

# Oracle Talari T860 Installation Guide

ORACLE®

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## My Oracle Support

My Oracle Support (<https://support.oracle.com>) is your initial point of contact for all product support and training needs. A representative at Customer Access Support (CAS) can assist you with My Oracle Support registration.

Call the CAS main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at <http://www.oracle.com/us/support/contact/index.html>. When calling, make the selections in the sequence shown below on the Support telephone menu:

1. Select 2 for New Service Request.
2. Select 3 for Hardware, Networking, and Solaris Operating System Support.
3. Select one of the following options:
  - For technical issues such as creating a new Service Request (SR), select 1.
  - For non-technical issues such as registration or assistance with My Oracle Support, select 2.

You are connected to a live agent who can assist you with My Oracle Support registration and opening a support ticket.

My Oracle Support is available 24 hours a day, 7 days a week, 365 days a year.

### Emergency Response

In the event of a critical service situation, emergency response is offered by the Customer Access Support (CAS) main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at <http://www.oracle.com/us/support/contact/index.html>. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

A critical situation is defined as a problem with the installed equipment that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical situations affect service and/or system operation resulting in one or several of these situations:

- A total system failure that results in loss of all transaction processing capability
- Significant reduction in system capacity or traffic handling capability
- Loss of the system's ability to perform automatic system reconfiguration
- Inability to restart a processor or the system
- Corruption of system databases that requires service affecting corrective actions
- Loss of access for maintenance or recovery operations
- Loss of the system ability to provide any required critical or major trouble notification

Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.

## Locate Product Documentation on the Oracle Help Center Site

Oracle Communications customer documentation is available on the web at the Oracle Help Center (OHC) site, <http://docs.oracle.com>. You do not have to register to access these documents. Viewing these files requires Adobe Acrobat Reader, which can be downloaded at <http://www.adobe.com>.

1. Access the Oracle Help Center site at <http://docs.oracle.com>.
2. Click Industries.
3. Click the Oracle Communications link.

Under the SD-WAN header, select a product.

4. Select the Release Number.

A list of the entire documentation set for the selected product and release appears.

5. To download a file to your location, right-click the PDF link, select Save target as (or similar command based on your browser), and save to a local folder.

## 1 – Box Contents



Power Cord



Ethernet Cables (3)



DB-9 to DB-9 Cable



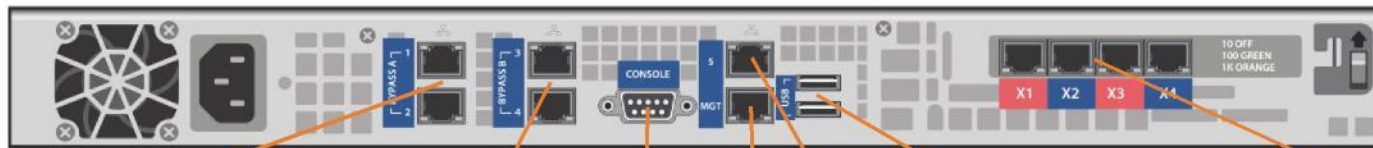
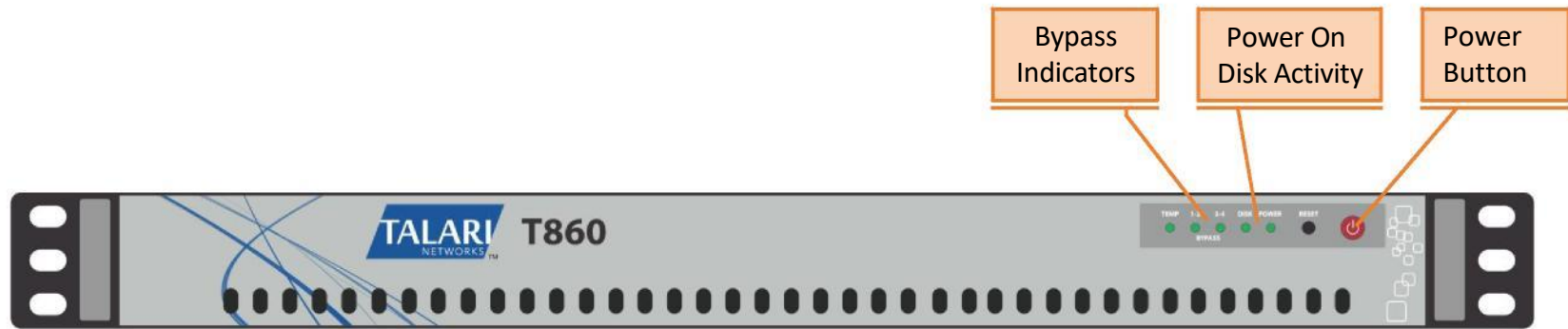
Crossover Cable

