



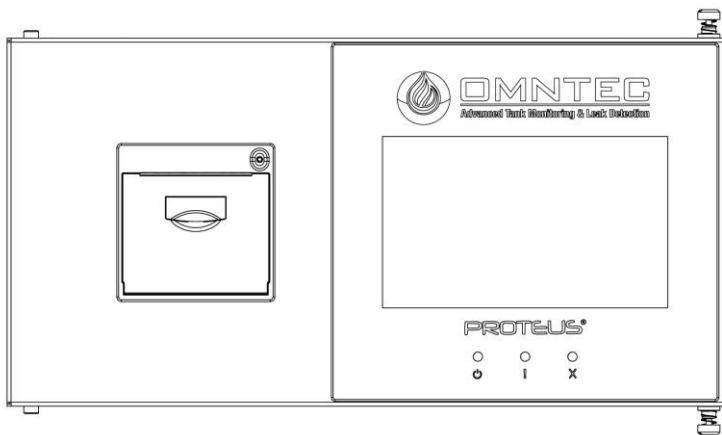
OMNTEC
Advanced Tank Monitoring & Leak Detection



1. Open the camera app
2. Focus the camera on the QR code by gently tapping the code
3. Follow the instructions on the screen to view PDF file

OEL8000III-K | OEL8000III-X

WEB PAGE PROGRAMMING MANUAL



PROTEUS® Series TANK GAUGING SYSTEM GenIV

Revision 2631

Document No. 500211

OMNTEC Mfg., Inc. has been certified
by DQS Inc. to ISO 9001:2015

TABLE OF CONTENTS

SECTION 1 - CONNECTING TO THE WEB PAGE	3
SECTION 2 - INVENTORY	4
SECTION 3 - REPORTS	5
SECTION 4 - ALARMS	6
SECTION 5 - LINE LEAK.....	6
SECTION 6 - INPUTS	7
SECTION 7 - SENSORS	8
SECTION 8 - SYSTEM SETUP MENU AND FEATURES SETTINGS	9

Please note: For PROTEUS Gen IV systems with MCU firmware versions earlier than P2BT, you must perform a firmware upgrade to view all the web server features and functions detailed in this document.

To confirm the exact current firmware version of your PROTEUS controller via the display, go to SYSTEM STATUS MENU > UTILITIES > HELP MENU > VERSION NUMBERS.

The current MCU firmware is also listed at the very bottom of the MAIN MENU web server page.
(See Figure 1.2).

Also note, this document details the many features accessible through the web interface. For actual programming and setup, please refer to the PROTEUS Gen IV System Programming Manual (DOC00008), which includes updating the firmware.

DOC00008 is found at www.omntec.com/support/documents.

The values in the images within this document are examples and may vary in your specific application.

SECTION 1 - CONNECTING TO THE WEB PAGE

Network your PROTEUS to your computer via Ethernet. ***You may need to consult with a network administrator regarding networking the two devices.*** To set a static IP on your PROTEUS controller, go to SYSTEM STATUS MENU > UTILITIES > SETUP MENU > ENTER PASSWORD > NETWORK PROPERTIES. Then, set your computer to a different IP, but on the same IP network.

In your web browser's URL address field (e.g., Internet Explorer, Chrome, Firefox, etc.) type in that static IP address that you set on the PROTEUS controller.

(See Figure 1.1).

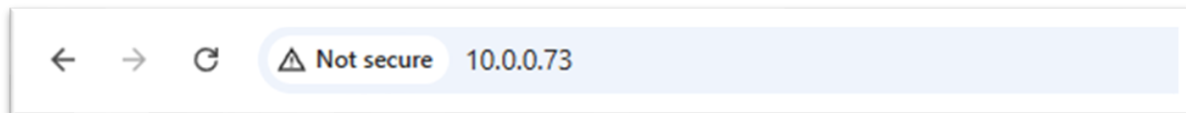


Figure 1.1

Press ENTER or the GO TO arrow (→) to the right of the URL field (depending on your web browser). The PROTEUS web page will open. The **MAIN MENU** page will appear. (See Figure 1.2).

The MAIN MENU displays the six primary navigational icons (**INVENTORY**, **REPORTS**, **ALARMS**, **LINE LEAK**, **INPUTS**, and **SENSORS**). The system status appears in the upper right, either GREEN (NORMAL) or RED (ALARM). To the right of that is the SETUP icon (gear wheel ). Clicking on the gear wheel will prompt you to login.

