# SD-WAN SOLUTION OVERVIEW

Talari Networks, SD-WAN technology innovator, is engineering the internet and branch for maximum business impact by delivering a Failsafe Software Defined WAN (SD-WAN) solution that offers increased capacity, improved reliability, higher quality of experience while lowering costs. Talari's solution also enables a secure and consolidated branch infrastructure which delivers application and service deployment flexibility, without sacrificing availability or performance.

With the explosive growth in real time applications, distributed workforces and cloud computing, a company's productivity and customer responsiveness have never been more dependent on the WAN infrastructure. Because of this, organizations are turning their focus to their wide areas

networks (WANs) and cloud access networks, knowing that having enough bandwidth to support the increased demand and predictable reliability to ensure continuous application availability are keys to their success.

The cloud is rapidly changing demands on enterprise IT legacy resources. The traditional WAN deployment of the last decade - MPLS circuits and enabling devices, often augmented by separate WAN-Op and firewall equipment - no longer offer enterprise IT the necessary requirements for cost savings, flexibility, bandwidth, manageability and streamlined cloud connectivity. Talari's failsafe WAN offers organizations the unique combination of availability, performance and reliability, yielding a highly resilient remote site with platinum application Quality of Experience.
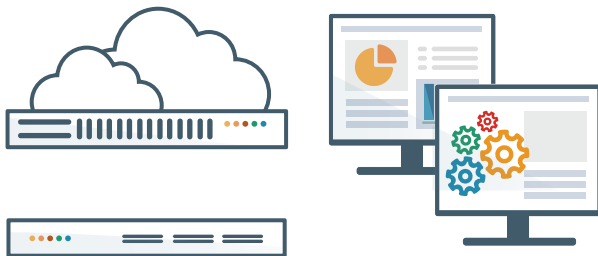
Talari Solution Components

A Talari Networks Software Defined WAN, built on a comprehensive physical and virtual appliances portfolio, engineers the internet and branch for application reliability and unparalleled resiliency. Customers have great flexibility in determining how a Talari SD-WAN solution is deployed at the physical edge, the virtual edge, or in the cloud through the use of Talari's Controller, a full suite of appliances and centralized orchestration and analytics platform.

Failsafe Software Defined WAN

A Talari SD-WAN solution delivers a resilient network that ensures application availability while lowering cost. The following are some of the leading capabilities and benefits of this solution:

Secure Cloud Access with Visibility
Talari extends the reach of the corporate WAN into the cloud by delivering an encrypted infrastructure with the performance, reporting and control capabilities a company requires to ensure a successful deployment.

Increased Application Quality of Experience
Talari ensures that applications work without interruption, even in the case of link failure or network impairments such as high jitter, delay, or packet loss.

Change WAN Economics with a Hybrid WAN
Companies can now modify their MPLS WAN infrastructure to incorporate low-cost, high-bandwidth broadband links that Talari technology converts into a business-class network.

HEADQUARTERS/DATA CENTER

MPLS CLOUD LTE SATELLITE

DATA CENTER BRANCH SOHO ACCESS
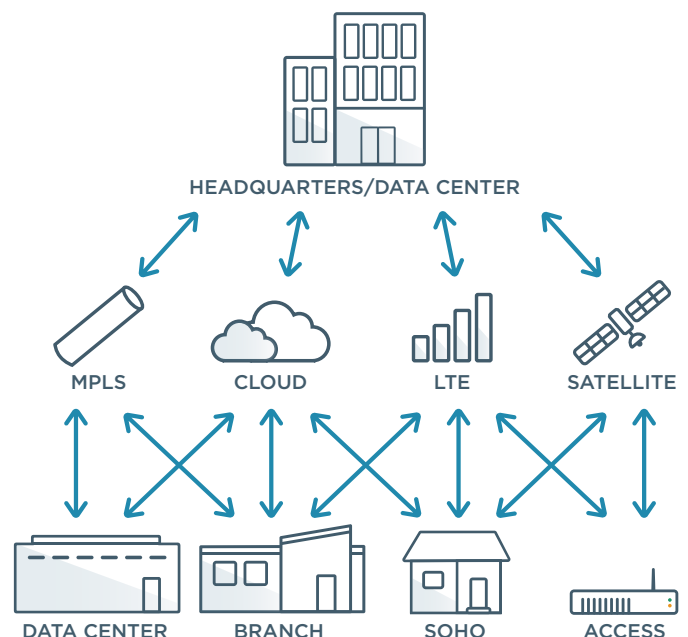
SD-WAN Resiliency Benefits

- Continuous per-packet, unidirectional performance analytics that factor in packet loss, latency, jitter, and bandwidth between all paths and aggregated links

- Adaptive, deterministic per-packet optimal WAN-path decisions, and in particular sub-second response to degrading network issues such as link/device failures and/or congestion-based disruption or outages

- Enabling "liquid" application flows that are not impeded even when heavy loss/jitter occurs, let alone link failure

- Enabling single priority flows across multiple links; using all m/x/n paths between location pairs

- Ability to leverage all available bandwidth across multiple links, even for a single high-bandwidth flow

- Customizable by bandwidth availability: highly efficient bandwidth utilization

- Replication of flows and packets across disparate links, especially real-time apps like VOIP that require platinum QoS support

- Enables unmatched support for real-time and highly interactive apps

- Extremely scalable (thousands of WAN links with continuous, real-time path measurement) to accommodate QoE standards set by cloud service access providers and edge-network co-location facilities (carrier agnostic)

- Superior inbound congestion avoidance; that is, "bandwidth reservation and control" that enables business-quality app predictability

TALARI'S LEADING IT BENEFITS

- **Gain resiliency, reliability and superior QoE**

- **Maintain high availability and uptime of business-critical apps**

- **Leverage bandwidth aggregation with commodity Internet services to reduce WAN legacy costs**

"Talari gives us the quality of service and guaranteed bandwidth we need to meet our service-level agreements for VDI and business applications." **- Dayton Superior**

"I bought Talari to make the network more reliable, and it did exactly what it promised."
- Taft, Stettinius & Hollister, LLP

"After we implemented Talari...we went from paying $600 per Mbps to $100 per Mbps for bandwidth for our distribution centers. We scaled up the WAN bandwidth without scaling up the pricing." **- Driscoll Strawberry Associates**

"We can leverage Talari's capabilities to negotiate the highest bandwidth at the lowest cost without compromising reliability/availability in preparation for more rich content, video and streaming applications in the future." **- Bremer Bank**

"If a WAN link goes down, the call-takers are unaware. The peace of mind and visibility we get with Talari is invaluable." **- Maricopa 911**

"Talari provides the bandwidth we need to sustain our growth in an efficient and reliable platform."
- United Federal Credit Union

TO LEARN MORE OR REQUEST A DEMO, VISIT TALARI.COM

TALARI Networks™