

SD-WAN AS A SERVICE

A BETTER WAY

To tackle Digital Age challenges you need network technology that understands what's important to you.

As businesses around the world have embraced the power of the cloud to facilitate application access, customer experiences, data collection, and more, the importance of network technologies has continued to grow. For decades businesses have depended on Wide Area Networks (WAN) to keep geographically diverse locations and employees connected and operations on track, but increased reliance on cloud-based applications and services has driven traditional WAN to adapt and evolve.

To stay competitive in global markets and industries, you need a more agile, reliable, and secure way of connecting your mission-critical applications, resources, and people: Software-Defined WAN (SD-WAN).

SD-WAN maximizes the performance of your network, applications, and data, strengthens your security environment, and reduces your Total Cost of Ownership (TCO). In conjunction with the rules you create, SD-WAN uses software to optimize the flow of network traffic to ensure applications are running at their best. This approach results in a more cost-effective, secure, and flexible network solution that delivers automated, dynamic global connectivity without the need for time-consuming micromanagement and monitoring.

SD-WAN's cloud-based centralized management, application classification, and optimization protocols deliver a wide range of benefits: "zero-touch" scalable deployments, streamlined compliance and regulation management, disaster avoidance and recovery capabilities, end-to-end encryption, and much more. Regardless of where they are, employees and customers will always enjoy optimized connectivity and experience fewer losses in productivity, slowed application delivery, or interrupted interactions or purchases.

If your network can't keep up, neither can your business. SD-WAN is the next step in connectivity and TenFour's specially-designed SD-WAN solutions are ready to help you make it.

HOW WE CAN HELP

It's more critical than ever that your business's applications, services, and employees are operating at their best. That's why TenFour created an SD-WAN service that connects your organization's locations—headquarters, branch offices, data centers, and cloud services—and empowers your business. **We've taken the complexity and frustration out of SD-WAN by delivering all of the elements that comprise your network in one streamlined subscription service at a single price you pay per month.**

We offer three fully dedicated, private domain SD-WAN solutions, each designed by TenFour to be tailored to the needs of your business and provide a dynamic global network that evolves the WAN of the past.

Our SD-WAN solutions include multiple layers of features and functionality in one all-in subscription service. Alongside software-driven governance and monitoring protocols we deploy all of the wired and wireless access, end-to-end encryption, best-in-class physical components—routers, switches, cabling—and robust network configurations to maximize the efficiencies provided by SD-WAN and ensure the highest levels of network and application performance and availability regardless of location.

You no longer have to struggle with dozens of vendors, contracts, and compatibility issues. You never need to worry about decoding a bill or negotiating unexpected charges. Our up-front pricing for each service component includes all of the hardware, software, design, installation, monitoring, remediation/repair, and administration costs involved in its deployment, as well as future proactive refresh and replacement of outdated gear.

No matter your business goals, our SD-WAN services delivers a secure, reliable, and agile IT infrastructure with fewer defects, more flexibility, and the capability to adapt as your business grows.

BUSINESS BENEFITS

A technology solution is only as valuable as the successful business outcomes it enables. TenFour's SD-WAN service delivers the benefits and features of a custom solution, but with the efficiency and ease-of-use of a subscription service.



Flexibility

In any given year, a large enterprise can open and close dozens of locations, or add or remove numerous cloud- or client-based applications and software. Our SD-WAN service uses proven reference architectures and standardized components to reduce the number of variables, so you can reduce or expand your network quickly and securely. No matter the size or complexity of your network, we deploy our hardware, software, bandwidth, cabling and labor on a pay-per-use subscription basis you can terminate at any time.



Reliability

Our SD-WAN service provides up to 99.999% availability. In addition to centralized, cloud-based operational management we include routing, switching, and redundant connections to ensure high priority traffic is routed quickly, efficiently and with minimal interruption. Physical circuit diversity helps ensure there's no single point of failure, but if an issue arises, our 24x7x365, U.S.-based Network Operations Center (NOC) is always available to remediate any problem. Plus, we provide scheduled, regular updates and patch management and test all changes before implementing them.



Cost

Our subscription approach to SD-WAN includes all of the design, configuration, implementation, project management, rack/stack, test/turn-up, monitoring, break/fix, changes/patching, and more at a single price per month. By standardizing the SD-WAN design and pairing the service with our lifecycle management and maintenance programs, we leverage our expertise to eliminate hidden costs and reduce your TCO. With TenFour you know what you're getting and how much it will cost, whether it's tomorrow or three years later.



