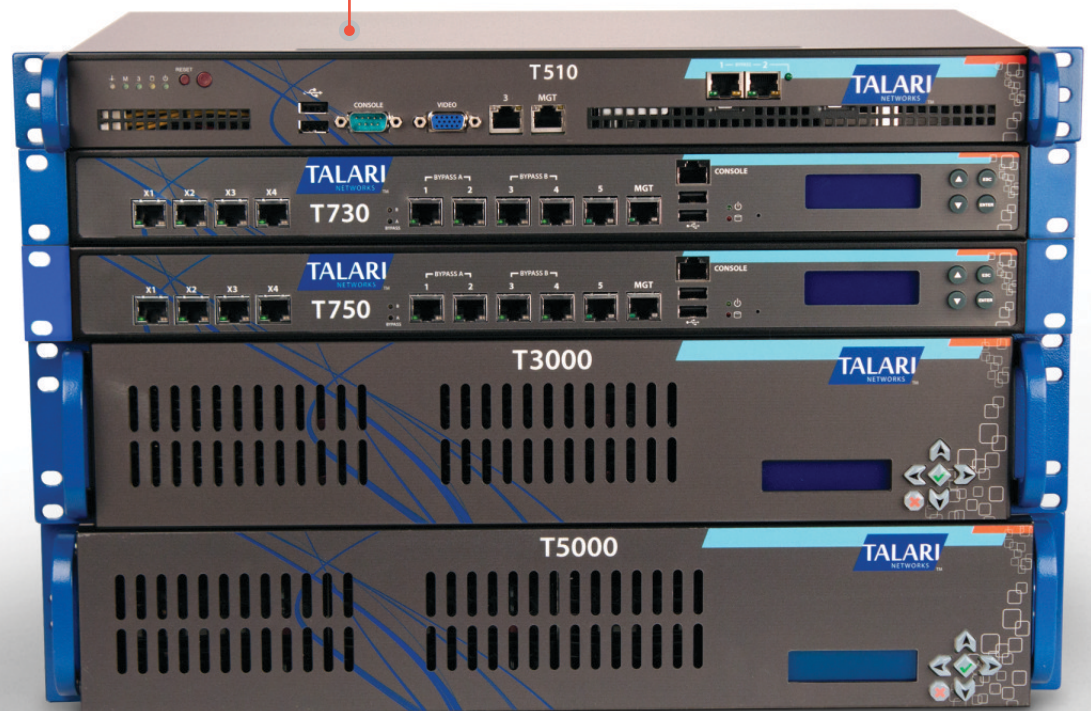


Talari Networks' Mercury Appliances Datasheet

Talari Networks is redefining WAN reliability and performance with its Mercury family of appliances by aggregating and transforming affordable broadband links to deliver business-class performance and reliability at consumer prices. Mercury appliances are seamlessly added to existing networks to deliver more bandwidth, reduced WAN operating expenses, and greater reliability than any existing single-provider WAN.

Talari's patented Adaptive Private Network solution provides multiple benefits, including:

- Applications continue to operate with no interruptions even in the case of link failure or network impairments such as high jitter, latency or loss
- Reliable end-to-end QoS event over networks that don't have inherent QoS
- Improved performance for network-dependent applications
- Lower WAN costs as inexpensive network links can be used to augment or replace private leased lines



Mercury Features

Per-packet Path Selection for Application Continuity

With Talari, path selection is performed for every single data packet. Per-packet path selection allows sub-second switchover to a better path in the middle of an application session if the current path becomes unavailable or its performance degrades. As a result, the application session will not be interrupted and the switchover is totally seamless, even for real-time applications such as VoIP.

Accurate and Continuous WAN Health Monitoring for Better User Experience

Talari's forwarding decisions are based on the appliances' automated collection of rich real-time information. Mercury devices continuously monitor the health of each network path and measure performance metrics relevant to IP networks such as one-way packet delay, jitter, and packet loss. Metrics are measured for every packet and measurement results are used to define path status and reported to the management application.

Resiliency at Low Price

At its core, Talari enables network managers to use multiple WAN connections—existing private WANs such as MPLS, as well as any kind of Internet WAN links, such as DSL, cable, fiber, Metro Ethernet, etc.—to augment or replace individual private WAN connections. Talari appliances use end-to-end algorithms to react in sub-second to not just link failures but also congestion-related network problems, enabling businesses to build a WAN that is more resilient, less expensive, and with lower ongoing operational costs than today's proprietary, single vendor WANs.

