BreezeACCESS Family: Getting and Loading Feature Licenses

User Guide

December 2009
Rev. I
P/N 215457

Document History

Topic	Description	Date Issued
Available Licenses	Details on license to upgrade SU-24 to SU-54 and on licenses to upgrade B14 unit running SW Version 3.1 or lower to B28 have been removed (obsolete). Four new upgrade licenses has been added: ■ 858585 ■ 858586 ■ 858588 ■ 858597	November 2007
Upgrade Using Telnet	Added note on potential copy/paste problems	November 2007
Updated descriptions	Licenses 858177, 858589 and 858597 are not applicable for units operating in the 900 MHz band	April 2008
New License	New license that is applicable only for units operating in the 900 MHz band: 858178	April 2008
License Loading Procedure	Updated to reflect support by AlvariSTAR and AlvariCRAFT.	June 2008
Removed License	Removed FIPS 197 license	October 2008
New Licenses	Added the following upgrade licenses: ■ 858135 ■ 858145 ■ 858136 ■ 858137 ■ 858138 ■ 858146	April 2009
Removed License	Removed WLP license	April 2009

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Disposal of Electronic and Electrical Waste

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1. Scope

This document describes the procedures for getting feature license strings for BreezeACCESS VL, BreezeACCESS 4900 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" on page 1
- "Loading License Strings to Devices" on page 7

2. Getting Feature License Strings

Certain features of BreezeACCESS VL, BreezeACCESS 4900 and BreezeNET B products may be upgraded by loading special feature license strings. After receiving the invoice for the newly purchased license(s), use the Alvarion web site to receive license strings for specific products.

Currently available upgrade options include:

P/N	Product Line	Description
858182	BreezeACCESS VL	Upgrade SU-1-BD to SU-3-BD
858135	BreezeACCESS VL	Upgrade SU-3-BD to SU-V-BD
858100	BreezeACCESS VL	Upgrade SU-6-BD to SU-V-BD
858177	BreezeACCESS VL	Upgrade SU-6-1D/BD to SU-54-BD (not applicable for units in the 900 MHz band)
858178	BreezeACCESS VL (900 MHz units only)	Upgrade SU-3-BD to SU-8 (applicable only for units in the 900 MHz band)
858548	BreezeACCESS VL	Upgrade AUS to AU
858589	BreezeACCESS VL	Upgrade SU-3-1D to SU-6-BD (not applicable for units in the 900 MHz band)
858591	BreezeACCESS 4900	Wireless Link Prioritization (for AU)
858597	BreezeACCESS VL, BreezeACCESS 4900	SU-54 Support for AUS (not applicable for units in the 900 MHz band)
858145	BreezeACCESS VL	Upgrade SU-V-BD to SU-54-BD (not applicable for units in the 900 MHz band)
858136	BreezeACCESS VL	Upgrade SU-3-L to SU-6-L
858137	BreezeACCESS VL	Upgrade SU-6-L to SU-12-L

P/N	Product Line	Description
858138	BreezeACCESS VL	Upgrade SU-3-L to SU-12-L
858582*	BreezeNET B	FIPS-197 Support for BU-B100
858583	BreezeNET B	Upgrade BU/RB –B14 to BU/RB-B28 (SW version 4.0 and higher)
858585*	BreezeNET B	FIPS-197 Support for BU-B14 (Applicable only for units with HW Revision C and higher)
858586*	BreezeNET B	FIPS-197 Support for BU-B28 (Applicable only for units with HW Revision C and higher)
858588**	BreezeNET B	Upgrade BU/RB –B28 to BU/RB-B100 (SW version 4.0 and higher. Applicable only for units with HW Revision C and higher)
858146	BreezeNET B	Upgrade BU/RB –B14 to BU/RB-B100 (SW version 4.0 and higher. Applicable only for units with HW Revision C and higher)
858598	BreezeACCESS EZ/VL	Upgrade AU EZ units to AU VL



NOTE

Some of the upgrade packages may not be available in certain regions.

* The license for FIPS-197 support needs to be loaded only to BU. Note that after loading the license you change the unit type at both sides of the link, you need to load a new license to the unit that is now the BU.