Below the navigational icons, you will find the system serial (EL) number, programmed printer header details, and the system software firmware version.



Figure 1.2

SECTION 2 - INVENTORY

Press the **INVENTORY** button from the **MAIN MENU**. This displays the **TANK INVENTORY** page. (See Figure 2.1).

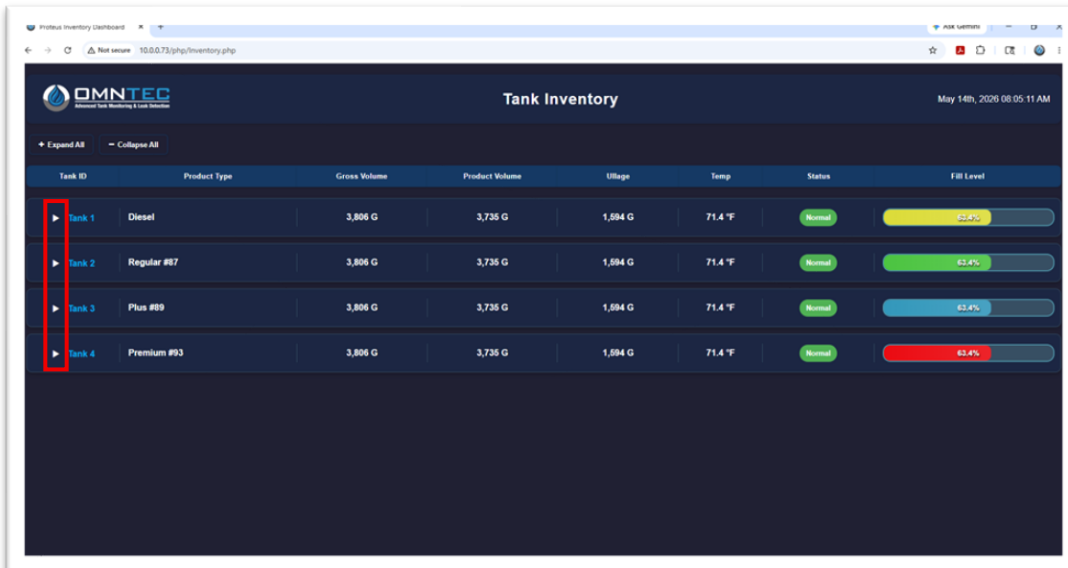


Figure 2.1

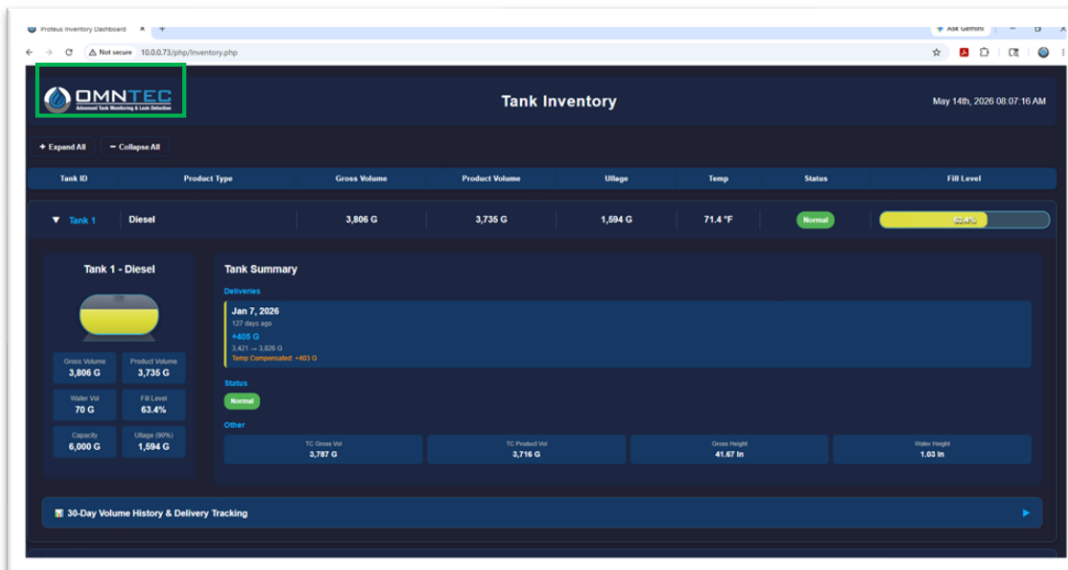


Figure 2.2

Press the **DRILL DOWN** arrows (see Figure 2.1; left side, red box) to view more details of each tank. (See Figure 2.2).

