TALARI Networks™

TALARI AWARE

DATASHEET

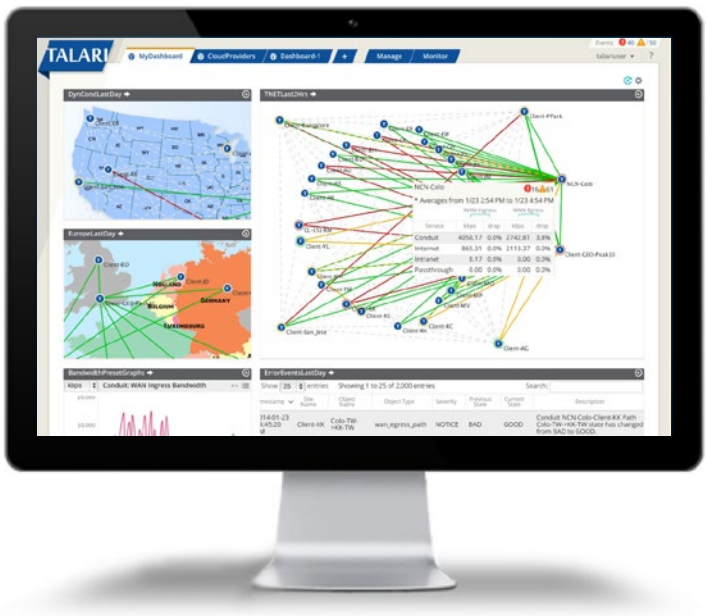
Talari Aware is a centralized management system that gives IT staff the ability to configure, monitor, and analyze a Talari SD-WAN. It reduces the time and configuration errors associated with deploying Talari appliances as well as provides access to detailed performance data correlated across the network. These capabilities deliver an easy to manage SD-WAN with unprecedented visibility into network and application performance.

By leveraging an intuitive graphical interface, Talari Aware simplifies many common management tasks and eases the transition from configuration to monitoring. Users can define multiple layers of physical and geographical topologies, which act as a guide for configuration changes, and provide a visual overview of network performance plus a quick at-a-glance overview of network errors. The application can be easily customized through the use of multiple user-definable maps, dashboards, and reports.

Talari Aware is a browser-accessed software solution that runs within a VM on standard user-provided servers or in the cloud on Amazon Web Services. A single instance of Talari Aware can manage and collect data from up to 256 Talari appliances and the controlling Network Control Nodes (NCN).

FEATURES

- Intuitive, centralized management system for Talari Appliances
- Simplifies monitoring and troubleshooting a Talari SD-WAN
- Fully customizable reports and graphs for easy network and application performance management
- Single point configuration with comprehensive network-wide audits to minimize errors

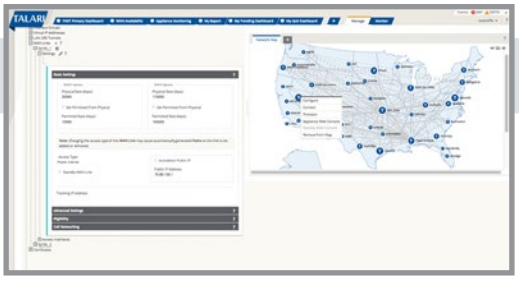


Talari Aware simplifies SD-WAN configuration and management, while also providing complete visibility into link and application performance.

Knowledge is power and Talari Aware analytics deliver the micro-details today's enterprise needs to quickly and easily uncover root causes versus wasting time chasing symptoms, so more time can be redirected towards strategic initiatives versus fighting fires. The powerful data can also be used for capacity planning and SLA enforcement.

Configure, monitor and analyze a Talari SD-WAN with ease with Talari Aware.

Configure



Allocating Bandwidth by Application

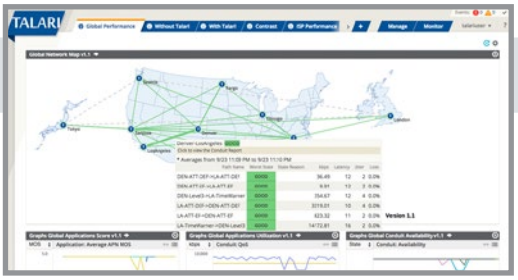
The centralized configuration capabilities of Talari Aware minimize the administrative effort and operational cost associated with managing an SD-WAN. Rather than configure each site individually and risk errors occurring if the two sides of a link don't match up, Talari Aware lets you configure the network as a whole. This approach speeds up the process of configuration and dramatically reduces the chance for errors. Also, adding a new site is made simple with the intelligent clone feature.

The configuration interface is easy to understand and uses the same look and feel as the on-appliance web interface, minimizing the learning curve for those already familiar with Talari's solution.

