

A SMARTER IT INFRASTRUCTURE
SITE2SITE SOLUTIONS



»»» Managed SD-WAN Services



ZEROOUTAGES ENSURES FAST, SECURE AND RELIABLE VPN CONNECTIVITY WITH THE ABILITY TO GUARANTEE BANDWIDTH FOR CITRIX, EXCHANGE, VOIP SYSTEMS, AND ONLINE DATA STORAGE BY LEVERAGING EXISTING INFRASTRUCTURE.

ZeroOutages Data Center Solutions

The following is basic review of the components of a typical ZeroOutages deployment and how they various pieces fit the model.

Data Center Components:

1. Highly secure and reliable data hosting facility
2. Redundant power, air conditioning, and Internet access
3. Server and data storage hardware infrastructure
4. Support staff to assist with managing hardware
5. Typically no hardware to purchase, monthly service model

ZeroOutages Components:

- Establishment of an inexpensive private cloud over the Internet vs dedicated line
- Acceleration of hosted applications along with built-in localized caching
- Added security via packet-level encryption to prevent line tapping
- Enhanced routing functionality for both hosted and non-hosted Internet services
- Automated failover between available ISP connections with email alerting
- Monthly service model, fully managed equipment, no hardware to purchase

Customer Components:

- Onsite end-user infrastructure, building, office, etc.
- End-user computing devices, including PC's, MAC's, and mobile WIFI devices
- One or more inexpensive broadband connections to the Internet via one or more providers

DELIVERING FAST AND RELIABLE SITE-TO-SITE CONNECTIVITY

ZeroOutages provides the fastest, most secure, and most reliable VPN connectivity on the market today. The VPN solution includes unique features like dynamic bandwidth management to guarantee bandwidth for critical applications like VoIP, SMB, and Citrix.



While there are many ways to connect remote offices together, only the managed VPN services of ZeroOutages provide this level of security, redundancy as well as bandwidth guarantees to ensure fast and reliable private networking.

The technological advantages of the ZeroOutages solution include VPN bonding, optimizing critical applications, and automating VPN failover. Additionally, the level of security incorporated by the ZeroOutages managed VPN is superior to any IPSec-based firewall appliance. Further, unique to our service, none of your data is ever sent through some offsite cloud data center.

Highly Secure, Fast, and Reliable Connectivity to Remote Offices or your Data Center

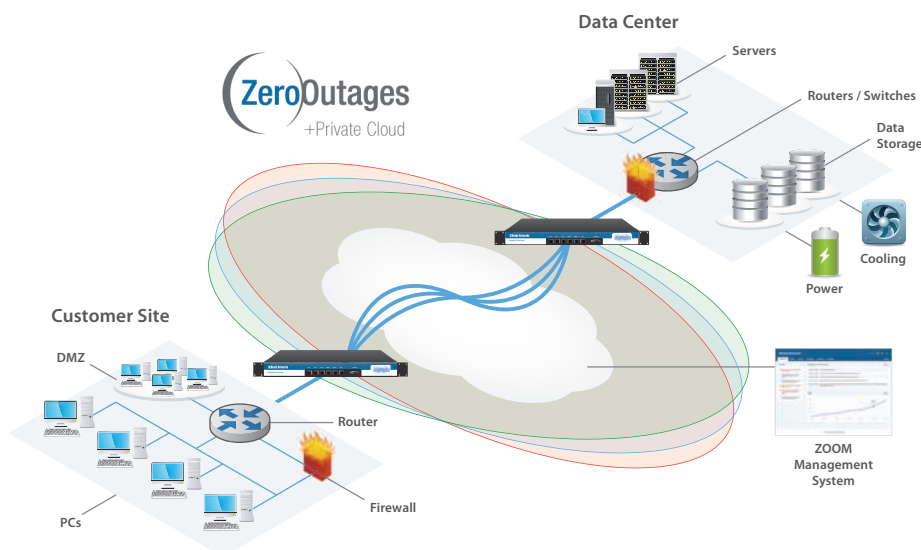
- Accelerate hosted application speed via customer side caching, traffic shaping and TCP optimization
- Enable the utilization of multiple ISP connections for VPN bonding to scale the available bandwidth
- Implement higher security between the customers' location and the data center with layered encryption
- Guarantee bandwidth for VoIP, Citrix, and other business critical applications
- Manage your WAN connectivity via a simple cloud-based graphical interface

