



**BreezeACCESS<sup>®</sup> VL and  
BreezeNET<sup>®</sup> B**

Getting and Loading  
Feature Licenses

April 2005  
P/N: 214070


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# Getting and Loading Feature Licenses

## Scope

This document describes the procedures for getting feature license strings for BreezeACCESS VL and BreezeNET B products and for loading feature license strings to the applicable devices. Licenses are available via the License Feature Application in the Alvarion web site.

The following procedures are described:

- [Getting Feature License Strings](#)
- [Loading License Strings to Devices](#)

## Getting Feature License Strings

Certain features of BreezeACCESS VL and BreezeNET B products may be upgraded through loading special feature license strings. Once you receive the invoice for new license(s) purchased, use the Alvarion web site for getting license strings for specific products.

Currently available upgrade options include:

<b>P/N</b>	<b>Product Line</b>	<b>Description</b>
NA*	BreezeACCESS VL	Upgrade an SU-24-BD (24Mbps gross rate) to SU-54-BD (54Mbps gross rate)
858177	BreezeACCESS VL	Upgrade an SU-6-1D/BD (6Mbps gross rate) to SU-54-BD (54Mbps gross rate)
858548	BreezeACCESS VL	Upgrade an AUS to a regular AU
858259**	BreezeNET B	BU-B14 to BU-B28 upgrade
858260**	BreezeNET B	RB-B14 to RB-B28 upgrade

\* The upgrade from SU-24 to SU-54 is provided free of charge. A bulk of such licenses is provided automatically to all existing customers. There is no need for a purchase order for this upgrade option: go directly to the Alvarion web site and proceed with the upgrade process as described in the following section. Should you need additional SU-24 to SU-54 licenses, please contact Alvarion Customer Service.

\*\* Note that to upgrade a BreezeNET B link from B14 to B28 you need two licenses – one for the BU and another one for the RB.



**To access the Feature License Application:**

1. In the Alvarion web site ([www.alvarion.com](http://www.alvarion.com)), select the Customer Service option.
2. In the Customer Service page, select the Service Call Entry option.
3. In the User Login form, enter your User ID and Password and click Login.
4. Select SSM - Customer Service Area.
5. Select the Feature License option.

The Get Feature License Key form with the current status of your license(s) is displayed:

**Get Feature License Key**

Customer Name: ALVARION DE MEXICO (NOT USE)      Contact Name: eyalba

Available Features							
Check*	Order	Order Line	Invoice	Product Line	Feature	Qty Ordered	Qty Available
<input type="checkbox"/>		0		BreezeACCESS VL	SU 24Mb to 54Mb	1000	1000
<input type="checkbox"/>		0		BreezeACCESS VL	SU 6Mb to 54Mb	20	20
<input type="checkbox"/>		0		BreezeNET B	Upg BU-B14 to BU-B28	10	10
<input type="checkbox"/>		0		BreezeNET B	Upg RB-B14 to RB-B28	10	10

Buttons: Get License      Upload MAC Address List from Excel      License Key Inquiry



**To get details on the updated status of your licenses:**

Click on the License Key Enquiry button to get the updated status of your licenses:

Feature	MAC Address	Key	Order	Order Line	Invoice	Date	Userid
upg rate from 6M to 24M	001717171717	153366DE67D783D13A00FB081951E8867C12E76B849DE59FC91D9BEEC581E7	0			26/10/03	eyaba
upg rate from 6M to 24M	001515151515	BDCB86EBCB4DE73F0577636ECB210AF35E0FBA9EE6765832E05943387754EF2	0			26/10/03	eyaba
upg rate from 6M to 24M	001111111111	BE0E51AF03153E25E96B7A8D683442D4FCA03893636D2DAF9821FA32F5006	0			26/10/03	eyaba
upg rate from 6M to 24M	001313131313	5E23718B7155DB866DB28CB08AA1FC6E11AC45A4C9AE9A749083EECE70F37F	0			26/10/03	eyaba
upg rate from 6M to 24M	001818181818	F864C77913886692A2F86733D64798D14028436D64D1543ED77B499B4C2BAF	0			26/10/03	eyaba
upg rate from 6M to 24M	000101010101	AAD01498F22A61EE6480105F193FB9CD2B3995134E39A1C69C6E35433EC5EE	0			20/11/03	eyaba
upg rate from 6M to 24M	0011111111717	1033EFFEF6067C1515A6203425FDE171F19C55CC00F91F1160FFF622167A77B	0			20/11/03	eyaba
upg rate from 6M to 24M	001212121218	DB6AEA57261C801D925A3F98C9D68311E628DE13146D48039C12D9CAC0A8F5	0			20/11/03	eyaba
upg rate from 6M to 24M	001515151514	9A8FD1C3C13AA4FB1D0652791152A294D09FA234EF49F7A7668387C2CC3C4	0			20/11/03	eyaba
unn rate							

The displayed information includes account history with details on all license strings that were provided.