** To upgrade BU/RB-B14 to BU-RB-B100 (applicable only to units with HW Revision C and higher using SW Version 4.0 and higher), you need first to upgrade the units to B28 (license P/N 858583) and after that upgrade them to B100 (license P/N 858588).



To access the Feature License Application:

1. In the Alvarion web site(www.alvarion.com), select the Customer Support option (either N. America Customer Support or International Customer Support)
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 Generator option. The Feature License general screen is displayed:

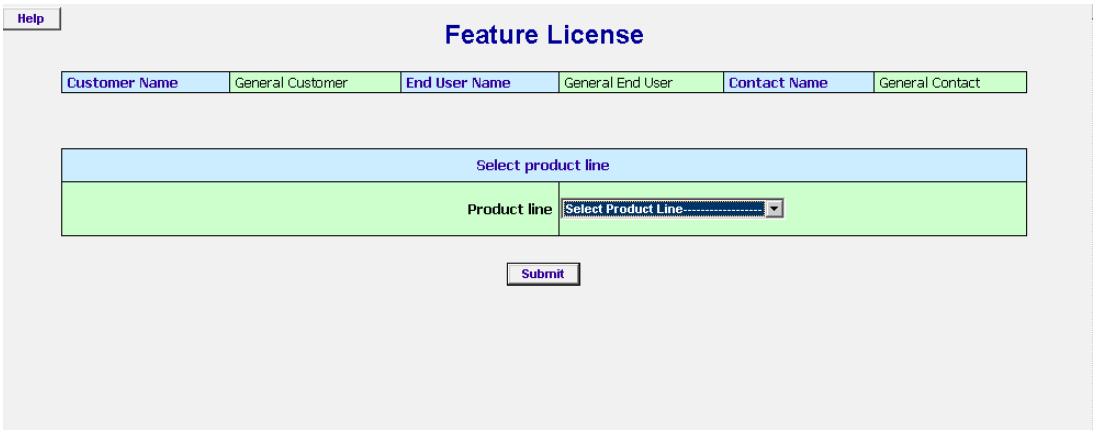


Figure 1: Feature License General Screen

The Feature License general screen displays the general parameters of the logged-in user (Customer Name, End User Name, Contact Name).

6 The Feature License Generator supports multiple product lines. From the Select product line drop down menu, select the required option (BreezeACCESS VL, BreezeACCESS 4900 or BreezeNET B), and click on the Submit button.

The Feature License screen for the selected product line, with the current status of your license(s) for this product line, is displayed:

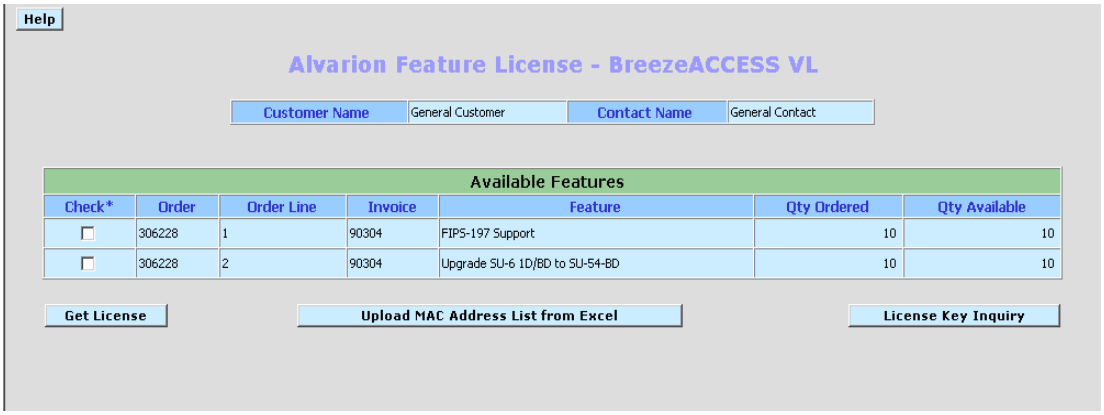


Figure 2: Feature License for Selected Product Line

To receive details on the updated status of your licenses:

