

TIBCO Messaging Appliance™ P-7500

Hardware Uninstallation

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Preface

This document includes the information that trained service technicians need to uninstall one or more TIBCO Messaging Appliance P-7500 systems in a rack.

Topics

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Audience

This document is intended for use as a reference by system administrators and experienced users who are familiar with IP network configuration.

TIBCO assumes that:

- you have a functioning IP network
- you and your TIBCO Sales representative have determined the correct number and placement of P-7500 systems required
- that these P-7500 systems have been or will be installed in an equipment rack and at least minimally configured by network administrators who are responsible for installing and setting up network equipment

Related Documentation

This section lists documentation resources you may find useful.

TIBCO Messaging Appliance P-7500 Documentation

In addition to this book, the following documents form the TIBCO Messaging Appliance P-7500 documentation set:

- *TIBCO Messaging Appliance P-7500 Getting Started*
- *TIBCO Messaging Appliance P-7500 Concepts*
- *TIBCO Messaging Appliance P-7500 Operations Guide*
- *TIBCO Messaging Appliance P-7500 Maintenance and Troubleshooting*
- *TIBCO Messaging Appliance P-7500 Administration Interface Reference*
- *TIBCO Messaging Appliance P-7500 Release Notes*

If the information in the latest *TIBCO Messaging Appliance P-7500 Release Notes* differs from the information in this document, always follow the release notes.

Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use <code>MyCommand</code> to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none">• In procedures, to indicate what a user types. For example: Type admin.• In large code samples, to indicate the parts of the sample that are of particular interest.• In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, <code>MyCommand</code> is enabled: <code>MyCommand [enable disable]</code>
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <ul style="list-style-type: none">• To indicate a document title. For example: See <i>TIBCO BusinessWorks Concepts</i>.• To introduce new terms For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal.• To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand <i>pathname</i></code>
Key combinations	<p>Key name separated by a plus sign indicate keys pressed simultaneously. For example: <code>Ctrl+C</code>.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: <code>Esc, Ctrl+Q</code>.</p>

Table 2 Syntax Typographical Conventions

Convention	Use
[]	<p>An optional item in a command or code syntax.</p> <p>For example:</p> <pre>MyCommand [optional_parameter] required_parameter</pre>
	<p>A logical 'OR' that separates multiple items of which only one may be chosen.</p> <p>For example, you can select only one of the following parameters:</p> <pre>MyCommand para1 param2 param3</pre>
{ }	<p>A logical group of items in a command. Other syntax notations may appear within each logical group.</p> <p>For example, the following command requires two parameters, which can be either the pair param1 and param2, or the pair param3 and param4.</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command requires two parameters. The first parameter can be either param1 or param2 and the second can be either param3 or param4:</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command can accept either two or three parameters. The first parameter must be param1. You can optionally include param2 as the second parameter. And the last parameter is either param3 or param4.</p> <pre>MyCommand param1 [param2] {param3 param4}</pre>

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, please contact TIBCO Support as follows.

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.

Uninstaller Instructions

These instructions describe the steps for uninstalling the TIBCO Messaging Appliance P-7500. Refer to the Equipment Return Guidelines for instructions on how to return your TIBCO equipment. These guidelines can be found at: http://www.tibco.com/resources/equipment_return_guidelines.pdf.

The following tools and equipment are recommended to uninstall a P-7500:

- protective footwear
- no. 2 Phillips screwdriver



WARNING

WARNING! Allow only trained and qualified service personnel to uninstall P-7500 equipment.

Power Down and Disconnect

1. The TIBCO Messaging Appliance must be powered down before it can be removed from the rack.
 - a. Use the enable command to enter the Privileged EXEC level of the CLI.
 - b. Use the power-down command to turn off power to the P-7500, on a system by system basis.
 - c. Unplug the A/C power cords
2. Disconnect all network cables

3. Remove the Faceplate



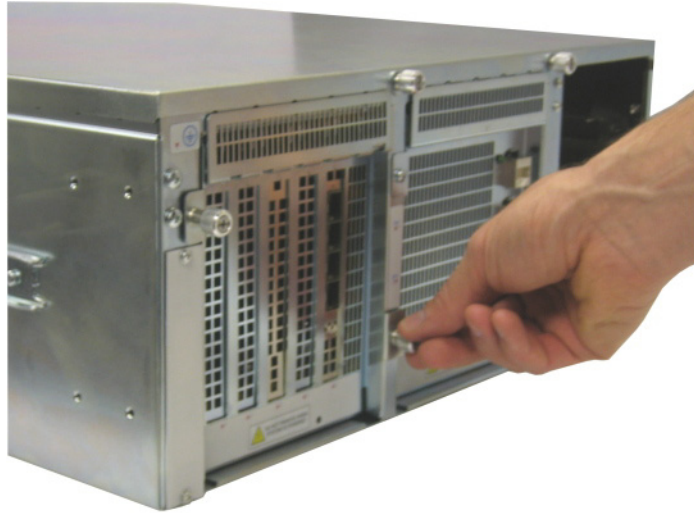
4. Remove the Fan Tray



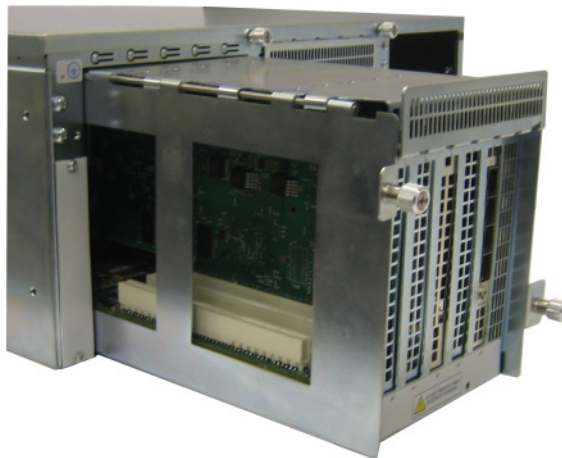
The fan tray is secured by four thumbscrews (hand tightened). Loosen the thumbscrews and pull firmly to disengage the male power connector from the female chassis connector.

