



## SOLUTIONS BRIEF

# A COMPREHENSIVE APPROACH TO SECURE AND MODERNIZE YOUR NETWORK INFRASTRUCTURE

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NETWORKS

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Lightstream harnesses the power of advanced network modernization, utilizing a robust and secure SD-WAN architecture powered by Palo Alto Networks to elevate your business operations, giving you a competitive technology advantage.

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#### LIGHTSTREAM

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#### Follow us on

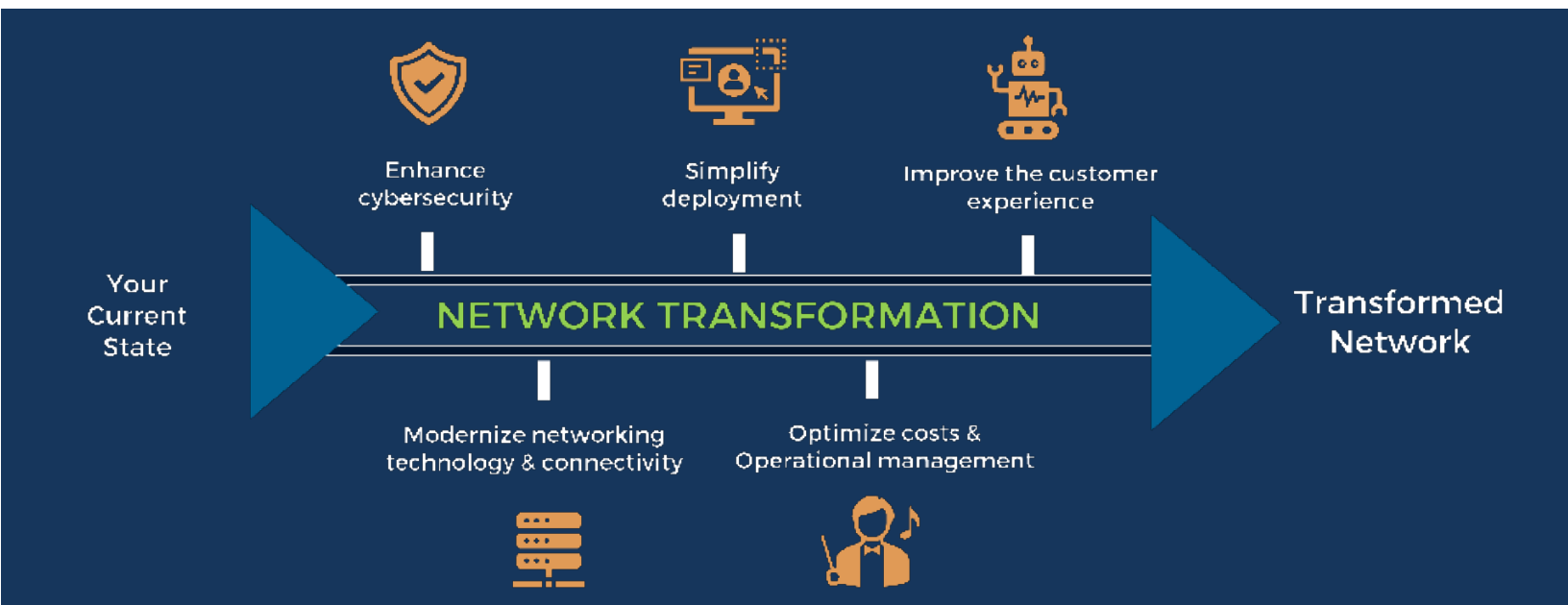


Let us tell you more about  
the amazing things we do.

# NETWORK TRANSFORMATION - A COMPREHENSIVE APPROACH

Our network transformation strategy focuses on resolving current security gaps, accommodating dynamic business needs, and incorporating state-of-the-art technologies while mitigating security breach risks. We start with the Zero Trust principles of 'never trust, always verify' to protect network resources and data integrity, and wrap it into an advanced, and secure SD-WAN architecture. Our Palo Alto Networks Prisma SD-WAN solution incorporates a Secure Access Service Edge (SASE) framework to unify network and security services into a single cloud-based system, enhancing security posture, simplifying management, while improving network performance and scalability.

