



# Morfeas WEB User Guide Configuration

## 1 License

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## 2 Change History

Jan 20,12022 : Sam Harry Tzavaras – Initial Work.

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### 3 Introduction

This reference guide will introduce utilities of the Morfeas WEB related to configuration of the Morfeas system and the network of host computer.

The “Morfeas WEB” is published under the AGPLv3 or later.

### 4 Morfeas System Loggers

The Morfeas System Loggers utility is made to show information and status of to the Morfeas System’s components.

### 5 Morfeas ISO Channel Linker

### 6 Morfeas System configuration

### 7 Network configuration

The network configuration utility is accessed by the front page of the Morfeas WEB from the button with this ↔ symbol. At figure 1 shown an example of the network configuration utility.

The screenshot shows a web form for network configuration. It has four main sections: 'Machine Identifier' with a 'Hostname' field set to 'Morfeas-test'; 'Ethernet Identifier' with a 'MAC Address' field set to '00:13:95:0B:72:03'; 'Internet Configuration' with a 'Mode' dropdown set to 'Static', a 'Network IP' field set to '10.0.0.230/24', and a 'Gateway' field set to '10.0.0.3'; and 'NTP Configuration' with an 'NTP IP' field set to '192.168.0.201'. At the bottom, there are 'Load Last' and 'Set' buttons.

Figure 1: Morfeas WEB Utility for Network Configuration

At table 1 present the values and purpose of the configuration fields of the utility.

Value	Purpose
Hostname	Name for discovery services (avahi, samba, etc)
MAC Address	Identifier of the Ethernet interface
Mode	Internet address configuration mode (Static, DHCP)
Network IP	IP address and subnet range bits (In static mode only)
Gateway	Gateway’s IP address (In static mode only)
NTP IP	IP address of the local network time protocol server
SDAQNet(CAN-ifs)	Configuration of the bitrate for each available can-if

Table 1: Network configuration values

The two buttons at the bottom of the utility window(Load last, Set), have purpose to send the current configuration to the device (Set), and reload the last configuration from the device (Load Last).