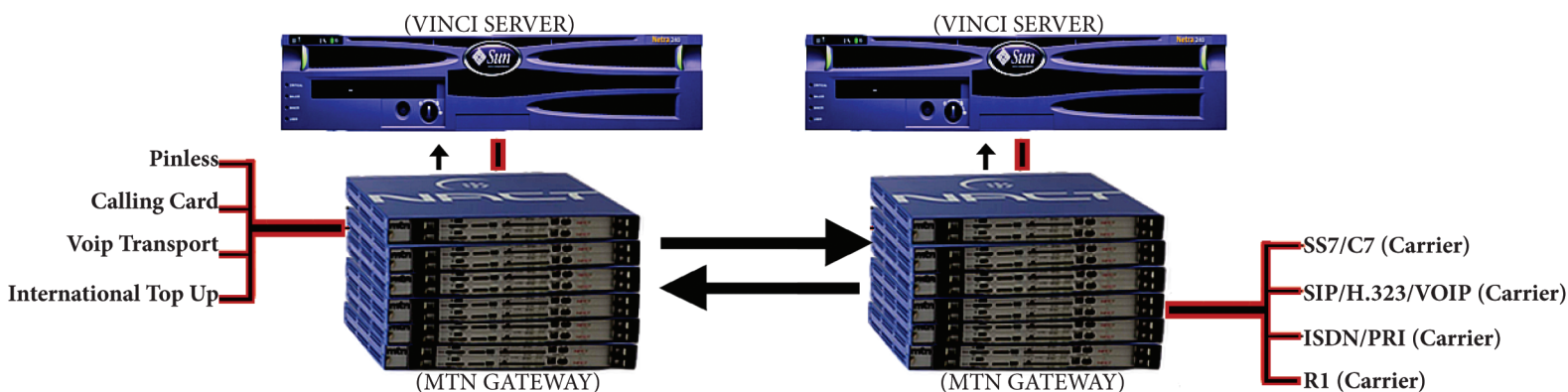# The Vinci Switching System

Running 12 billion minutes of traffic in over 26 countries, we are an industry standard

Overview

NACT provides scalable and reliable switching equipment. As a carrier or service provider, your telecommunications network must be operational 24 hours a day, 7 days a week without interruption. The Vinci system has no single point of failure. The switch has two primary elements; the Vinci Server & MTN Gateway. The Vinci Server is a Sun-Microsystem Server with a Unix operating system. NACT then installs its proprietary, best in industry, prepaid software on the server. The server controls and manages signaling stacks, call control, routing control, and application delivery. The MTN Gateway is a 1U high Chasis with 2 proprietary media boards within. The Gateway has redundant power supplies, and SS7/C7 link redundancy. All MTN gateways are sold in an N+1 configuration. The Media Boards are capable of handling almost every protocol including the following: SS7, ISDN, H.323, and SIP. On the codec level the switch can transcode with ease. Some common codecs that The Vinci handles are: G.711, G.723.1, G.726, and G.729

Applications

- Pre/Post paid Residential
- Prepaid Calling Cards
- Prepaid Wireless
- Carrier to Carrier Resale
- Long Distance Wholesale/Resale
- VoIP Transport
- Call Re-origination
- Toll-free Number Translation & Forwarding
- Calling Shops and Payphones
- Top-Up Service
- International Texting
- Pin-less

Features

- Real-time Rating Engine
- Additive Rating and Surcharges
- Pre and Postpaid Pooled Rating
- One Time and Recurring Service Fees
- 260+ Message IVR in 30+ Languages
- Worldwide Currency Support
- Extensive Fraud Control Features
- Time of Day Routing and Blocking
- Country Specific Dialing Plans, 50+
- Department/Security Codes
- ANI/CLI validation and Control
- Signaling Translation (TDM to IP)
- Capable of Routing Through Redirect Server
- Prepaid API and CDR Push
- IVR (Multi-level)

Additional feature and application list available upon request.
Custom application and feature design service.

About NACT

NACT is the world's leading provider of prepaid application solutions, having sold and installed more than 650 switching platforms – in 26 countries – that control more than 12 billion minutes of traffic annually. NACT's solutions represent the industry standard for highly reliable and cost effective Class 4/5 hardware and software solutions. NACT's Vinci, and Vinci Softswitch Solutions insure that service providers can deliver the latest in VoIP and Next Generation network services, while maximizing profits using real-time billing, routing and rating.

TO LEARN MORE ABOUT NACT, PLEASE VISIT US AT WWW.NACT.COM