Please note: On any page, clicking on the OMNTEC logo on the upper-left (Figure 2.2; green box) will bring you back to the MAIN MENU and the navigational icons.

SECTION 3 - REPORTS

Press the **REPORTS** button from the **MAIN MENU**. This displays the **SYSTEM REPORTS** page. (See Figure 3.1).

The left-side margin offers several different report categories (**red box**). Clicking on the drill down arrow, next to that report category, will allow sub categories to view (Figure 3.2; **green box**). From within any of the **ALARMS**, **INVENTORY**, **DELIVERY**, or **ENVIRONMENTAL** reports, you can print that page or export the data (log data stored on the ATG's microSD card) to a CSV file that you can save to your local computer drive. **DIAGNOSTICS** sub categories will allow you to only copy the log data.

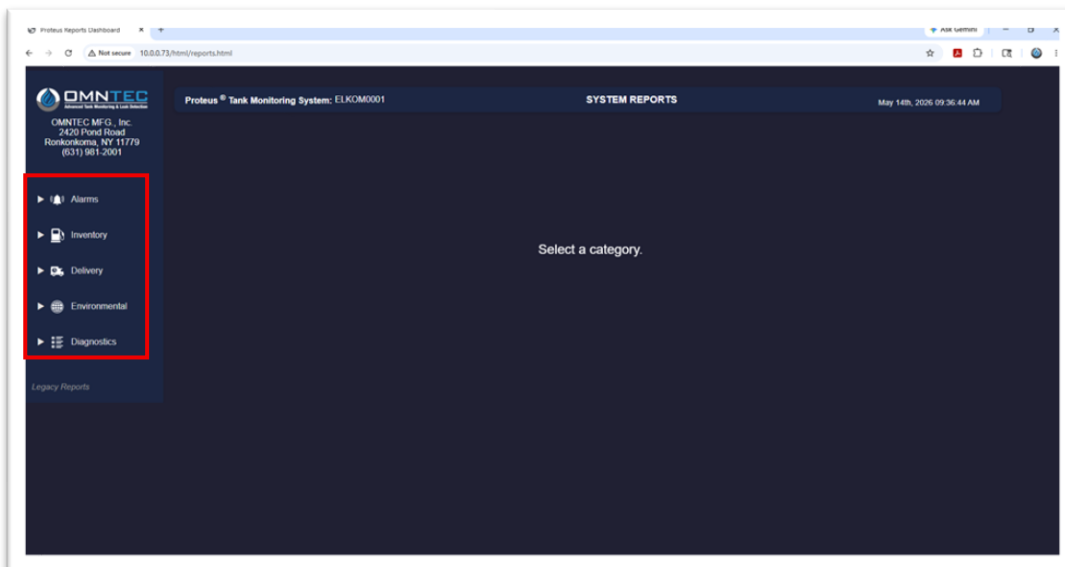


Figure 3.1

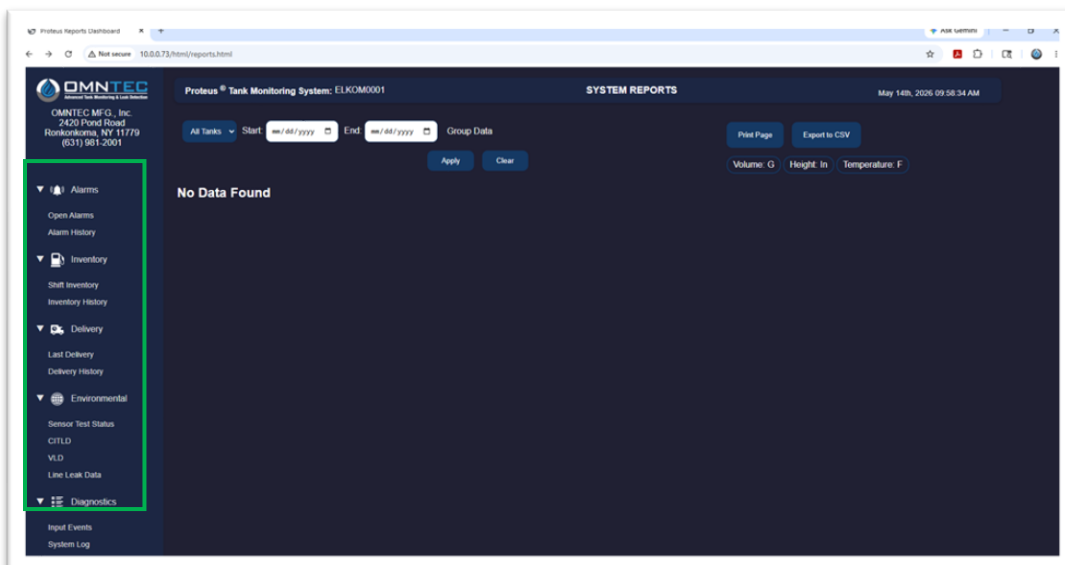


Figure 3.2

SECTION 4 - ALARMS

Press the **ALARMS** button from the **MAIN MENU**. This displays the existing **CURRENT ALARMS**. (See Figure 4.1).