Dynamic Bandwidth Management and Aggregation

With its patented APN technology, Talari can increase bandwidth by leveraging Internet links that are today only used as VPN backup connections and/or for local Internet access. Bandwidth management algorithm is dynamic and takes into account instantaneous use of bandwidth by local and remote sites. Additionally, per-packet path selection allows each application session to use all available WAN links, resulting in better application performance and more satisfied users. Policies can be established for up to 16 classes of application traffic, ensuring that in cases of poor quality lines or restricted bandwidth higher priority real-time applications can take precedence over lower priority processes such as file backup.

High-Availability

For enterprises looking to centralize more services at their data centers, predictable application performance over a cost effective WAN infrastructure and high reliability are key requirements. The APN High-Availability functionality eliminates the APN appliance as a single point of failure in the network by providing complete redundancy between two Talari appliances. The pre-designated "standby" appliance monitors the state of the "active" appliance and, in the event of a failure, takes over all APN services.

Geographic Redundancy

With the new Geographic Redundancy feature, an APN client node can also function as a secondary APN control node (NCN). In the event of a primary data center failure, the backup data center will become operational and the secondary Talari appliance will act as the NCN for the APN.

Fault Tolerant

Talari appliances include fail-to-wire ports, automatically enabling a passive pass-through mode even in case of unforeseen interruptions in an APN device.

Scalability

Talari Networks' family of Mercury appliances scales easily to fit the needs of every location in your business. For large central sites such as call centers and data centers, the Mercury family includes the T5000H and T5000L, which support aggregated WAN bandwidth of 3Gbps full duplex and 1Gbps full duplex respectively and are optimized for very large numbers of small packets, common to applications such as VoIP. The 3000H and T3000L are ideal for data centers and headquarters. The T750 supports smaller data centers and larger branch offices while the T730 is ideal for medium sized remote offices. And to bring reliability and increased bandwidth to locations typically served by IPsec VPNs, Talari offers the small office/home office T510 model.

Network Control Node (NCN)

Designed to bring the reliability and bandwidth to the data centers, Talari T5000, T3000, and T750 can act as the master controller of the APN and the central point of administration for the client nodes. The NCN's primary purpose is to establish and utilize a Conduit with one or more Talari Client Nodes across the network for enterprise site-to-site communications. A particular NCN can administer and have conduits to multiple Client Nodes.

Talari Mercury T5000



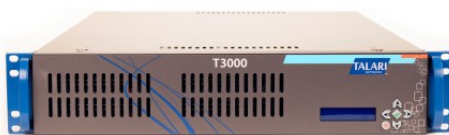
The T5000 brings reliability and higher bandwidth to large data centers and call centers. The T5000 appliance is optimized for large amounts of small packets, making it ideal for call centers and other VoIP situations. It is offered in two configurations:

T5000L | designed for data centers and call centers, the T5000L supports aggregation of WAN bandwidth up to 1 Gbps full-duplex

T5000H | with the largest capacity in the product line, the T5000H is intended for large data centers and call centers and supports up to 3 Gbps full-duplex

The T5000 can easily communicate with, and act as a control unit for, other Talari appliances such as the T3000, T750, T730, and T510. It runs the same software as those, while taking performance and scalability to the next level, supporting gigabytes of WAN bandwidth across the union of private WAN links and public Internet connections.

Talari Mercury T3000



The 2U rack-mountable Mercury T3000 appliance is offered in two different software configurations:

T3000L | designed for headquarters and data centers, T3000L supports aggregation of WAN bandwidth up to 240 Mbps total (uplink + downlink)

T3000H | designed for large data centers, T3000H supports aggregation of WAN bandwidth up to 500Mbps uplink/500Mbps downlink (500 Mbps full-duplex)

Upgrade from T3000L to T3000H is performed with a software upgrade, insuring investment preservation. Additionally, T3000 runs the same software as the T510, T730, and T750 models while taking performance and scalability to the next level, supporting hundreds of megabits of WAN bandwidth across the union of private WAN links and public Internet connections and providing support for a vastly larger number of branch connections and application flows.

Talari Mercury T750



Designed to bring the reliability and bandwidth to the regional data centers and smaller headquarters, the Mercury T750 appliance affordably delivers up to 180 Mbps. The 1U rack-mountable T750 appliance can easily communicate with other Talari appliances, such as the Mercury T510, T730 and T3000 models.