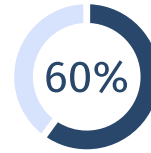
Lightstream's secure network transformation meets these challenges head-on, bridging the gap between your existing network infrastructure and a modern, secure network design. Your network will be adaptive, resilient and, most importantly, tailored to your unique business needs, and grounded in Zero Trust principles.



According to Gartner, by 2024, over 60% of enterprises will have implemented SD-WAN, compared to just about 30% in 2020



According to a report by Forrester, 80% of decision-makers in the field of IT security and risk management are in the process of implementing or are already operating Zero Trust architectures



According to Gartner, by 2025 at least 60% of enterprises will have strategies and timelines for SASE adoption in place, up from 10% in 2020

# WHY TRANSFORM YOUR NETWORK?



**Enhanced Security:** With a secure SD-WAN infrastructure, your network will adhere to the Zero Trust principles, ensuring that every network transaction is authenticated and encrypted. The Secure Access, Secure Edge (SASE) overlay further enhances security by consolidating multiple network and security functions in a single cloud-native service.



**Optimized Cloud Performance:** Modernized SD-WAN infrastructures are designed to optimize the performance of cloud applications. This reduces latency, increases speed, and ensures seamless access to cloud resources, thereby promoting productivity and better customer experience.



**Improved Network Visibility and Control:** A secure SD-WAN infrastructure offers comprehensive visibility into the network, allowing you to monitor traffic and usage patterns. This level of insight enables proactive threat detection and policy enforcement, reinforcing the overall network security.



**Scalability:** As businesses grow, so do their network needs. SD-WAN solutions are easily scalable, allowing you to adjust your network capacity as your business expands or as your network demands fluctuate.



**Cost Efficiency:** By adopting a secure SD-WAN infrastructure, organizations can reduce their reliance on expensive MPLS circuits, resulting in significant cost savings. Moreover, the integration of network and security services in the SASE model leads to operational efficiency and reduced complexity.



**Greater Flexibility and Agility:** SD-WAN supports rapid deployment with a variety of WAN services which enables organizations to respond swiftly to changing business needs. This enables organizations to respond swiftly to changing business needs.



**Resilience and Redundancy:** Secure SD-WAN infrastructure provides superior redundancy and resilience, ensuring minimal network downtime. With multiple transport links and automatic failover, SD-WAN ensures your network stays up and running, thereby reducing potential business disruptions due to network outages.