1 Click on the License Key Inquiry button to receive the updated status of your licenses:

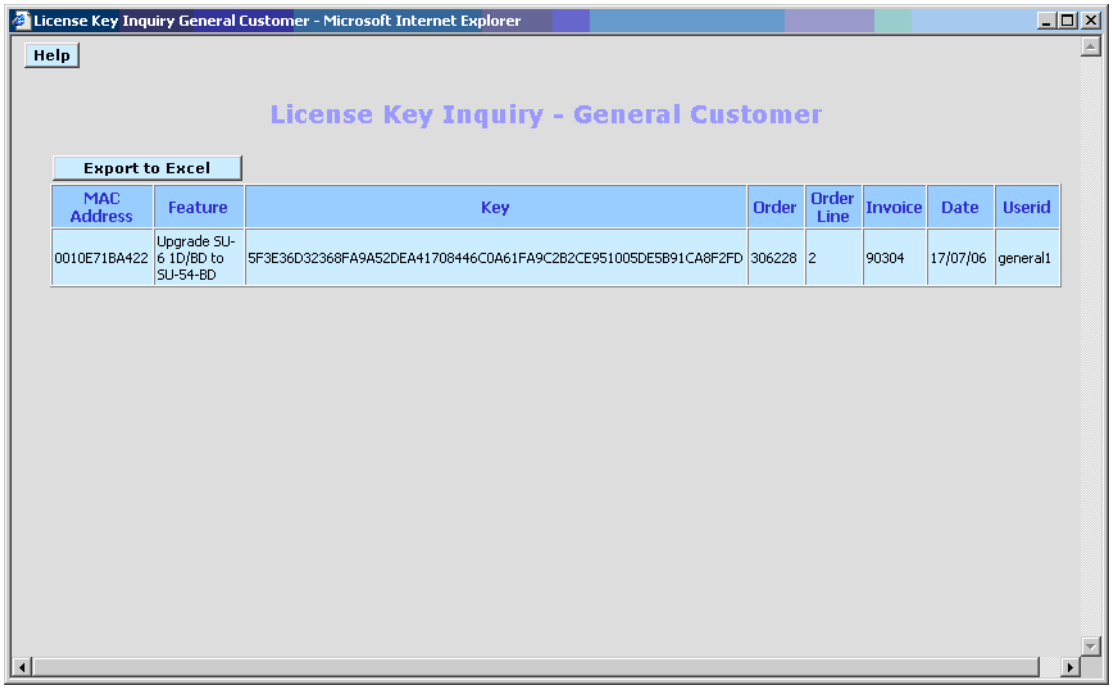


Figure 3: Updated License Status

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

2 Click on the Export to Excel button to export the licenses status to an Excel file.

To get a License Key for a single device:

1 Check the required feature license and click on the Get License button. The Enter MAC Address form is displayed:

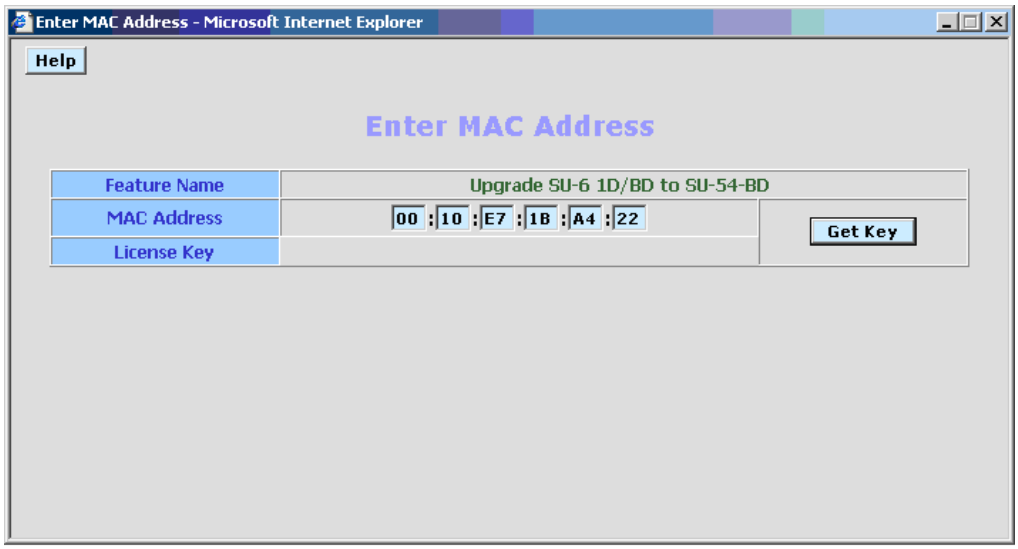


Figure 4: The Enter MAC Address Form

2 Enter the MAC Address of the device you want to upgrade.

3 Click on the Get Key button.

4 The License Key for the device is displayed.

NOTE

An error message is displayed upon requesting a key for a non-valid MAC Address.

