

Morfeas WEB User Guide  
MDAQ-if/Portal

## 1 License

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## 2 Change History

Feb 14,12022 : Sam Harry Tzavaras – Initial Work.

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### 3 Introduction

The "Morfeas WEB MDAQ if/Portal" is the web user interface of the Morfeas WEB for MDAQ devices. MDAQs are acquisition devices with 8 differential or 16 single ended analog inputs and MODBus-TCP output. The "Morfeas WEB MDAQ if/Portal" works in conjunction with the "Morfeas MDAQ if" which is part of the "Morfeas core".

The "Morfeas WEB MDAQ if/Portal" is published under the AGPLv3 or later.

### 4 Installation

The installation of the MDAQs start by configuring the Morfeas System, by adding a Morfeas\_MDAQ\_if component to the IPv4 address of the MDAQ, together with an identification name for the component. This done from the Morfeas "System Configuration" WEB utility.

### 5 Morfeas WEB MDAQ-if/Portal UI

The "Morfeas WEB MDAQ-if/Portal" can be accessed from the Morfeas WEB front page by the button with the identical label. An example of the "Morfeas WEB MDAQ-if/Portal UI" derived at figure 1. At the top left corner are a drop down menu that can select the MDAQ component under interest, by it's defined name.

The "Morfeas WEB MDAQ-if/Portal UI" split in three sections. The to drop down menu that explained above, the status box, and the measurement table. The status text box show the last update (fetch) date, or the last error that happens. The measurement table on the upper side show the configuration of the component together with the temperature of the MDAQ board and the connection status. The lower part contains that measurements that comes from the MDAQ. Each one channel of the MDAQ provide three values. Each value have different meaning that related to the channel configuration. The channels can be configured only (unfortunately) by a proprietary tool that given my the manufacture.

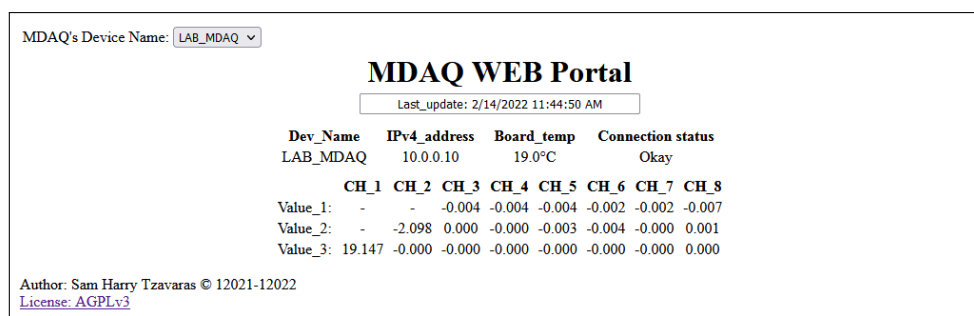


Figure 1: Example of Morfeas WEB MDAQ-if UI