Longevity

Our lifecycle support program ensures that the hardware, operation systems, and associated features are all continually updated to address critical vulnerabilities, bugs, or new functionality and protect the SD-WAN. We configure, troubleshoot, and monitor network capacity and functionality to ensure adequate bandwidth and resources are available; as we see trends go up, we'll recommend additional capacity and help optimize applications. Plus, we refresh all equipment at regular, agreed-upon intervals so you never have to worry about technology debt.



Security

We embed an array of front-line security features in every component of our service at the network and host layers, and use the latest authentication, encryption, and communication protocols to secure data, applications, and communications. Our SD-WAN service features a network-based firewall to support attack prevention, risk reduction, and compliance requirements throughout your network. And because we own the IT infrastructure we provide it remains private to you.

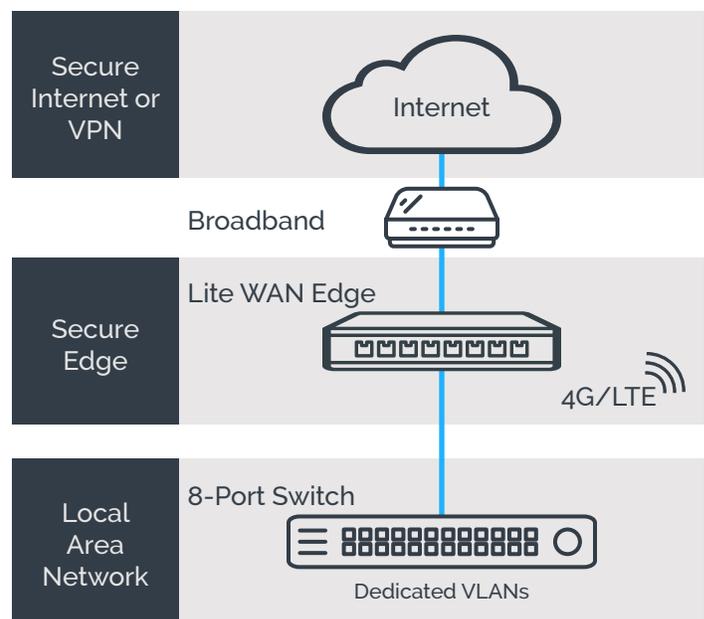
SAMPLE SOLUTIONS

TenFour's SD-WAN solutions are extremely versatile and can be adjusted to best suit your business and its goals. Described below are three sample solutions based on different use cases.

SAMPLE SOLUTION #1: LITE

Ideal for small locations that host up to 50 employees each, this easy-to-deploy, cloud-managed configuration delivers secure and direct internet access to private, hosted applications and resources, such as a data center, SaaS programs, internet browsing, and more. In addition an LTE backup for additional functionality, this solution includes robust intrusion protections, such as access monitoring, DNS screenings, and data filtering.

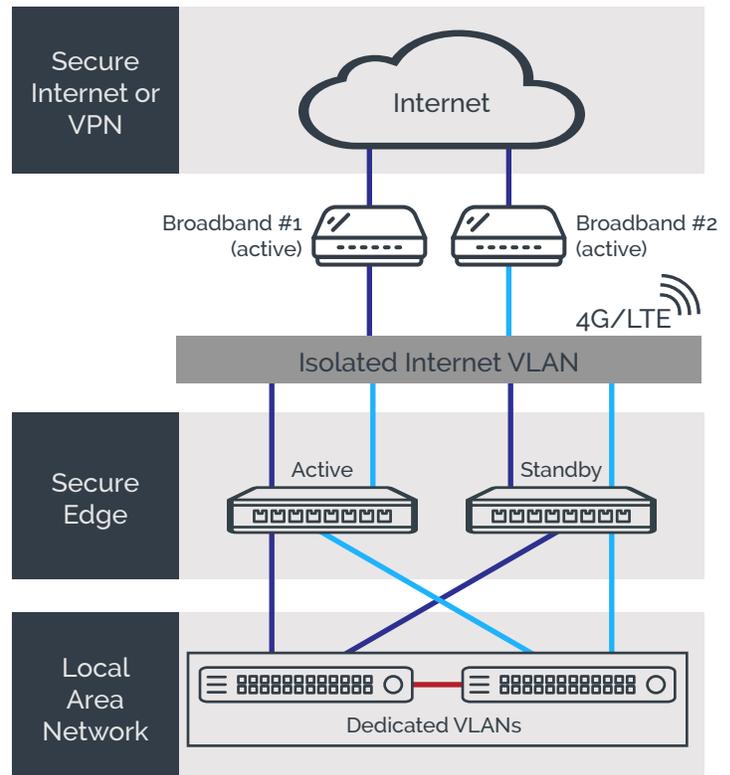
| Sample Lite Solution Pricing | | | |
|---------------------------------------|--------------------------|--------------------------------|----------|
| Qty. | Component (ITU) | Monthly Cost/ITU (for 5 years) | Subtotal |
| 1 | Lite WAN Edge w/LTE | \$55.96/Each | \$55.96 |
| 1 | Basic 8-Port Switch | \$48.31/Each | \$48.31 |
| 1 | Broadband 25x5 | \$114.65/Each | \$114.65 |
| 1 | LTE Backup Transport 5Gb | \$41.25/Each | \$41.25 |
| Solution Total: \$260.17/Month | | | |