## 2 – Rack Mounting

Prior to installing the system in a rack, adhere to the following rack installation guidelines:

- Ensure that there is adequate airflow in the rack. Improper installation or restricted airflow can damage the equipment.
- You should leave at least 1U of vertical space between each system you install in a rack.
- The rack width and depth must allow for proper serviceability and cable management.
- Make sure the rack is properly secured to the floor or ceiling and grounded.
- Always load the rack from the bottom up.
- Load the heaviest component in the rack first.
- Make sure the rack is level and stable before pulling a component out of the rack.
- Do not move racks by yourself; at least two people are needed to move a rack, and for safe equipment staging.
- Cables should be easily identifiable.

### 3 – Appliance Front and Back



Port 1 – User defined; forms a bypass pair with Port 2  
Port 2 – User defined; forms a bypass pair with Port 1

Port 3 – User defined; forms a bypass pair with Port 4  
Port 4 – User defined; forms a bypass pair with Port 3

DB-9 Console Port

Management Port

USB 2.0 Ports

Port 5 – User defined; default 192.168.0.2/30

Ports X1-X4 – User defined

## 4 – Cabling and Powering Up

### LAN/WAN Connections:

- Position the cables carefully, so that they do not put strain on the connectors.
- Organize cables in bundles such that cables do not intertwine.
- Inspect the cables to make sure that the routing and bend radiuses are satisfactory.
- Install cable ties in accordance with site requirements.

### Connecting Power:

- Make sure the system is powered off using the power button.
- Plug power cord into the appliance.
- Plug power cord into an uninterrupted AC power source.

### Other Connections

- Rear-side DB-9 console port is provided for connecting directly to a PC. The appropriate PC serial port must be configured to use 115200 8n1 XOFF.
- Rear-side USB ports are provided for keyboard and mouse.

## 5 – Gather Information

Please record the network interface settings of the PC you are going to use to set the Talari management IP address. You may also want to use the area below to record the Ethernet Interface settings and any other pertinent information needed for installation of the Talari.

### New Oracle Talari Appliance Ethernet Interface Settings:

IP Address: \_\_\_\_\_

Subnet Mask: \_\_\_\_\_

Gateway IP Address: \_\_\_\_\_

Primary DNS: \_\_\_\_\_

Secondary DNS: \_\_\_\_\_

### Current PC Network Interface Settings:

IP Address: \_\_\_\_\_

Subnet Mask: \_\_\_\_\_

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 6 – Connect to Appliance



The Talari can be directly connected to a PC through Port 5, which has a default IP address of 192.168.0.2/30. In order to access the Talari remotely, you must set a management IP address. Use an Ethernet cable to connect from a PC to the Port labeled 5 and follow the instructions below.

## 7 – Set Management IP Address

From the PC connected to the Talari:

- Change the IP address of your PC to 192.168.0.1.
- Change the Subnet Mask of your PC to 255.255.255.252.
- Open a web browser and go to Talari web console (192.168.0.2). The username is *talariuser* and the default password is *talari*. **We strongly recommend changing the default password as soon as possible.**
- Select *Manage Appliance* -> *Ethernet Interface Settings* from the pull-down menu.
- Set the IP address, Subnet Mask, and Gateway IP address for the Talari.
- When satisfied with the settings, select Change Settings.
- Be sure to change the network interface settings on your PC back to the original settings.

A screenshot of the Talari web console home page. The page has a navigation bar with tabs: 'Monitor', 'Manage Network', 'Manage Appliance', 'Diagnose', and 'Integrate'. The user is logged in as 'talariuser'. The main content area is titled 'Home' and shows 'Talaria Status' with the following information:

Talari Name:	T730-NC-Demo-NCN
Talari Model:	T730
Appliance Mode:	NCN
Management IP Address:	192.168.51.101
APN Appliance Uptime:	1 months, 1 weeks, 15 hours, 55.2 seconds
APN Service Uptime:	1 months, 1 weeks, 15 hours, 4 minutes, 26.2 seconds