The ZeroOutages' solution makes for a perfect Internet VPN bonding/balancing device for customers that are simply looking to improve their site-to-site connectivity and reliability

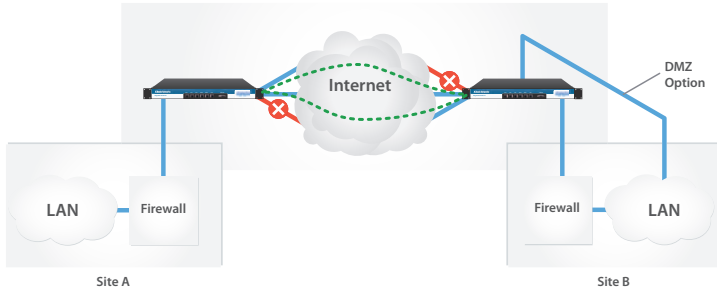
and want to optimize and accelerate access to hosted applications like NetSuite, Azure, or the Amazon Cloud.

The ZeroOutages' onsite device provides VPN link bonding between sites while also enabling customers to request specific routing policies, i.e. email out WAN1 and ssl out WAN2, etc.

Further the ZeroOutages' solution includes automated link failover capabilities and ActiveDNS functionality in order to control inbound and outbound sessions across two or more Internet connections.

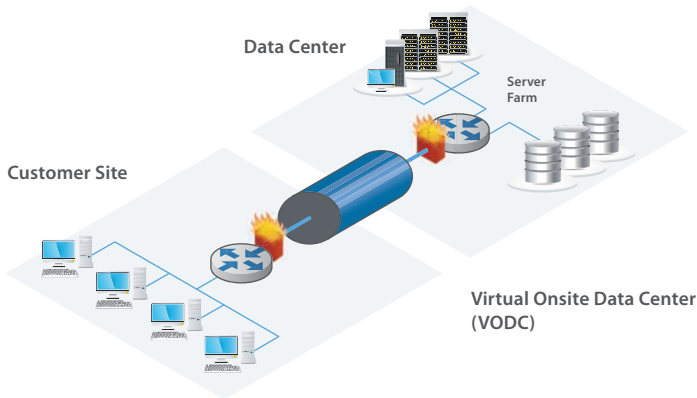


ZEROOUTAGES SOLUTIONS WORK THROUGH A COMBINATION OF VPN ELEMENTS THAT COMBINE TO DELIVER UNSURPASSED CONNECTIVITY FOR OPTIMIZING HOSTED APPLICATIONS WITH NEXT GENERATION SECURITY.



MULTI-OFFICE VPN SOLUTIONS VIA SITE2SITE

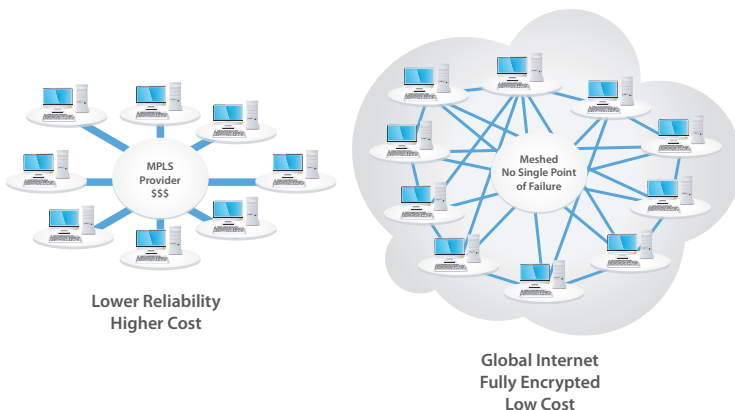
Provide your customers with an inexpensive VPN offering that incorporates next generation AES data encryption, can accelerate file downloads between sites, includes automated site-to-site failover, and is easily scalable across multiple ISP connections. Best of all, there is no equipment to purchase. ZeroOutages manages everything from installation to maintenance and enables a layered approach, so the customers keeps all of their existing firewall and security infrastructure in place.



DATACENTER PROVIDER SOLUTIONS

In the past, the easiest method for accelerating a customers hosted services was to setup a private dedicated line or MPLS connection and then place expensive WAN optimization equipment at both ends. Today ZeroOutages Private Cloud services not only accelerate host applications but also incorporates automated redundancy and built-in scalability, at a fraction of the cost of a dedicated private circuit.

