Make the Internet work better.
MetTel's SD-WAN enables quick and cost-effective deployment of new branches. This cloud delivered solution provides bandwidth expansion and enterprise-grade WAN by leveraging broadband and private links while dramatically improving operational automation.

Features

Consolidated Carrier Access
Seamlessly mesh cross-carrier broadband and nationwide MPLS access via MetTel’s NNI circuits.

The Secure Solution
Boost encryption levels and QoS with MetTel's private MPLS network while utilizing SD-WAN technology, typically delivered by competitors over the public Internet.

Bi-Directional QoS with Multi-Path Optimization
Manage, shape and queue data packets to improve voice and video quality.

Private, Portable IP Addressing
Avoid costly equipment reconfiguration and maintain your IP addresses during carrier migrations with MetTel's public IP solutions.

SIP ALG Bypass
Encapsulate traffic using secure VPN tunnel to prevent service providers from altering IP packet flow.

One-Stop Shop
Consolidate all underlying technology under a single provider.

Key Benefits

Increase Bandwidth
Combine bandwidth such as DSL, Cable, and 4G LTE for increased speeds while maintaining secure enterprise-grade WAN connectivity.

Eliminate Forklift Upgrades
Augment existing MPLS with broadband while maintaining secure and encrypted private connectivity.

Plug & Play
Streamline provisioning and automate policy management for all branch gateways by setting easy-to-use business rules in the web portal.

Streamline & Save
Consolidate branch equipment into a single cloud controlled branch device. Reduce hardware costs and maintenance with app-based rules.

For more information, contact your MetTel agent, email sales@mettel.net, call 1 (877) 963-8663 or visit www.mettel.net.
Performance

**Dynamic Path Selection**
Dynamic multi-path optimization comprises of automatic link monitoring, auto-detection of provider and auto-configuration of link characteristics, routing and Quality of Service (QoS) settings.

**Smart QoS**
Granular classification of 2,500+ applications enables smart control. Out-of-the-box defaults set the QoS policies for common business objectives with IT required only to establish traffic priority. Knowledge of application profile enables automation of QoS configurations and bandwidth allocations.

**Link Steering and Remediation**
On-demand, per-packet link steering is performed automatically based on the measured performance metric, intelligent application learning, business priority of the application, and link cost. Delivers sub-second blackout and brownout protection to improve application availability. Remediates link degradation by through forward error correction, activating jitter buffering and synthetic packet production.

**Application Performance Monitoring**
MetTel continuously computes a quality score to assess performance of critical voice, video, or data applications at any given time with the ability to alert IT staff. This analysis provides administrators a comprehensive before-and-after view into application behavior on individual links and the SD-WAN enhancements.

Cloud Network

**Zero-Touch Deployment**
SD-WAN Edge appliances automatically authenticate, connect, and receive configuration instructions once they are connected to the Internet in a zero-touch deployment. Deliver highly available deployment with SD-WAN Edge redundancy protocol. Integrate with the existing network with support for OSPF routing protocol and benefit from dynamic learning and automation.

**Security**
Stateful and context-aware (application, user, device) integrated next generation firewall delivers granular control of micro-applications, support for protocol-hopping applications, such as Skype and other peer-to-peer applications (e.g., disable Skype video and chat, but allow Skype audio). The secure firewall service is user- and device OS-aware with the ability to segregate voice, video, data, and compliance traffic. Policies for BYOD devices (Apple iOS, Android, Windows, MAC OS, etc.) on the corporate network are easily controlled.

**Cloud VPN**
One-click, site-to-site cloud VPN is a VPNC-compliant IPSec VPN to connect MetTel and non-MetTel sites while delivering real-time status and health of VPN sites. Establish dynamic edge-to-edge communication for all types of branches based on service level objectives and application performance. Deliver secure connectivity across all branches with PKI scalable key management. New branches join the VPN network automatically with access to all resources in other branches, enterprise data centers, and 3rd party data centers, like Amazon AWS.