SAMPLE SOLUTION #2: STANDARD

Ideal for medium-sized locations that host up to 100 employees each, this configuration delivers high network availability and redundancy, with high capacity bandwidth and LTE backup from diverse carriers, so locations enjoy 24x7x365 connectivity to networked resources, applications, and data. This solution is well-suited for warehouses, distribution centers, offices, and manufacturing locations.

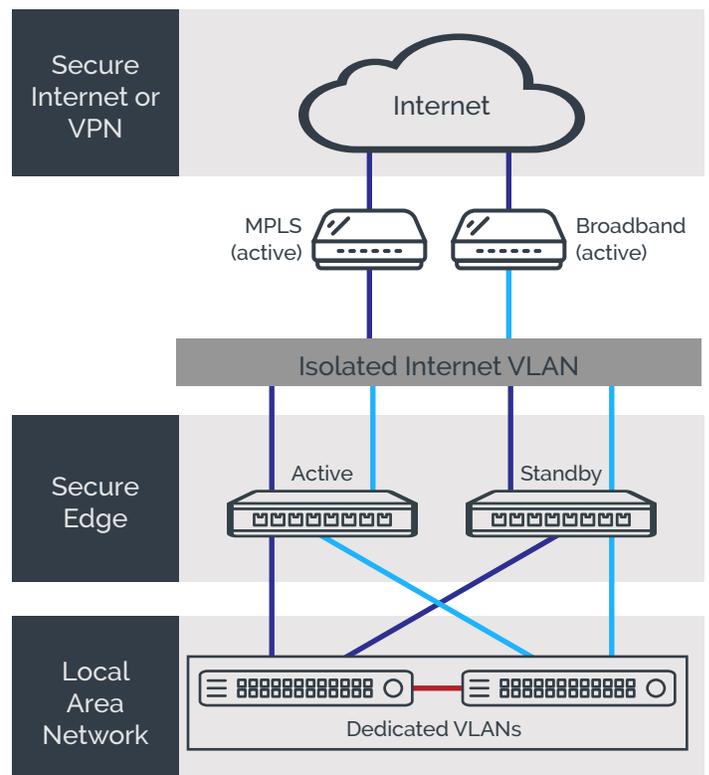
| Sample Standard Solution Pricing | | | |
|---|----------------------------|--------------------------------|----------|
| Qty. | Component (ITU) | Monthly Cost/ITU (for 5 years) | Subtotal |
| 2 | SD-WAN Edge w/LTE | \$319.15/Each | \$638.30 |
| 2 | Standard 24-Port L2 Switch | \$102.17/Each | \$204.34 |
| 2 | Broadband 100x20 | \$181.97/Each | \$363.94 |
| 1 | LTE Transport 10Gb | \$59.38/Each | \$59.38 |
| Solution Total: \$1,265.96/Month | | | |



SAMPLE SOLUTION #3: PREMIUM

Ideal for large locations that host more than 100 employees, this configuration delivers the highest level of availability, scalability, and security, and features dual carriers and access where available. In addition to high quality components and connectivity this solution takes full advantage of SD-WAN's capabilities with application performance profiles that optimize network resources to ensure applications' bandwidth, data, or latency requirements are met. Note: MPLS and Dedicated Internet transport prices are budgetary.

| Sample Premium Solution Pricing | | | |
|---|----------------------------|--------------------------------|----------|
| Qty. | Component (ITU) | Monthly Cost/ITU (for 5 years) | Subtotal |
| 2 | Premium SD-WAN Edge | \$465.87/Each | \$931.74 |
| 2 | Standard 24-Port L2 Switch | \$102.17/Each | \$204.34 |
| 1 | Broadband 300x20 | \$258.11/Each | \$258.11 |
| 1 | MPLS Ethernet (10Px20A) | \$912.50/Each | \$912.50 |
| Solution Total: \$2,306.69/Month | | | |