Log #	Category	Board/Sensor/Tank/Line Details	Alarm/Warning
1	Tank	T1 Diesel	Over Fill Alarm
2	Tank	T1 Diesel	High Product Alarm
3	Tank	T2 Regular #87	Over Fill Alarm
4	Tank	T2 Regular #87	High Product Alarm
5	Tank	T3 Plus #89	Over Fill Alarm
6	Tank	T3 Plus #89	High Product Alarm
7	Tank	T4 Premium #93	Over Fill Alarm
8	Tank	T4 Premium #93	High Product Alarm

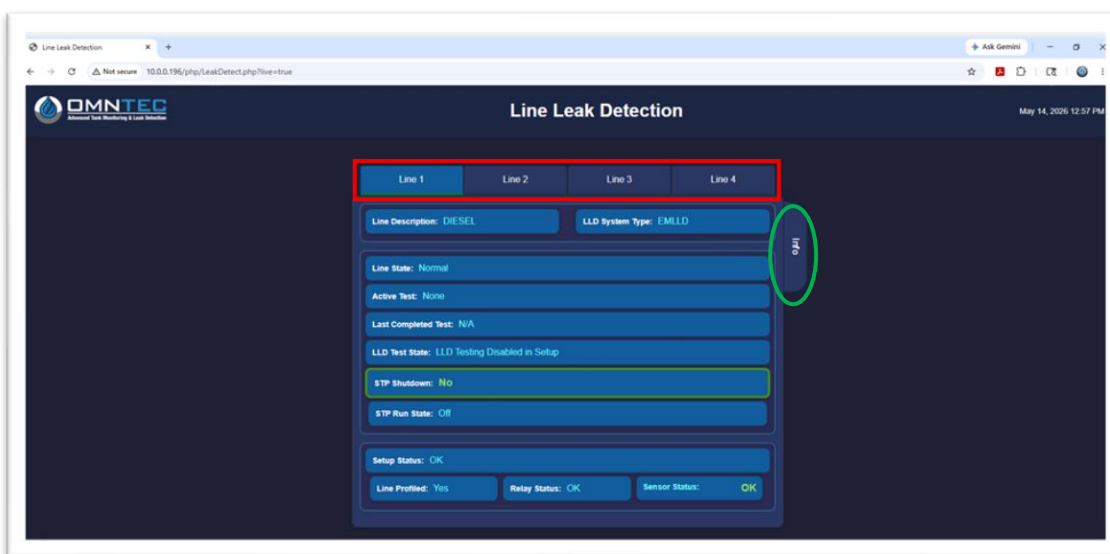
Figure 4.1

SECTION 5 - LINE LEAK

Press the **LINE LEAK** button from the **MAIN MENU**. This displays the **LINE LEAK DETECTION** page. (See Figure 5.1).

This page will display relevant EMLLD (Electro-Mechanical) or ELLD (Pressure) Line Link Detection settings from the PROTEUS (if applicable to your system). Each **LINE** tab (red box) will show details of that line providing that line is wired and active. The vertical **INFO** tab to the right (green oval) will bring up a **DIAGNOSTIC INFORMATION** window, displaying relevant details if available.