Remove the TRB from the Fabric Expansion Cage

1. Loosen the two captive thumbscrews in the upper left and lower right corner of the fabric expansion cage (FEC) to release it from the chassis.

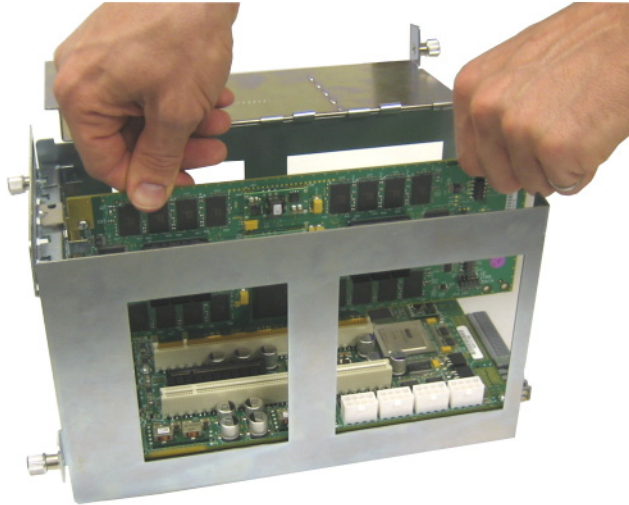


2. Slide the FEC outward until its male power connector disengages from the female chassis connector at the rear of the fabric housing opening.



3. Open the FEC to remove the blades. Looking from the rear of the FEC, loosen the thumbscrew in the upper left hand corner, then pull back slightly on the top lid and flip it over to the right.

4. Carefully pull the TRB out of the backplane connector.



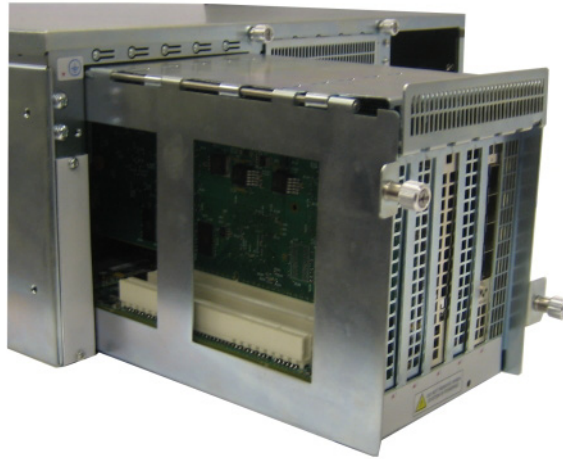
5. Place the TRB in the antistatic packaging.

Remove the NAB from the Fabric Expansion Cage

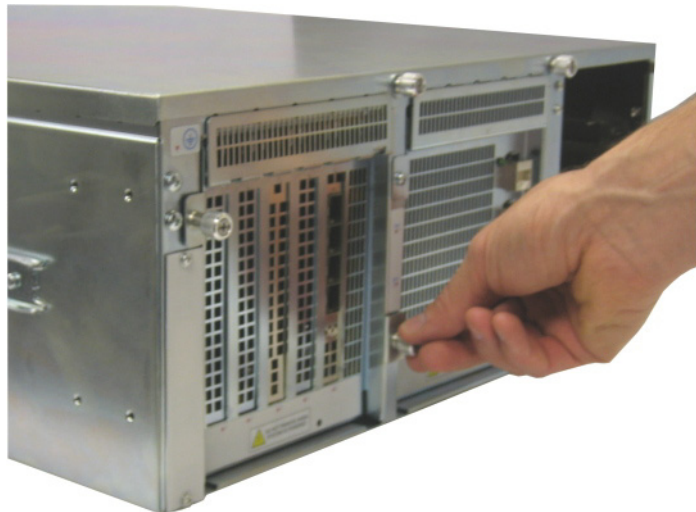
1. Carefully pull the NAB until it slides out of the backplane connector.
2. Place the NAB in the antistatic packaging.

Reinstall the FEC in the Chassis

1. Position and align the FEC within the fabric housing opening at the rear of the chassis.



2. Slide the FEC inward and press firmly until its male power connector engages with the female chassis connector at the rear of the fabric housing opening.
3. Hand-tighten the two captive thumbscrews in the upper left and lower right corner of the FEC to seat it firmly against the chassis.



Remove the Chassis from the Rack



CAUTION

CAUTION! Due to the size and weight of the P-7500, never attempt to uninstall the system from the rack alone.



WARNING

WARNING! Never pull more than one component out of the rack on its slide assemblies at one time. The weight of more than one extended component could cause the rack to tip over and injure someone.

1. Remove screws in front of the mounting-bracket flanges used to secure the system to the rack.
2. Hold the mounting brackets and slowly pull the slide assemblies until the system stops.
3. Push the locking clips holding the unit in the slide assemblies and lift the system from the slides.
4. Push the two interior slide assemblies back into the rack.
5. Remove the slide assemblies from each side of the rack.

The uninstallation process is complete.



IMPORTANT! You must complete an Equipment Report for each unit you are returning to TIBCO Software Inc. The form can be downloaded from:
http://www.tibco.com/resources/equipment_report.pdf.