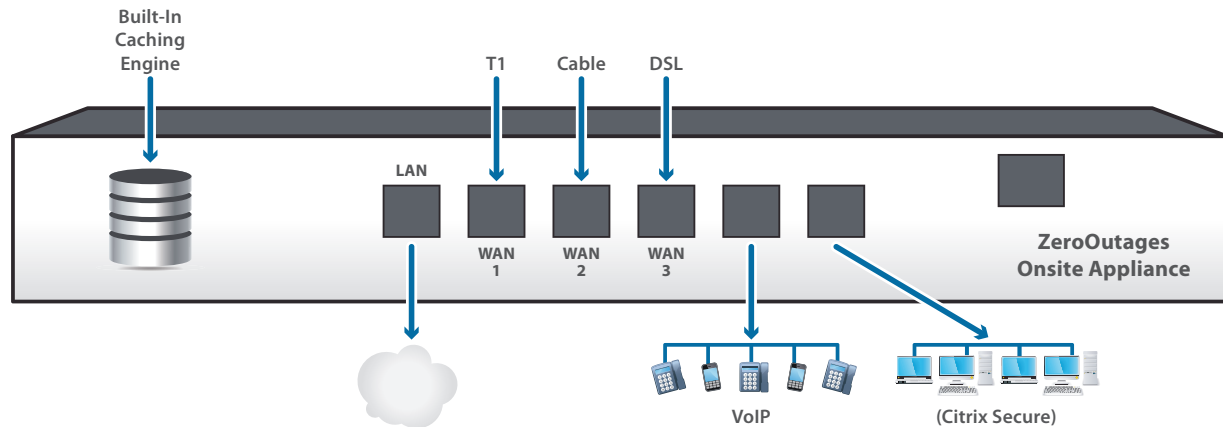
Using its patented technology ZeroOutages Private Cloud service enables "virtual onsite datacenter solutions" for your customers that are less expensive and easier to implement then any dedicate private line or MPLS connection. Further, with ZeroOutages Private Cloud, your customers can benefit from accelerated hosted applications (data at their fingertips), without the high cost of expensive WAN optimization hardware.



MPLS REDUNDANCY AND OFFLOADING

Expensive. This is the most common definition for MPLS circuits, however that definition could be applied to any dedicated private line. This is why ZeroOutages MPLS solutions typically reduce our customers' costs by thousands of dollars per year. On average MPLS offloading can cut your telecommunications bills by over 25% while at the same time increasing available bandwidth, reliability, and performance by over 200%. Add redundancy and scalability to your site-to-site network.

ZEROOUTAGES' VPN PLATFORM IMPROVES THE DELIVERY OF DATA CENTER SERVICES, BY SIGNIFICANTLY INCREASING SECURITY AND PERFORMANCE VIA NEXT GENERATION TUNNEL BONDING WITH BUILT-IN REDUNDANCY.



The device deployed to the customers site is a 1U network appliance which is pre-configured and automatically sync to the available Internet connections. ZeroOutages provides complete management and support of the onsite ZeroOutages device.

SPECIFICATIONS

ZeroOutages Appliance

SYSTEM FEATURES

- MultiCore Route Processor
- Industrial Grade Appliance
- Solid State Platform (no critical moving parts)
- LAN Bypass Architecture

CONNECTORS

- Ethernet Interfaces
- 10/100/1000 Support
- Single LAN Interface
- Up to 5 WAN Interfaces
- RJ45 Console Port

NEXT GEN VPN

- VPN Failover
- VPN Bonding
- Layered Encryption
- VPN Shaping
- VPN Global Mgmt

HARDWARE FEATURES

- Industrial Metal Casing
- Size 17.45" x 11.5" x 1.73"
- 12lbs Shipping Weight
- Three Internal Fans
- ECC Memory

USER INTERFACE

- Simple Web Management
- SSH Console Access
- SNMP / Syslog Monitoring
- Text-Based Configuration
- Custom XML API

POWER REQUIREMENTS

- Single Full Range Power Supply
- 110W / 220W ATX
- Frequency 50 / 60 Hz
- AC Input Amps Max 2.0
- CE / FCC / UL