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

To get License Keys for multiple devices:

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

1 Check the required feature license and click on the Upload MAC Address List from Excel button. The Get License Key - MAC Addresses Import From Excel form is displayed:

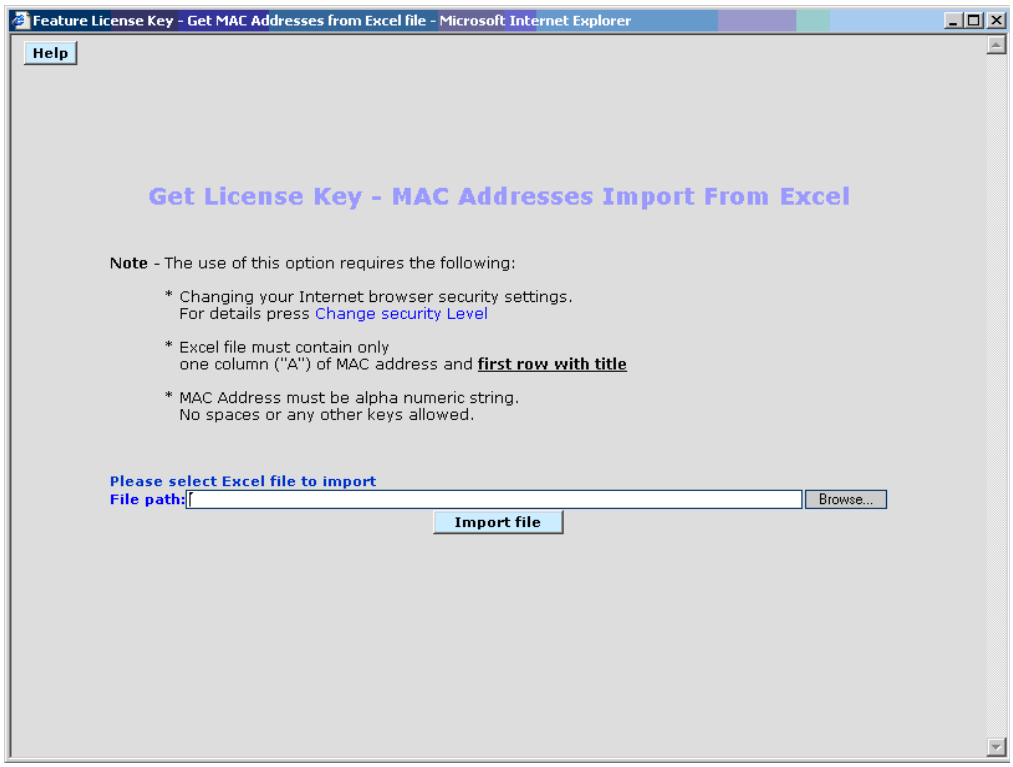


Figure 5: The Get Licence Key-MAC Addresses Import From Excel Form

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 of the devices you want to upgrade.

NOTE

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

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 is displayed upon requesting a key for a non-valid MAC Address.

3. Loading License Strings to Devices

To upgrade a single device:

The following options are available for loading 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.

NOTE

If you are entering the license string using copy and paste operation, check carefully that the string is copied properly. You may have to enter it manually due to potential problems in performing copy and paste in Telnet.

- 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 AlvariCRAFT or AlvariSTAR: Enter the license string in the Feature License String field of the Unit Control page. Refer to the relevant User's Guide for more details.

To upgrade multiple devices using TFTP with a feature licenses file:

Use the file with the extension ".fln" for feature license strings. Refer to Appendix B (File Upload and Download Using TFTP) in the relevant 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 to it.

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.