

# BreezeCONFIG ACCESS

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Configuration Utility for BreezeACCESS GFSK Version 4.5

## Release Note

**P/N: 213856**

## Introduction

Alvarion is pleased to announce the release of version 4.5 of **BreezeCONFIG ACCESS**, the *BreezeACCESS GFSK series Configuration Utility*. The BreezeCONFIG ACCESS is a Windows based application that has been developed for the configuration of the BreezeACCESS GFSK product family, all models of the AU, GU and SU, providing ability to monitor and configure the devices through the network. This utility simplifies the installation and maintenance of large installations by enabling the change of settings or upgrading firmware of whole networks with the click of one button.

### 1. Main Features

- Setting the unit's IP address via the network by means of MAC address.
- SNMP based application.
- Runs on a standard PC with no network management station platform (NMS) required.
- Provides easy and user-friendly interface.
- Automatic discovery of BreezeACCESS GFSK products in the network.
- Built-in TFTP application to enable upgrading of firmware.
- Ability to configure / upgrade multiple units at once.

## 2. Configuration Utility Options

There are several options you can choose that determine the Configuration Utility operation mode; these options are chosen via the Options menu in the management utility main window (shown above).

- *Unit Configuration* - this is the default mode; used for setting parameters of single units.
- *Firmware Upgrade* - allows upgrading the embedded software in managed units.
- *Multiple Configuration* - allows updating configuration parameters to multiple units simultaneously.

## 3. New features

- Supports BreezeACCESS GFSK Firmware versions up to and including version 4.5. Version 4.5 is currently applicable to AUs and SUs in the 900 and 2.4 GHz bands.
- Proxy Set IP for setting IP parameters in remote SUs (behind a router).
- HDM Mode supporting auto-learning by the SU of hopping parameters used by the AU. Available in BreezeACCESS 900 units and in BreezeACCESS 2.4 units using FCC hopping standard.
- Wireless media security parameters: Encryption Seed and Encryption Polynom Index.
- Ethernet Port Operational Status display.
- Supports Broadcast/multicast Limiter parameters to limit the number of broadcast and/or multicast packets that can be transmitted per second. Supports also the Ethernet Broadcast Limiter Dropped Packets trap.
- Supports Adaptive Thresholds algorithm parameters to achieve maximal interference rejection in the SU.

- MAC pinpoint table in the AU, allowing to find out the SU/AU that is used by a certain Ethernet station to access to the wireless network.
- Maximum Numbers for Reset Decision, enabling to configure the parameters that affect reset decision in the SU when there are synchronization or association problems. Aimed mainly to avoid excessive resets in mobile units while roaming among cells.

#### 4. Supported devices

All BreezeACCESS II, 900, XL, V and MMDS products from firmware version 3.0 and up (Version 4.5 is used in BreezeACCESS II & 900 only).

#### 5. Important Notes

- Firmware upgrade of more than one device should be done on SUs first and then on AUs and GUs.
- In Multiple Unit Configuration mode of operation, the application shows parameters of all possible parameters regardless of their presence in a specific device. It is up to the technician to correctly select the relevant parameters. In case a parameter is entered and a specific device does not support it, the new configuration to this device will not be performed and an error message will be shown.
- **When working with BreezeCONFIG ACCESS, the Windows display settings should be set to “Small Fonts” and monitor resolution should be set to a value of 1024 x 768 pixels or above.**
- When working in Multiple Configuration mode, performing configuration changes to tabular parameters is possible only on devices from firmware version 4.0.

## 6. Known Bugs

- Unable to enter a 'null' value for "Unit Name" and "Location" parameters. If such a value is desired, then put <space> instead.

## 7. System requirements

- Pentium III PC.
- Windows 98/2000
- 64MB RAM
- 50M free disk space.
- Display resolution of 1024 x 768 Pixels or higher.

## 8. Obtaining the Configuration Utility

The product, *BreezeCONFIG ACCESS*, is available on the Alvarion web site along with an electronic version of the manual. The package including both items is obtainable from the BreezeACCESS Technical Support area on the Alvarion web site:

<http://www.alvarion.com/support.htm> or <http://www.alvarion-usa.com>