TURN YOUR BANDWIDTH INTO BRAINWIDTH

Talari’s THINKING WAN—The Software Defined WAN providing real-time packet-level intelligence to the network, so business is free to be brilliant.
WITH A NETWORK THAT THINKS FOR ITSELF, YOU HAVE TIME TO BE A GENIUS.

It’s a 24/7 connected world, one where the explosive growth in real-time applications, distributed workforces and cloud computing create complexity and challenge a company’s productivity and customer responsiveness. Supporting an increased demand for bandwidth and ensuring application reliability are critical to business success. For your company to be brilliant, only a smarter wide area network will do—a Software Defined THINKING WAN, from Talari.

TALARI PROACTIVELY MANAGES CAPACITY, RELIABILITY AND PERFORMANCE SO YOU DON’T HAVE TO.

Talari’s THINKING WAN proactively manages each and every data packet based upon predetermined centralized policies and up-to-the-millisecond knowledge of the network. There’s comprehensive and then there’s Talari’s approach—a rigorous, analytical, even cognitive solution delivering the most granular analysis of the network possible. Talari identifies problems before they happen, routing data across the best possible connection to deliver an unfettered workflow for every application and department.

A SOFTWARE DEFINED WAN SOLUTION THAT’S MORE INTELLIGENT.

Talari’s SD-WAN technology creates an overlay network decoupled from the individual wide area network, links and hardware components. This allows Talari’s solution to take advantage of all available WAN connections and centralize policy control for WAN traffic flow classification and prioritization, while also affording 360-degree visibility into the entire WAN fabric. The result? Simply a better way to WAN.

“Paying for something you can’t use is throwing money away. We reduced our monthly costs, improved performance and improved reliability with Talari.”

The Hain Celestial Group
Talari rethinks the flow of data to create a truly resilient network.

ALL YOUR BANDWIDTH UTILIZED. ALL THE TIME.
With Talari, your network is no longer a bottleneck thwarting productivity—beholden to the low capacity and high cost of old-line MPLS. For the first time, all of your bandwidth is utilized, even the backup links that used to sit idle the majority of the time. Greater utilization means bandwidth per dollar costs are lowered and the need to add future bandwidth through costlier approaches is mitigated. And the possible return on your investment extends well beyond network performance when you can realize MPLS-like QoS on Internet links.

RESPOND AND ADAPT AT THE SPEED OF BUSINESS.
Set your business free with Talari and gain the newfound ability to adapt and evolve as the market demands. This means you can easily deliver key applications that can become a competitive advantage. Or move confidently to the cloud knowing you have control and visibility. Open new office locations without waiting for MPLS connections. Or even expand into more remote areas with wireless and satellite links. With Talari, your network won’t hold you back.

A THINKING WAN FREES UP YOUR OWN TIME TO THINK AND INNOVATE.
Perhaps most importantly, with Talari you get a simplified network that’s easier to administer and that thinks for itself, without any need for human or manual intervention. One that identifies and addresses issues before anyone becomes aware they have occurred. Even the partial degradation of one network connection is deftly side-stepped by Talari’s ability to route and reroute data as needed in real time. This frees up IT’s own think time, enabling administrators to innovate the next big breakthrough, focus on real-time challenges, and help the company be brilliant.

BENEFITS OF TALARI
• Proactively manages network capacity
• Secures data, regardless of transport
• Keeps business-critical apps up and running
• Eliminates costly downtime
• Frees up think-time—to be a game-changer

“With Talari, I can reduce my dependence on expensive bandwidth at existing sites by using more Internet connectivity and immediately bring up new locations at much lower cost.”
Lextron, Inc.

“A network outage can have a large impact on our operations. Being able to depend on Talari is the difference between worrying about the next major halt in production and focusing on what makes our company successful.”
American Railcar
HOW TALARI’S SD-WAN SOLUTION WORKS.

- Best path selected by measuring true quality of every path
- All bandwidth will be active with your policies enforced
- Failed or low quality network links don’t affect application performance or availability

Talari’s THINKING WAN performs one-way measurement of data, coming and going, to proactively manage capacity, reliability and performance.
THE TALARI DIFFERENCE

Talari’s adaptive private networking software, including patented algorithms, makes real-time packet-level decisions based on the one-way conditions of the network, the application requirements, and link availability. The result? A network that can think for itself, self-correcting along the way. Bandwidth isn’t enough today. Talari gives the network BRAINWIDTH at every stage of IT’s responsibilities.

CONFIGURE ANY WAN TO BE A THINKING WAN
Talari supports all WAN configurations companies rely upon today:

Hybrid WAN—Adding Talari to an architecture featuring multiple pathways, including MPLS and Internet, ensures all circuits are active to enhance capacity, reliability and performance. Packet by packet, Talari ensures the best connection is always utilized.

Internet WAN—Ensure the guaranteed bandwidth, SLAs, and QoS of MPLS using less costly Internet links with Talari, without compromising the security and enterprise requirements your business demands.

WAN to the Cloud—Talari’s solution lets you control, manage and have visibility into the connection between a company’s data center, physical locations, private cloud instances, and public cloud instances, giving you a worry-free transition to the cloud when you are ready.

CONFIGURATION: CLEAR ADVANTAGES FROM THE START.

Unlike other solutions touted as “the next big thing,” the THINKING WAN advantage is truly holistic, with benefits stretching end to end and start to finish. That means configuration and management have been meticulously engineered to help you avoid endless hours of troubleshooting.