**To get a License Key for a single device:**

1. Check the required feature license and click on the Get Key button. The Enter MAC Address form will be displayed:

Enter MAC Address

MAC Address [ : : : : ]

License Key [ ]

Get Key

2. Enter the MAC Address of the device you want to upgrade.
3. Click on the Get Key button.

The License Key for the device will be displayed.

**NOTE**



An error message will be displayed upon requesting a key for a non-valid MAC address.



**To get License Keys for multiple devices:**

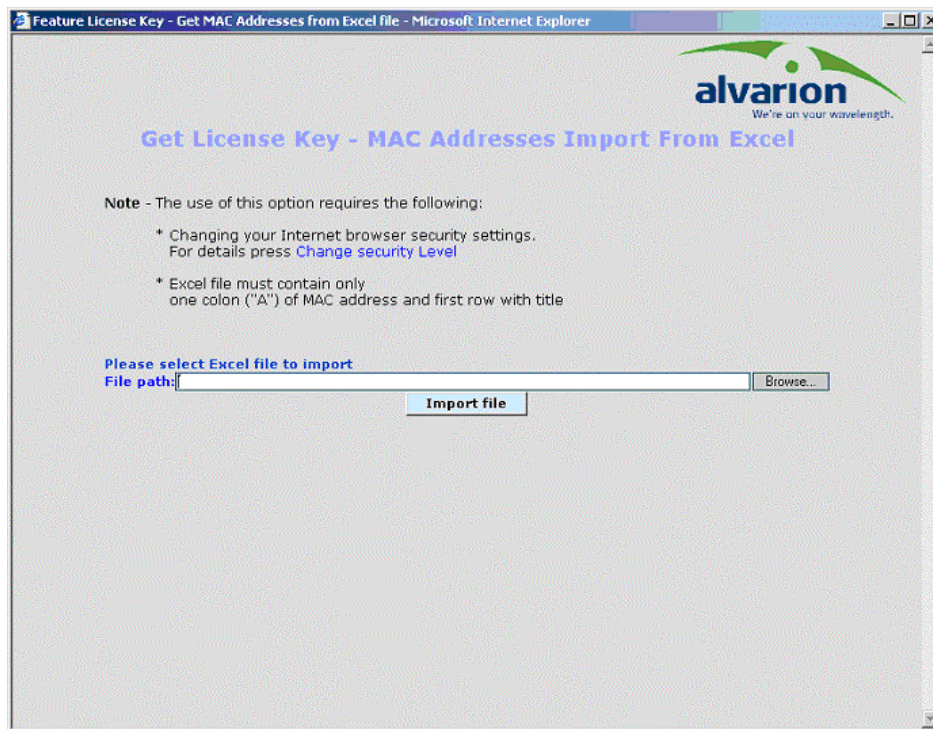
This feature enables you to load a list of MAC Addresses from a pre-prepared Excel file.

**NOTE**



The Excel file should contain a single column of MAC addresses (no empty cells). This must be column A, starting at row 1, which is the title row.

1. Check the required feature license and click on Upload MAC Address List from Excel button. The Get MAC Addresses from Excel File form will be displayed:



**NOTE**



You may need to change your Browser security settings. For details press the Change Security Level link in the form.

2. Use the browser or enter the path to the Excel file holding the MAC Addresses. Enter the MAC Address of the device you want to upgrade.
3. Click on the Import File button to get a list of License Keys for the devices included in the Excel file.

**NOTE**

An error message will be displayed upon requesting a key for a non-valid MAC address.

## Loading License Strings to Devices



### To upgrade a single device:

There are several options to load a feature license string to a single device:

- **Using Telnet:** Use the Feature Upgrade option in the Unit Control menu. Refer to the System Manual for more details.
- **Using TFTP:** Use the file with the extension “.fln” for feature license strings. Refer to Appendix B (File Upload and Download Using TFTP) in the System Manual for more details.
- **Using BreezeCONFIG:** Enter the license string in the Feature Upgrade field of the Unit Control window. Refer to the BreezeCONFIG User’s Guide for more details.



### To upgrade multiple devices using a feature licenses file:

- **Using TFTP:** Use the file with the extension “.fln” for feature license strings. Refer to Appendix B (File Upload and Download Using TFTP) in the System Manual for more details. Note that Feature license files include multiple strings, where each string is applicable only for a certain unit identified by its MAC address. When uploading a feature license or a country code file to multiple units, each unit will accept only the parts that are applicable for it.
- **Using BreezeCONFIG:** Use the File Loading Utility. Refer to the BreezeCONFIG User’s Guide for more details.

#### NOTE



After completing the license string loading process, reset the unit(s) to apply the change. Use the Info Screens menu (Show Unit Status) to verify that the unit has been upgraded.