


# Basic settings

Converters basic settings are located in menu **System** 

## Overview

Displays current state of system:



- Average system load in last minute
- Average system load in last 5 minutes
- Average system load in last 15 minutes
- JVM Heap - used memory by application
- System memory - total used memory

Basic commands:

- Application restart
- OS restart
- Shutdown converter

## Configuration of network adapter

Consists of two parts:



- Basic settings
- Advanced settings - direct modification of configuration file



Warning! Wrong network settings can cause converter to be inaccessible. Always check your changes before saving!

## Basic Settings

Allows user to define one or more IP addresses on which will be converter available.


Default Gateway.


List of DNS servers.




IP address in standard IPv4 format with prefix (xxx.xxx.xxx.xxx/nnn).

for example.: address 192.168.0.202 with netmask 255.255.255.0 will be written as

**192.168.0.202/24**



 eates new record

 eletes selected record

 Saves changes Reverts unsaved changes Restarts network adapter  
with newly saved changes

## Advanced settings

Gives user total control of network settings. This option is designed for advanced linux users. Configuration file description is available [here](#).

 Saves changes Reverts unsaved changes

## Configuration management


Provides backup and restore functions for driver configuration files.



## Backup configuration

Backup manager is located in top part of the screen. Here are shown available configurations for export.

Selected configurations will be included in exported file.


 Select all Deselect Generate backup file


## Restore configuration

Restore manager is located in bottom part of the screen.  
Here will be shown configurations contained in backup file after its successful upload to server.  
Then it is possible to select or deselect required configurations to restore.




Application restart is required after restore.

 Uploads selected backup file


 Restores selected configurations


## Time synchronization


Converter contains own backup time clock. If you require exact time, you are required to use NTP  client.





Ak chcete použiť pripojenie cez OpenVpn je potrebné túto časť nakonfigurovať

 Creates new record

 Deletes selected record

 Saves changes

 Reverts unsaved changes

 Restarts NTP client

## OpenVPN

Enables VPN connection by using OpenVPN protocol.

Details about configuration are available [here](#).

In the left side of the screen is located configuration file editor with buttons for uploading certificates.  
In the right side of the screen are located buttons for managing service with displayed service log.



OpenVPN requires correct system time in order to verify certificates.



Uploaded certificate is automatically renamed to match certificate name of pressed upload button.

☐ Saves changes☐ Reverts all unsaved changes☐ Uploads ca.crt☐ Uploads client.crt☐ Uploads client.key☐ Uploads ta.key☐ Enables service autostart☐ Disables service autostart☐ Starts service☐ Stops service

## System updates

System updates can be installed only manually by downloading update file from internet or by manually uploading update file.

You will be prompted if new update is available.

Update will restart application or may even require to restart whole device.

After successful application update you can proceed with modules update.

## Kernel log

Displays message buffer of linux kernel - same as dmesg command.

Permanentný odkaz:

<https://wiki.apli.sk/doku.php?id=en:blacky-system>

