ISDN, SS7/IP etc.), offload services, prepaid, or any number of customized services integrated to provide signaling gateway services using SS7/SIGTRAN with Cisco, Excel, Audiocodes, and Lucent compatible equipment with Linux or Solaris by utilizing clustering technologies to provide redundant solutions which can scale to more than 100K ports.

## Get Flexible

It's over. Say goodbye to being held captive to the schedules of outside developers and vendors. ENTICE allows you to quickly integrate or deploy new technologies without relying on the constraints of others. Implement technology upgrades now, today, with little or no system downtime.

Razor-thin operating margins? We can help. ENTICE is designed in modules that support both off-the-shelf and custom applications. Open Application Programming Interfaces (APIs), dynamically loadable software and available source code mean that ENTICE can be easily modified to achieve your objectives, on your budget. ENTICE can keep networks on the cutting edge of innovation while helping to provide stability, control and cost-efficiency.

## Solve It with ENTICE Open Solutions

Because all solutions are based on ENTICE, you can choose to customize them based on your needs, or rely on us to create a custom solution for you. ENTICE Open Solutions are "network ready" out of the box to meet today's needs, and offer unparalleled flexibility to adapt as opportunities arise.

### **ENTICE Softswitch Solution**

Designed for the emerging network, the ENTICE Softswitch Solution provides carrier-grade call control, translations, routing and element provisioning for a network H.323, SIP or H.248 based network elements. The optional SS7 controller provides access to signaling networks worldwide. And the solution is scalable to control a network of more than 100,000 ports.



# ENTICE Network Architecture

## ENTICE Session Controller

When signaling control is not enough, the ENTICE Session Controller allows full access to all communication flows (signaling, media, media control) required to establish a media session in a packet network. This solution is designed to bridge the gap between two networks with protocol translation between H.323 and SIP, media access and control to solve security, quality and vendor compatibility issues, and it also provides call detail records for billing.

## ENTICE Tandem Switch/International Gateway

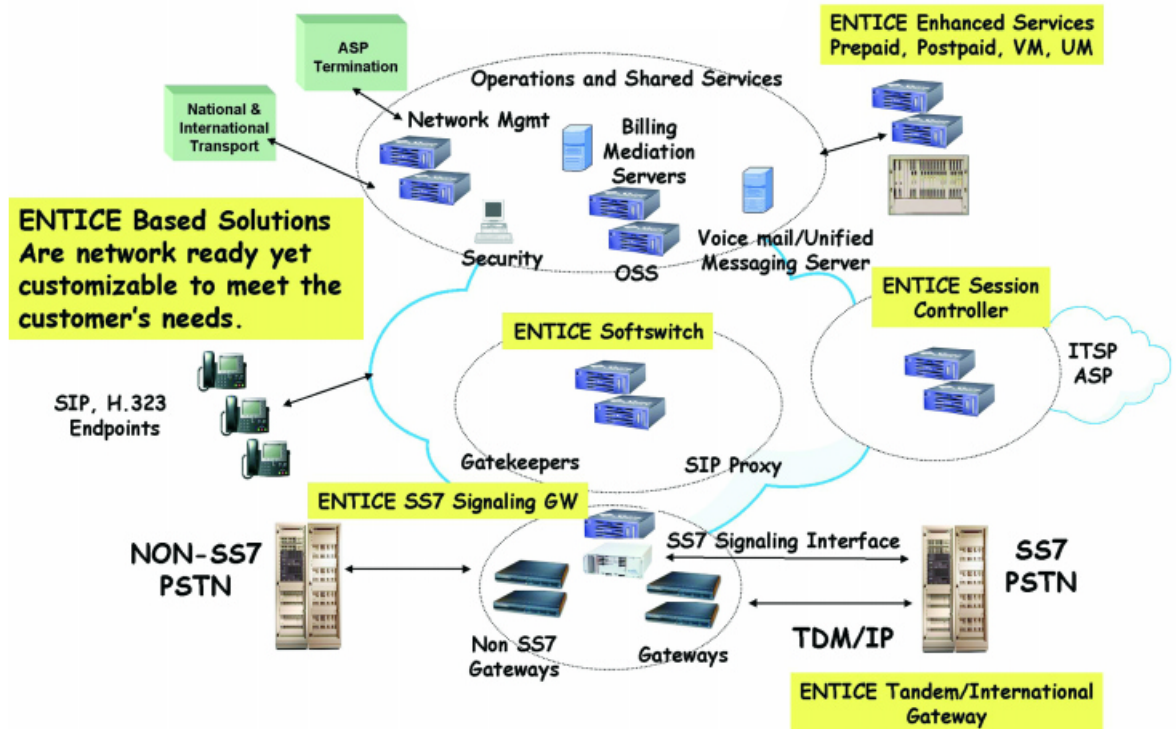
By combining the abilities of the ENTICE Open Solutions platform for routing, screening and translations with open, programmable hardware from Excel Switching, Emergent offers a solution which can provide converged switching capabilities (IP or TDM in any combination) in the networks of most countries. This solution is perfect for wholesale carriers who must offer competitive services at reasonable prices in an evolving network.

## ENTICE Enhanced Services Platform

To deliver enhanced services in a converged network, the solution must be able to interoperate with disparate networks, and must be fully featured, reliable and scalable. Emergent offers prepaid, postpaid, voicemail and unified messaging services for all networks. Custom call center and other custom solutions are also available with this platform.

## ENTICE Residential/Enterprise VoIP Solution

Voice over IP is here to stay. With services like Vonage, Primus and AT&T's Callvantage, more and more carriers have decided to take advantage of VOIP technology to deliver new and exciting services to their subscribers. These services can be used to increase the revenues for ISPs or improve the margins for wholesale carriers.



## 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](http://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



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

Toll Free: 1.888.879.3674  
Phone: 972.359.6600  
Web: [www.emergent-netsolutions.com](http://www.emergent-netsolutions.com)  
Email: [sales@emergent-netsolutions.com](mailto:sales@emergent-netsolutions.com)