Talari Mercury T730



Designed to bring the reliability and bandwidth to remote office environments, the Mercury T730 appliance affordably delivers up to 72 Mbps. The 1U rack-mountable T730 appliance can easily communicate with other Talari appliances, such as the Mercury T510, T750 and T3000 models.

Talari Mercury T510



Designed especially to bring the reliability and bandwidth to small office / home office environments typically served today by IPsec VPNs, the Mercury T510 appliance affordably delivers up to 28 Mbps complementing Talari's higher-capacity Mercury models.

Specifications

	T510	T730	T750	T3000	T5000
Location	SOHO/Remote office	Remote Office	Small Data Center	HQ / Data Center	Data Center/Call Center
Mounting	EIA RS-310 standard 1U	EIA RS-310 standard 1U	EIA RS-310 standard 1U	EIA RS-310 standards 2U	EIA RS-310 standards 2U
Network Control Node function			✓	✓	✓
Bandwidth	28 Mbps Total	72 Mbps Total	180 Mbps Total	T3000L 240 Mbps Total T3000H 500 Mbps/500 Mbps (Full Duplex)	T5000L 1 Gbps/1 Gbps (Full-Duplex) T5000H 3 Gbps/3 Gbps (Full-Duplex)
Number of Ethernet Ports, Management included	4 x 10/100/1000 Mbps	10 x 10/100/1000 Mbps	10 x 10/100/1000 Mbps	6 x 10/100/1000 Mbps	10 x 10/100/1000 Mbps
Management	- Serial console port - Ethernet port	- Serial console port - Ethernet port	- Serial console port - Ethernet port	- Serial console port - Ethernet port	- Serial console port - Ethernet port
High-Availability		✓	✓	✓	✓
Geographic Redundancy			✓	✓	✓
Other ports	2 x USB 2.0 ports 1 x VGA port	2 x USB 2.0 ports 1 x VGA port	2 x USB 2.0 ports 1 x VGA port	2 x USB 2.0 ports 2 x PS2 ports 1 x VGA port	4 x USB 2.0 ports 1 x VGA port
LCD		2x16	2x16	2x16	2x16
Fail-to-wire	1 pair	2 pairs	2 pairs	2 pairs	4 pairs
Size	437mm (W) x 249mm (D) x 43mm (H) (17.2" x 9.8" x 1.7")	433mm (W) x 292.1mm (D) x 44mm (H) (17.45" x 11.5" x 1.73")	433mm (W) x 292.1mm (D) x 44mm (H) (17.45" x 11.5" x 1.73")	426mm (W) x 650mm (D) x 89mm (H) (16.8" x 25.6" x 3.5")	437mm (W) x 650mm (D) x 89mm (H) (17.2" x 25.6" x 3.5")
Operating temperature	0 to 55° C (32 to 131° F)	5 to 40° C (41 to 104° F)	5 to 40° C (41 to 104° F)	10 to 35° C (50 to 95° F)	0 to 40° C
Storage temperature	-40 to 70° C (-40 to 158° F)	0 to 70° C (32 to 158° F)	0 to 70° C (32 to 158° F)	-40 to 70° C (-40 to 158° F)	-20 to 80° C
Relative Humidity	8% to 90% non-condensing	20% to 90% operating environment	20% to 90% operating environment	8% to 90% non-condensing	10% to 90% non-condensing
Power	100-240 volts 50-60 Hz 200 Watts	100-240 volts 50-60 Hz 200 Watts	100-240 volts 50-60 Hz 200 Watts	- Redundant hot swappable 500W AC power supply - 100-240 volts 50-60 Hz	- Redundant hot swappable 740W AC power supply

About Talari Networks, Inc.

Talari Networks is redefining WAN reliability and application performance quality. By aggregating multiple diverse networks into a virtual WAN and continuously adapting traffic based on the availability and real-time quality of the network paths, Talari ensures applications that rely on a WAN are not affected by underlying network issues. Talari's patented technology delivers significant cost savings over single provider networks while also increasing reliability and quality. Talari has received numerous industry awards and accolades including being named a Gartner Cool Vendor, Best of Interop—Performance Optimization and Techworld Awards—2012 Networking Application Product of the Year. For more information, visit www.talari.com.



Talari Networks, Inc.
550 S. Winchester Blvd., Suite 500
San Jose, CA 95128 USA
+1 408 689 0400 +1 408 864 2124 fax
info@talari.com | www.talari.com

Talari Networks, Inc. reserves the right to make changes to its products or to discontinue any product or service without notice.

Talari is a trademark of Talari Networks, Inc. All other trademarks mentioned in this document or website are the property of their respective owners.