For more details on programming Line Leak Detection on a PROTEUS Gen IV, please refer to the PROTEUS Gen IV System Programming Manual (DOC00008). DOC00008 is found at www.omntec.com/support/documents.



Line 1 Line 2 Line 3 Line 4

Line Description: DIESEL LLD System Type: EMLLD

Line State: Normal

Active Test: None

Last Completed Test: N/A

LLD Test State: LLD Testing Disabled in Setup

STP Shutdown: No

STP Run State: Off

Setup Status: OK

Line Profiled: Yes Relay Status: OK Sensor Status: OK

INFO

Figure 5.1

SECTION 6 - INPUTS

Press the **INPUTS** button from the **MAIN MENU**. This displays the **INPUT STATUS**.
(See Figure 6.1).

The **INPUT STATUS** page will display the status of the ATG's inputs. Only inputs with mode set to "INPUT" and enabled will appear. An input's ON or OFF message will display as programmed. If an input is activated (ON), the graphic will blink green.

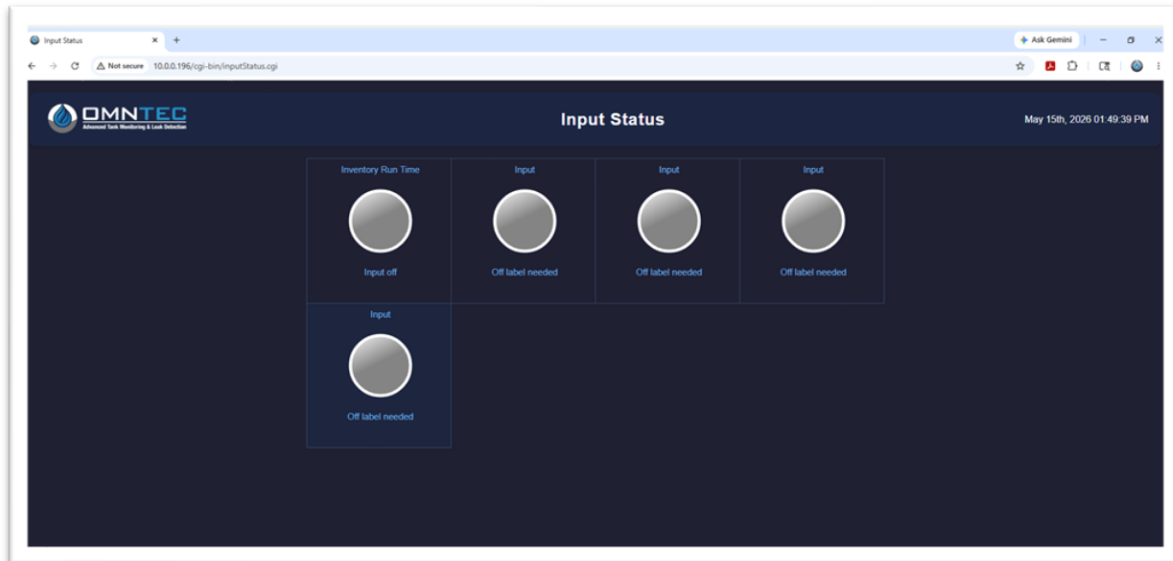


Figure 6.1

SECTION 7 - SENSORS

Press the **SENSORS** button from the **MAIN MENU**. This displays the **SENSOR STATUS**.
(See Figure 7.1).

The **SENSOR STATUS** page will display the status of all the BX-Series sensors associated with this PROTEUS system. This shows the BX sensor model, the controller-assigned sensor number, the programmed sensor label, and the sensor state. Sensor graphic icons will appear green if that sensor is currently in a NORMAL (no alarm) state. Sensor graphic icons will blink red if that sensor is in any type of alarm state and will display what that alarm is.