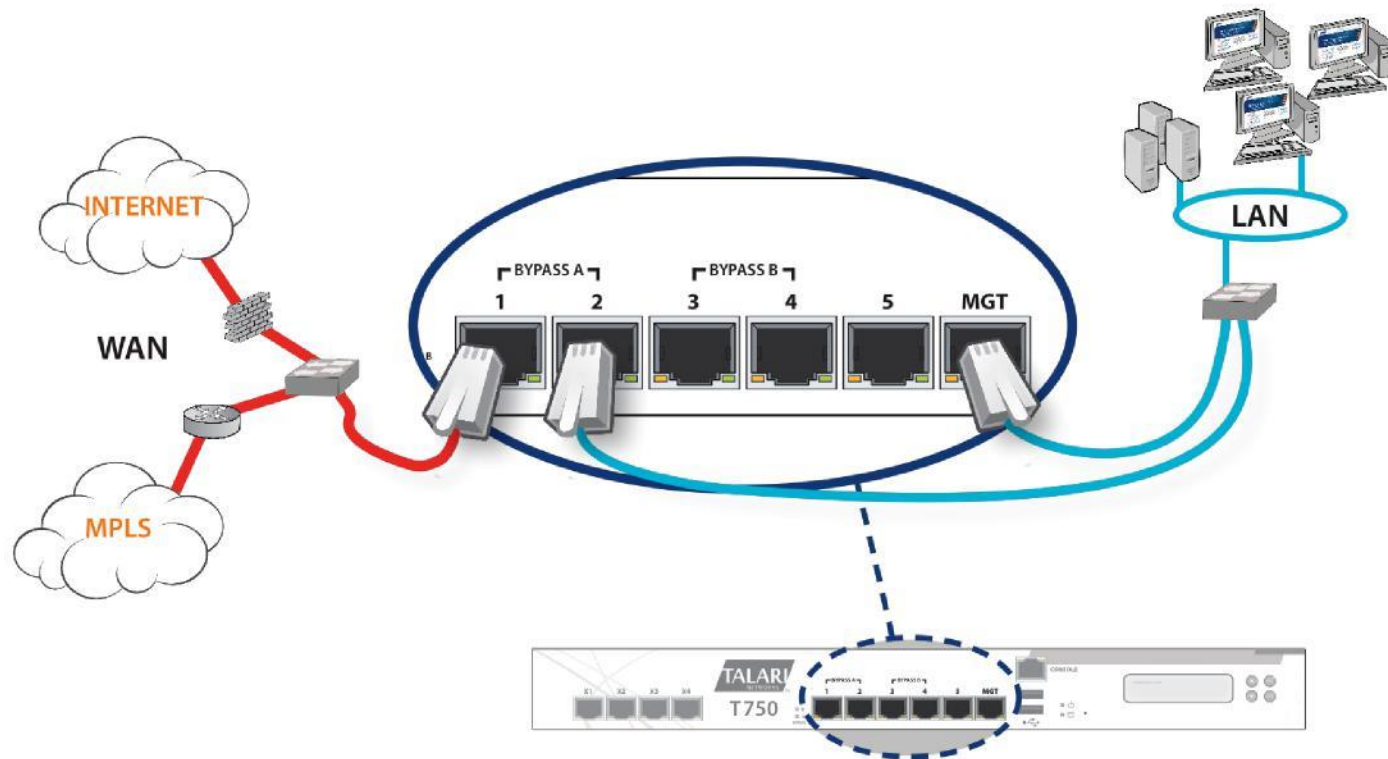
Below this, there is a 'Conduit Status' section showing 'Conduit T730-NC-Demo-NCN-T730-Demo-Client' with an uptime of '1 days, 6 hours, 28 minutes, 1.0 seconds'. At the bottom, there is a 'Local Versions' section with the following information:

Talari Software Version:	R4_0_GA_P1_04142014
Built On:	Apr 14 2014 at 20:00:36
Talari Hardware Version:	T730v1
Talari Image Version:	4.1

The footer of the page reads '© 2007-2014 Talari Networks. All rights reserved.'



## 8 – Sample Inline Topology



### Sample Inline Topology:

*This is an informational example deployment. The reference appliance is a T750, but the same principle applies to all Talari Appliances.*

To install the Oracle Talari Appliance Inline within your LAN, connect an Ethernet cable to the Talari port you will configure as a LAN port with the other end of the cable connected to a LAN switch. Connect the Management port to the LAN switch as well. Connect another Ethernet cable to the Talari port you will configure as a WAN port with the other end of the cable connected to a WAN router or switch.

## 9 – Network Deployment

### Network Topology

Both Inline and One-Arm network topologies are supported by Talari appliances.

### Port Configuration

For networking flexibility, there are nine user-defined Ethernet ports available on your Talari T860. For more information on Ethernet port configuration, please see the *APN Configuration File Reference*.

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### Configuration File

Prior to setting up an Adaptive Private Network (APN) using Talari APN Appliances, you will need to have an APN configuration file ready. This file will reflect your firm's network architecture and the optimal way to utilize the appliances within your network. The configuration file should be created by the network administrator. For further information on creating a configuration file, please consult the *APN Configuration File Reference*.

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For assistance, please contact your Talari representative or the Talari Support team.

## 10 - Support

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**My Talari Networks Representative:** \_\_\_\_\_

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