INCLUDED COSTS & FEATURES

Your time and resources are limited. That's why our SD-WAN service automatically includes these key features:

| Embedded Services | Hard & Soft Costs | Added Benefits |
|---|---|---|
| <ul style="list-style-type: none"> • Catalyst: Current state assessment & future outcome measurement • Gear: Need-based hardware & software, with automatic refresh • Monitor: Always-on remote monitoring, ticket creation & network inspection • Administer: Day 2 system changes & proactive maintenance • Repair: Always available team of remote & onsite experts • Shield: Frontline cyber security built directly into the IT infrastructure | <ul style="list-style-type: none"> • Executive Dashboards & Reporting • Training • Infrastructure Design • Contracting • IT Management Systems • Auditing • RFP Management • Single Point of Accountability & Vendor Management | <ul style="list-style-type: none"> • Customer Success Baseline & Tracking • Automatic Technology Refresh • 24x7x365 US-Based Network Monitoring • Administrative Changes • Proactive Maintenance • Deep Technology Expertise • Project Management • Real SLAs • Performance Analysis • Monitoring & Reporting |

END-TO-END IT SERVICES

We understand that an organization's network is the foundation upon which all of its most important business operations are built. Our SD-WAN service easily connects with and supports all of the IT infrastructure services TenFour delivers.

| | |
|---|--|
|  <p>Local Area Network Wired and wireless network connections, security, and backup features for computers, devices, and machinery in a location.</p> |  <p>Unified Communications & Collaboration Integrated voice, video calling, messaging, and mobile communications to connect employees and customers.</p> |
|  <p>Internet of Things IoT device enterprise- and location-wide deployment, operation integration, and multi-layered network management.</p> |  <p>Data Center Comprehensive power, compute, and storage infrastructure capabilities wherever it's needed: private, public, or in the cloud.</p> |
|  <p>Network Security Three levels of embedded security measures, and the option to add firewalls, security console management, and control functions.</p> |  <p>Physical Infrastructure All of the physical elements—cables, wires, servers, racks, distribution panels, and more—that comprise an IT environment.</p> |

THE NEXT STEP

Whatever your enterprises's needs, we're ready to design and build an SD-WAN solution best suited to connect your employees and achieve your goals. Every enterprise is unique, but we begin our partnership with the same basic steps:

1. **We conduct an independent study of the current state of your IT infrastructure and operations.** We compare this with your future IT needs and goals and begin to develop a plan to redesign your IT infrastructure and improve its operational capacity.
2. **We quantify the business value we will deliver.** What is the impact of our service on your Total Cost of Ownership? What degree of flexibility and agility can you expect from our service? What operational benefits and advantages will we deliver? We want to make sure we are providing maximum value. If we find we can't save you money or make a substantive, beneficial impact on your operations, you get to keep the current state findings and analysis.
3. **We create a roadmap of future goals tailored to your business,** with the objective of improving cost of ownership, agility and reliability, and providing your business the platform it needs to launch critical initiatives. Each year we measure our progress in revitalizing your IT infrastructure and hold ourselves accountable by making sure we're meeting your goals and adapting to new conditions and targets.

And our relationship doesn't end when we install your service. When you work with us, you're not simply purchasing a product; you're gaining a partner and trusted advisor who's focused on your business's success and growth.

ABOUT TENFOUR

What got you through the Information Age won't get you through the Digital Age. You need new tools. We've created a new type of IT infrastructure company. We build exceptional, private domain global IT infrastructure that is simplified, has fewer defects, and costs less to operate than traditional models. And we don't just build and operate your IT infrastructures; we own them.

We're not a cloud computing company, but we've taken the cloud model and extended it beyond compute and storage to core components, platforms, and services, such as routers, switches, wireless access points, IP phones, IoT devices, and so much more which has traditionally been "uncloudable." No matter how simple or complex the service we provide, you pay one simple subscription price per month. And with our headquarters and Network Operations Center located in Morristown, New Jersey, we're perfectly positioned to support your business. Come and visit any time to see for yourself!

LET'S GET STARTED

Leaders like you are building the future of business, but you don't have to build it alone.

Reach out to **+1 973 267 5236** or email **hello@tenfour.com** to see how TenFour's SD-WAN service can connect every location, application, and employee and maximize their potential.