Figure 7.1

SECTION 8 - SYSTEM SETUP MENU AND FEATURES SETTINGS

From the **MAIN MENU** page (see Figure 1.2), pressing on the gear wheel icon  in the upper-right corner of the page will prompt you for a username and password to access **SYSTEM SETTINGS**. (See Figure 8.1)

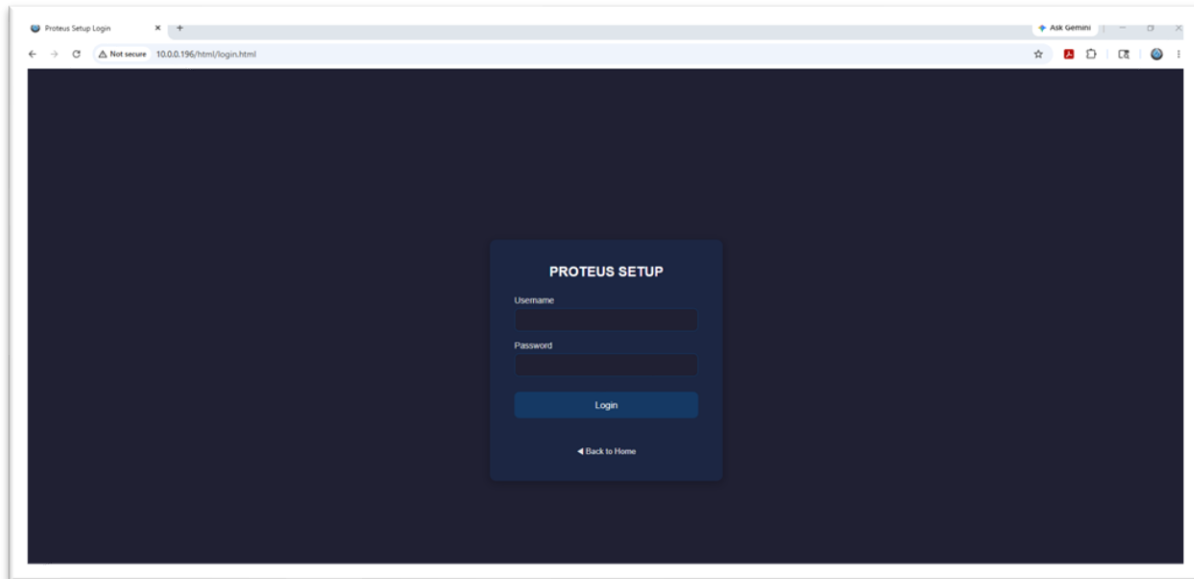


Figure 8.1

LOGIN

- Type in **admin** for the USERNAME (case-sensitive; use lower-case only).
- Type in the ATG's PASSWORD (the same password used to enter setup at the PROTEUS ATG).
- Press the login button (or **ENTER** on your keyboard) to access the **SYSTEM SETTINGS** page. (See Figure 8.2).

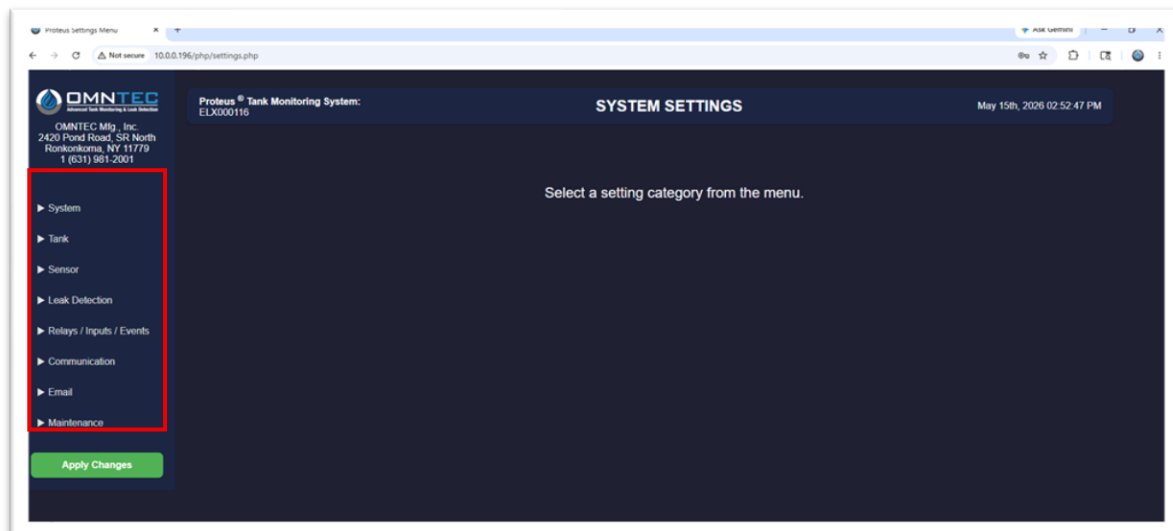


Figure 8.2

OEL8000III Series**WEB PAGE PROGRAMMING MANUAL**

The left-side margin offers several different **SYSTEM SETTINGS** categories.
(Figure 8.2; red box).

