

**BUILDING SECURITY AND  
PROFITABILITY WITH  
EMERGENCY STAND ALONE**

# ESAServ™

## Emergency Stand Alone Call Server

- ***Emergency Services Dialing***
- ***E911 Call Routing***
- ***Local POTS dialing***
- ***Supports circuit or packet switched calling***
- ***Optional E911 via cell network***
- ***Qualifies remote terminal as switch for NECA settlements***
- ***Extreme reliability – redundant design and hardened for outdoor environment***
- ***Low cost***



### **Upgrade Your Network for Reliability...**

Nexus ESAServ™ is an Emergency Stand Alone Call Server which converts any remote terminal into a Remote Switch Unit when its trunks are cut. With an ESA-enabled remote terminal, a loss of connectivity to the local digital switch does not prevent access to E911 or local calling between POTS customers. **Even without a local E911 link, with local cell coverage and Nexus AirE911™, subscribers will maintain critical E911 access in an emergency.**

### **...While Adding Income to the Bottom Line.**

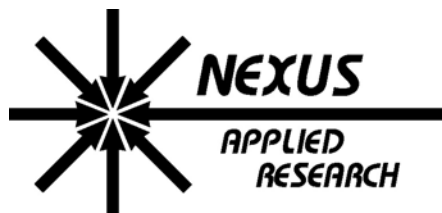
Not only does this product provide security to your customers, it can provide income to the bottom line via NECA settlements by virtue of moving switching deeper into your network!

# Nexus ESAServ™ Specification

Features	
T1/E1 Linkss	8 Trunks
Ethernet Linkss	10/100/1000TX
Management Interface	10/100 Base-T/RS-232
Subscriber Capacity	1000 Subscribers
Call Capacity	30,000 BHCA
E911 Call Routing	Up to 8 E911 Designees Call-All Ringing Distinctive Ringing Caller-ID provided even when blocked
Switch Protocols	GR-303/TR-08/V5.2 H.248/Megaco MGCP SIP
Announcements	Up to five 30 second announcements Broadcast capability
Management	Web GUI SNMP Telnet CLI

Mechanical/Environmental	
Dimensions	1.75H x 17.25W x 12D (inch): 50H x 442W x 305D (mm) 1RU x 19 inch rack mount
Ambient Operating Temperature	-40F to 149F (-40C to 65C)
Operating Humidity	90% RH non-condensing maximum
Compliance	NEBS3/FCC Part 15

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