From simple, intuitive graphic interfaces to comprehensive, error-proof checks and audits, configuring Talari’s THINKING WAN allows you to manage the entire WAN with ease. Pre-defined templates can be used to apply tested configurations to known applications, while customization of policies to meet the unique demands of your business can be completed and applied network-wide in minutes.

The built-in ease powers your ability to get ahead of today’s whirlwind business demands and simplify your WAN administration from a centralized perspective rather than configuring individual appliances.
STANDARD OPERATIONS: EXTRAORDINARY MEASURES MADE EVERYDAY.

Even at its best, WANs don’t always perform as required. Talari changes that. Its logical intelligence measures and adapts to the quality of each and every link in the network. Talari measures packet loss, latency and jitter of every path in both directions, coming and going. Each and every packet. Each and every time. Thus Talari performs true one-way measurement to micromanage data in the most meticulous manner possible. Combine these “extraordinary measures” with customizable rules and the result is mission critical applications with reliability.

IF AN OUTAGE HAPPENS AND NO ONE NOTICES, IS IT REALLY AN OUTAGE?

With the most precise, real-time network map possible, Talari keeps network operations flowing optimally, choosing the best possible route for data packets by the millisecond. Even a total failure of any one path occurs without notice, as Talari’s high level of awareness stays one step ahead, following rules that give priority to the most mission critical applications the business has set and providing the appropriate failover connection. The result is business continuity that exceeds expectations.

A SMARTER APPROACH TO LOAD BALANCING.

Talari’s intelligent load balancing spreads a single session across multiple links only when the end result will be improved performance. It also adapts to changing conditions and moves packets off links as quality degrades or links fail without disrupting the session. And its loss mitigation and reorder control compensates for dissimilar link characteristics.

This means that with Talari, all available bandwidth is used, resulting in a reduction in congestion and a corresponding improvement in application throughput, regardless of the type of underlying links and regardless of the application mix. Quality sensitive applications remain on high-quality paths and bulk transfers complete faster by using aggregated link capacity without displacing high-priority traffic. The end result is applications that simply perform as designed — clear voice sessions, responsive interactions and fast file transfers.

PACKET DUPLICATION FOR PEACE OF MIND.

Given today’s reliance on voice and VDI across the WAN, Talari also delivers unique capabilities to manage the network’s most mission-critical data. Not simply by monitoring connections to identify the best possible circuit at any point in time, but by optionally duplicating packets and routing them across multiple diverse paths at the same time. If one doesn’t reach its destination, chances are others will. The result is voice and VDI delivered consistently, keeping business communications flowing at all times.

A HOLISTIC, MULTI-LEVELED SECURITY STRATEGY COMES STANDARD.

In today’s business environment, security can’t be an afterthought. Talari’s solution includes security protection at all levels, ensuring that application data is protected even if it traverses public connections and traveling to and from the cloud. With strong cryptography, protections against data spoofing, data segregation and support for industry-standard IPSec, businesses can be confident that their data is safe. And unlike some solutions, Talari can still provide application-aware services for encrypted application flows, allowing existing security measures to remain in place.

“We look for products delivering on what they say and providing the service to back it up. That’s what we found with Talari.”
Meritrust Credit Union

“We users have a better experience with Talari, because even if a network problem occurs, phone calls and applications don’t drop, so they don’t have to reconnect.”
Dayton Superior
ANALYTICS: THE VISIBILITY NETWORK ADMINISTRATORS DEMAND.

How much bandwidth does your business really need to function? Can your WAN sustain voice traffic without dropping calls? These questions are hard to answer without the insight of a smart platform like Talari Aware that centralizes and streamlines WAN management and analytics.

With Talari Aware, IT gains insight into statistics and trends in a dashboard or map format. A centralized database collects information from each appliance and offers a time-correlated view into the state of the WAN spanning multiple time zones, providing around-the-clock visibility.

Knowledge is power and Talari Aware analytics deliver the micro-details the IT team needs to quickly and easily uncover root causes versus wasting time chasing symptoms, so they can spend their time working on strategic initiatives versus fighting fires. The powerful data can also be used to ensure SLA compliance with service providers and manage future commitments.

TALARI WORKS THE WAY YOU DO

Physical Deployment: Talari offers purpose-built appliances optimized for varied network tasks and available in sizes appropriate for everything from a small branch office to a large data center. High availability comes standard with fail to wire ports, paired active-active appliances, and geographic redundancy.

Talari via Cloud: Talari’s cloud solution is hosted in popular IaaS, with virtual connections to cloud services. Choose a one-time purchase or usage-based approach, plus a variety of speed/bandwidth capabilities.

Virtual: Businesses that are virtualizing their infrastructure can choose Talari’s software-only solution—affording true ease of deployment, effortless maintenance, and maximum flexibility.

“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
SIMPLY A BETTER WAY TO WAN.

The ultimate Talari difference is that it makes a difference in the lives of IT administrators, senior technology managers and ultimately end users. At the end of the day, Talari delivers a new standard in networks—designed for the utmost simplicity in setup and management plus the utmost sophistication in operation. Coupled with unrivaled support, Talari delivers a Software Defined WAN that thinks for itself, freeing IT to innovate and excel.

“I expect a return on investment in about 10 months.” Equity Office