# SECURE NETWORK TRANSFORMATION

Unified Networking & Advanced Security to Empower Business Flexibility

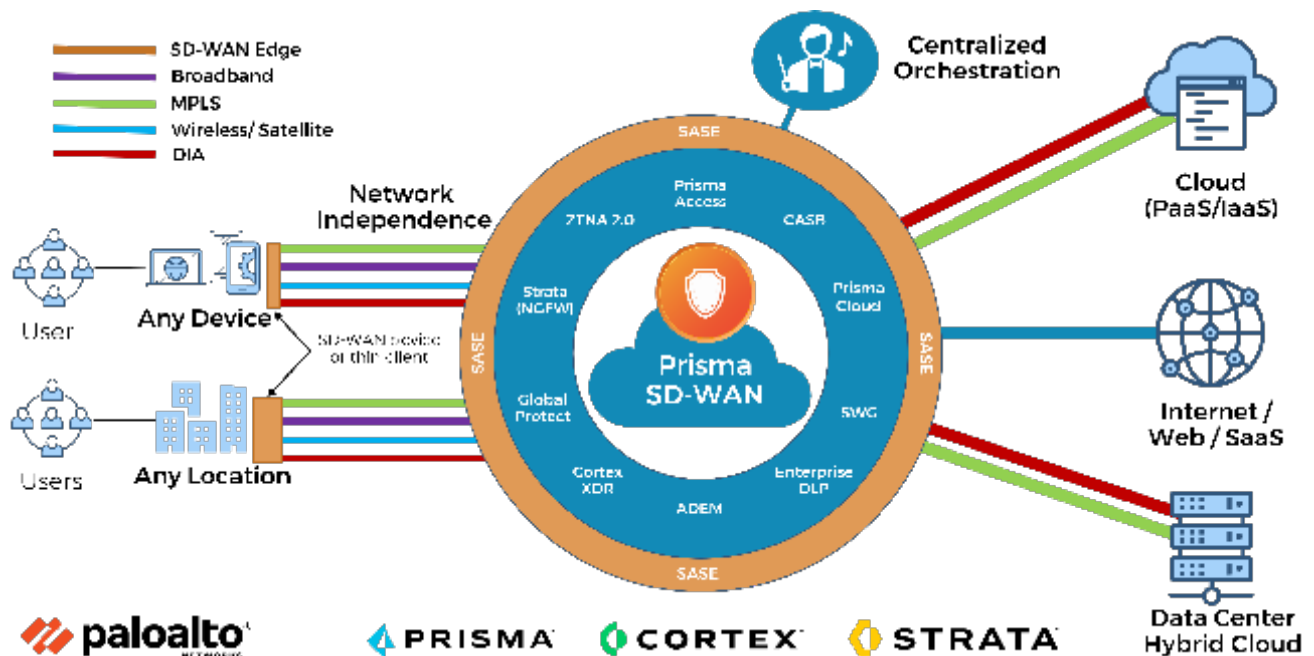
Lightstream's Secure Network Transformation solution combines operational efficiency, network independence, security integration, application awareness, and hybrid workforce enablement. Our solution streamlines network management through centralized orchestration, providing simplicity and efficiency. We facilitate near zero-touch deployments, eliminating complexity and enabling rapid deployment with minimal manual intervention.

Security is paramount in today's SD-WAN landscape. We can integrate your existing next-generation firewalls, VPNs, and security devices, creating a secure network overlay using Palo Alto Networks Prisma Access with a Secure Access Service Edge (SASE) to enhance security and performance by enforcing security at the network edge, aligning with Zero Trust principles of 'never trust, always verify'.

Our application-aware approach intelligently allocates network resources based on specific application needs. This ensures optimal performance, improved user experience, and prioritization of mission-critical applications.

Recognizing the importance of a hybrid workforce, our secure SASE solution empowers your team to connect from any device, anywhere, at any time, without compromising security or performance.

At Lightstream, we believe in the power of innovative, secure, and efficient networking to drive your business success. Join us on your digital transformation journey and unlock the potential of unified, secure, and flexible networking.





Your partnership with Lightstream is crafted to offer a holistic solution that can be leveraged in full or customized to your unique requirements. Our team of experts is poised to assist you in transforming your IT infrastructure into a sleeker, cost-efficient, and high-performing network that enhances your business operations and safeguards your invaluable digital assets.

<b>Security Assessment</b>	Evaluates the organization's current security profile, highlighting strengths and identifying potential vulnerabilities. This examination identifies protection surfaces within your organization, including users, applications, devices, and digital assets, whether in transit or at rest. The assessment then progresses into comprehensive recommendations and a modernization blueprint.
<b>Network Modernization Plan</b>	Combines network security and wide area networking (WAN) capabilities into a single, modernized network that can be centrally managed and easily deployed. Includes network design, transport services, a complete Prisma SD-WAN solution, and the implementation of a secure architecture leveraging Zero Trust principles and a deployment plan.
<b>Professional &amp; Field Services</b>	Lightstream can augment and enhance your staff with design and consulting services, training, installation services including cabling, rack and power, configuration services, and the staging of a simplified zero touch deployment model. Our field services team has global reach.
<b>Monitoring &amp; Management</b>	Constant monitoring is an important element of a properly managed Zero Trust-based network. We offer a range of monitoring and management services to help with manage your carriers, cloud providers, firewalls, endpoint detection and response (EDR), SD-WAN management, cloud security, and FinOps.
<b>Lightstream Connect™ Software</b>	A powerful software that unites your cloud and network accounting and analytics into one place. You'll love its insightful dashboards, utilization & cost optimization tools, and consolidated billing for all your cloud and network assets. View real-time data, analyze reports, and optimize cost savings. You can do it all in Lightstream Connect software. You'll wonder how you ever lived without it