LAGERSMIT
BY TIMKEN



REMOTE MONITORING PORTAL

ONBOARDING

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Remote Monitoring Portal onboarding manual

This document provides quick instructions for connecting your Supreme Ventus system to the remote monitoring portal. If you encounter any difficulties, please refer to the Full Installation Manual for detailed, step-by-step guidance. Once installed, the system automatically connects to the portal and uploads data, enabling real-time seal performance monitoring from anywhere with internet access.

If you're in need of any assistance don't hesitate to call us at +31 (0)88 0216300 or e-mail us at service@lagersmit.com

Prerequisites

Before proceeding with the setup, ensure the following requirements are met:

- **A Windows Computer**
  A computer located on the vessel with Windows 10 or later installed and active internet access.
  Note: This computer is typically situated in the vessel's control room.
- **A Supreme Ventus System with Modbus TCP Support**
  Ensure your Supreme Ventus system is equipped with the Modbus connection feature. Refer to last chapter of this manual to verify if your Supreme Ventus system supports this functionality.
- **An Ethernet Cable**
  A suitable Ethernet cable long enough to connect the Supreme Ventus system to the designated computer.
- **An Authorized Person with Admin Access**
  A person, preferably with an IT background, who has administrator privileges on the computer mentioned above.
- **Operational Conditions**
  All configuration steps described in this manual can be safely performed while the vessel is at sea and in operation.

The installation consists of two main parts:

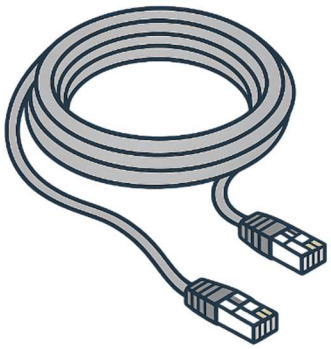
1. **Hardware Preparation**
2. **Software Installation**

1. Hardware Installation Guide

To enable automatic data collection for the Supreme Ventus system, it must be connected to a Windows computer with internet access.

Steps:

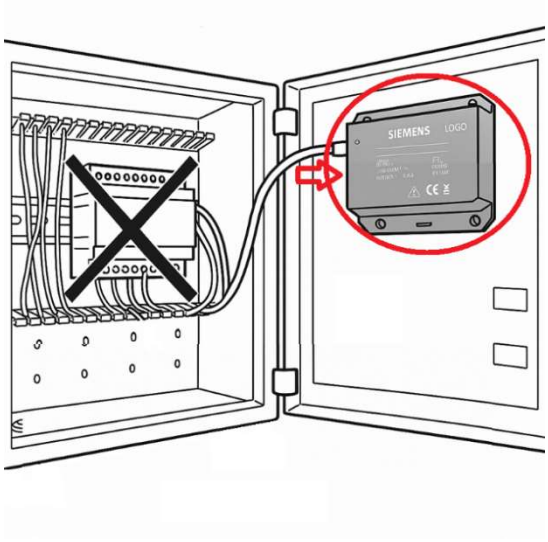
1. Obtain a **CAT.5E cable** long enough to connect the Supreme Ventus system to the computer.



2. Locate the **LOGO! Display**, installed on the door of the Supreme Ventus electrical box.



3. Use the system key to open the **electrical box**.
4. Plug one end of the Ethernet cable into a **free Ethernet port** on the **Siemens LOGO! Display**.



5. Connect the other end of the cable to an available **Ethernet port** on the Windows computer.



⚠️ If your vessel uses a network share point to access onboard computers, or if you cannot find a free Ethernet slot, please refer to the FAQ for troubleshooting.

1.1. Verifying the Connection

Now that the physical connection is complete, you need to verify if the system allows communication. This can be done by **pinging the PLC** from the Windows computer.

⚠️ This step is recommended to be performed by someone with IT knowledge and proper authorization.

1. **Find the IP address** of the LOGO! PLC:
   - On the Supreme Ventus LOGO! display, go to **Settings**
   - Select **PLC Settings**
   - Note the **IP address**

2. On the Windows computer, open **Command Prompt as Administrator**

3. Type:



Example: ping 192.168.0.3

4. You should see a **successful reply**.
   ⚠️ If the connection fails, refer to the **FAQ** for troubleshooting tips.

2. Software Installation – Supreme Ventus Data Collector

1. **Download the installer** from the following link:
   (Insert download link here)

2. Once the download is complete, **run the .msi file**.

3. Follow the on-screen instructions to complete the installation.