



About Company

vSwitch is a product of DTMF Networks SDN BHD which is an MSC Status company (a prestigious status for telecom companies, www.mdec.my) in Malaysia offering next-generation telecom solutions & services to hundreds of carriers around the globe.

DTMF Networks is part of a large & financially strong group of companies having operations in UAE, Hong Kong, Singapore, Malaysia, and Pakistan with ambitions to go to spread to other regions too.

The company employs industry best practices and tools to offer customized, yet scalable & cost effective solutions for voice connectivity businesses. It has dedicated high skilled team of professionals with expertise in various cutting edge tools and technologies.

vSwitch hosted / partitioned voice switching service works on Genband's S3 (previously known as NexTone/NextPoint MSX/SBC/RSM) for VoIP interconnection of gateways. Genband is a top-of-the-line provider of next generation IP gateway solutions, session border controllers and fixed mobile convergence security solutions which are deployed in over half of the world's 100 largest service providers. vSwitch provides enhanced support and services for its customers through dedicated engineering team available round the clock. vSwitch offers flexible packages with different minimum usage levels and instantaneous scalability in capacity.

Customers have complete access to the switch having control of comprehensive reporting module (RSM), the ability to create end-points / carriers, customers, route plans etc. The system is hosted in a state-of-the-art facility in Boston, USA having redundant power supply and connectivity with multiple Tier-1 carriers. The system components, power supply and backend connectivity is configured in fail-safe mode to ensure highest availability possible.

Intelligent Session Routing

vSwitch platform offers robust and highly programmable route selection that is capable of performing complex routing routines involving thousands of destinations, carriers and numerous route health statistics. The system performs dynamic route hunting for selecting best available route to ensure that calls connect with high ASR. The elaborate console of the system allows customers the flexibility to define routes based on myriad set of business rules thus ensuring that the system TRULY reflects and resolves the complexities of the carrier business world on the fly and with least amount of human intervention.

Broadest Interoperability

vSwitch uses Genband platform which is a market leader and has proven to work with numerous switches and gateways worldwide including Cisco, Huawei, Genband G series, Sonus, Quintum, Vocaltec, etc. Customers can therefore save a lot of operational hassle and time to increase traffic on the system without worrying about interconnecting system capabilities.

Features:

- ▶ CLASS-4 Core Call-Control Partitioning
- ▶ Interoperability with wide range of gateways
- ▶ H323 to SIP conversion
- ▶ Intelligent routing based on ASR, ACD, Jitter, Delay, Packet Loss and R-Factor, LCR, LLCR etc.
- ▶ Advanced Analytics including Business Analysis, Events and Statistics, Network Efficiency etc.
- ▶ High availability of system through redundant system resources and backend connectivity
- ▶ Access to highly experienced technical & support personnel
- ▶ RTP Proxy support
- ▶ CDR transfer to any 3rd party system for billing
- ▶ Option of integrating with vBoss Comprehensive reporting on route quality, traffic trends and other business and technical metrics
- ▶ Trunking Applications
- ▶ Consumer Applications Edge Session
- ▶ Flexible dial plan management
- ▶ Traffic profiling, re-routing options
- ▶ Alarming, element management-based provisioning

vSwitch Applications

Policy Management & Enforcement

The system has an elaborate panel to define and set policies based on the business requirement. Such capability allows the customer to engineer and monitor traffic performance to the minutest detail and enhance productivity out of it.

Carrier-class Performance & Reliability

There are more than half of the world's leading operators that have deployed Genband platform used by vSwitch and enjoy industry best performance and reliability. The architecture is unique such that it allows the division of signaling and media interfaces to optimally utilize system resources while ensuring secure access to prevent from fraudulent access of the system.

The elaborate carrier dashboard and policy portal allows quick access to the important system functionalities and control of the system. The system comes with an elaborate role-based access system with easy account creation and identification of views available for different roles. The inbuilt reporting system gives an insight to each and every aspect of the routing functionalities, trends, statistics and alarms which is crucial for carrier services.

Advanced Routing

vSwitch includes the most comprehensive suite of intelligent call routing features including dynamic route hunting, adaptive routing, and least cost routing. This enables partitioned users to dynamically route traffic to interconnecting carriers on the basis of various parameters including call completion rates, route profit, and route availability. Such level of intelligence in routing minimizes complexities involved in configuring and managing routes, and allows for policy enforcement and advanced traffic-engineering at the session layer to ensure high service levels. vSwitch platform manages and monitors VoIP traffic and maximizes utilization of high-value components of the network including application servers and media gateways.

Next Generation Technology Based Routing Engine

vSwitch has a routing engine that provides high capacity session routing enabling the partitioned users to deliver interactive multimedia services across next-generation networks. The routing engine comes with user friendly interface to define rules of the game embedded in routing policies. Its comprehensive feature set based on NGN technology allows the partitioned users to manage the functioning of their routes to optimize call quality and profitability with ease. With the combination of Session Border & Gateway Controllers, vSwitch is able to deliver higher traffic volumes, with higher call profitability and superior management control.

Highlights

- ▶ Industry Lowest Rates
- ▶ 100 % Reliable Services
- ▶ 24/7 Support Online Chat
- ▶ Leading NGN Equipment
- ▶ Free Demo
- ▶ Unlimited Carrier Routing
- ▶ No strings attached
- ▶ No Additional Charges
- ▶ No Security Deposit
- ▶ higher traffic volumes, with higher call
- ▶ profitability and superior management control.



About Management

The company employs industry best practices and tools to offer customized, yet scalable & cost effective solutions. It has dedicated highly skilled team of professionals with expertise in various cutting-edge tools and technologies. The management comprises of experienced specialists from the telecom, technology and financial sectors and have contributed by working in global giants such as Sprint Nextel (USA), AT&T (USA), Orascom Telecom (Egypt) and Texas Instruments (USA).

DTMF NETWORKS

SDN BHD

DTMF Networks SDN BHD
B3-01B, SME Technopreneur ,
2270 Jalan Usahawan 2,
63000 Cyberjaya,
Selangor DE, Malaysia
info@dtmfnetworks.com
www.dtmfnetworks.com

www.vswitch.cc