Clicking on the drill down arrow next to that category will allow sub categories to view and choose from.
(Figure 8.3; green box).

Please note: Most of the programming on this page for SYSTEM SETTINGS categories (except for PRINTER SETUP and DISPLAY SETUP REPORT) are identical to the programming done directly through the display on the PROTEUS controller.

Refer to the PROTEUS Gen IV System Programming Manual (DOC00008).

DOC00008 is found at www.omntec.com/support/documents.

IMPORTANT: For any changes made within SYSTEM SETTINGS sub categories, you must press the **UPDATE** button appearing on that page. You may continue to work and make additional changes within the SYSTEM SETTINGS sub categories. Once all changes have been finalized and updated within SYSTEM SETTINGS, press the **APPLY CHANGES** button, either in the middle of that page or at the bottom of the left-hand margin. Both **APPLY CHANGES** buttons will prompt you to confirm the same action.
(See Figure 8.3; red boxes).

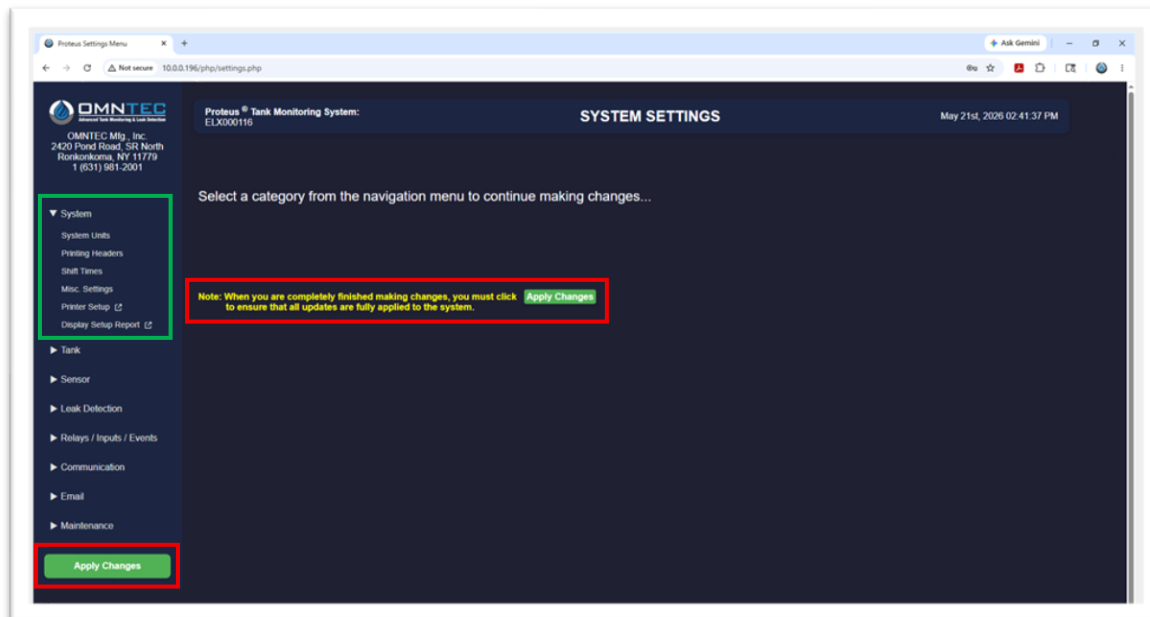


Figure 8.3

PRINTER SETUP will redirect you to CUPS, which is the standard-based, open-source printing system.
For detailed instructions, refer to the PROTEUS Printing Via CUPS Interface Manual (500185).
500185 is found at <https://www.omntec.com/documents/printing-via-cups-interface>.

DISPLAY SETUP REPORT will generate a digital SYSTEM SETUP REPORT printout (similar in format to what the onboard PROTEUS printer creates). You can simply right-mouse button click and conveniently save this digital report to your local drive.