Capabilities in Talari Aware's configuration module

- Sites can be created and provisioned in a tree view or visually with the aid of network maps. These maps are later available to aid in monitoring the network and troubleshooting network errors.
- Default values and rules speed up the initial configuration process while making it simple to tailor the network behavior to align with a company's policies.
- Over 400 audit checks are performed as a configuration is built to ensure that errors are avoided before they impact network behavior. Inter-appliance dependencies are included in the audit to avoid inadvertent creation of conflicting configurations.
- Talari Aware manages SD-WAN configurations from a central on-premises or cloud location. This central Talari Aware instance will stage network-wide configuration changes and then simultaneously activate the new configuration in every Talari appliance, ensuring the network's configuration is always kept in sync and minimizing any network downtime caused by configuration errors.
- Multiple configurations can be archived to allow for easy rollback through the configuration change management feature.

Monitor



Report Showing Connection Status

The Talari Aware monitoring feature provides unprecedented visibility into the SD-WAN. Due to the comprehensive nature of Talari's solution, data can be captured by tracking packets in each direction as they traverse every path in the SD-WAN without probes or injecting test data, providing the most granular and accurate view of network and application performance possible.

Talari Aware collects the performance data from Talari appliances throughout the network and stores it in a single database. This central database offers a correlated view of application performance across the network, allowing for comparison of link and application performance between different locations.

Configurable dashboards allow each user to customize their displays, creating views that fit how they perceive their network. For example, geographically-based dashboards can display the performance of individual regions and application QoS based dashboards can call out the performance of select mission-critical applications. The result is that the information important to an organization is always on display while tool tips and drill downs provide quick access to more detailed information.

Capabilities in Talari Aware's monitoring module

- Fully customizable graphic and text reports that can be saved and added to various dashboards, allowing the network to be viewed from different perspectives.
- Color-coding and visual cues to network performance make it easy to quickly assess network performance. Plus network maps and graphs are interactive allowing the user to zoom in and out of plot lines or mouse over lines to see more detailed information.
- Logical or geographically oriented maps show current and historical views of network traffic with visual indications of bandwidth usage.
- The ability to replay traffic patterns over specific time frames that make it easy to see where data is flowing and the creation and deconstruction of dynamic paths that a Talari SD-WAN builds in response to application demand.
- Network-wide events and alerts can be centrally collected and reported via the Talari Aware platform simplifying the integration of a Talari SD-WAN into the network monitoring ecosystem. Plus all raw data points can be exported as .csv files for further analysis or importation into other systems.

Analyze

Detailed Analytics for WAN Traffic

Talari's SD-WAN detects network issues as they occur and automatically routes traffic in real time around failed links and onto links that provide the quality necessary to ensure peak application performance. While this capability doesn't prevent failed links or high latency and jitter, it prevents those factors from impacting the availability and quality of applications that run across the SD-WAN. One of the benefits of this approach is organizations are not constantly reacting to network problems in crisis mode; they are confident in the fact that Talari's solution will allow their business operations to continue.

But while network issues may not be a crisis, they do still need to be reported and corrected, and Talari Aware is an ideal tool to help IT staff do that. Events from throughout the SD-WAN are displayed on graphical maps and tables. In addition, current and historical reports are available to support fault detection, troubleshooting, network and capacity planning, ROI analysis and SLA confirmation.

Sample analysis performed by Talari Aware

- Generation of performance statistics that show the quality of each link and path in the network so that poor performing links can be highlighted and reported to service providers. Consistently poor performing links can be identified, and the information made available to network administrators so that alternative providers can be considered.
- Creation of reports and maps that assist with capacity planning by showing bandwidth usage on each link. Links approaching saturation can be detected and additional bandwidth added in a timely manner.
- Production of traffic displays and reports that help discover applications using bandwidth or known applications using more bandwidth than anticipated so those problems can be identified and corrected.
- Generation of traffic pattern replays that identify when network services are in peak demand or dynamic paths are being created and deconstructed allowing IT staff to understand usage patterns in the network across time and geography.

TALARI AWARE

Specifications

Talari Aware

- VMware Hypervisor ESXi 5.1.0 or higher
- Minimum 4 Core, 3 GHz Processor
- Minimum 8GB RAM
- Note that only locally attached storage is supported

Talari Aware for Amazon Web Services (AWS)

- Packaged as 64-bit Amazon Machine Image (AMI)
- The size and configuration of the Talari SD-WAN will determine the Talari Aware EC2 infrastructure requirements
- Please visit the Talari support site and user guide for the current recommended EC2 instance configurations: www.talari.com/support/support_login.php

"I love the statistics that Talari Aware generates. I use the data to get restitution from our service providers when we have outages. Sometimes the problem is in the provider's network. When I pull up Talari Aware reporting and analytics, I can see what's happening. Otherwise, it takes a lot more effort to get the information. Talari simplifies troubleshooting as well as day-to-day management.

Dave Badgley
Senior Systems Engineer | Dayton Superior

Talari Aware has become our best indicator of network performance from a NOC perspective. Talari gives us better detail and a simpler view than other network monitoring tools."

David Rahbany
Director of IT Infrastructure | The Hain Celestial Group

TALARI Networks

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About Talari

Talari Networks, the trusted SD-WAN technology and market leader, engineers the internet and branch for maximum business impact, delivering superior application reliability and resiliency, while unlocking the benefits of branch consolidation. Incorporating years of innovation into five generations of product, Talari is deployed across thousands of sites in 40 countries.