# VEEDER-ROOT

# Technical Support Notification
## Allied Electronics with BIR DIM Applications

## ▶ Veeder-Root Dispenser Interface Protocol over TCP/DIM (TDIM)

TLS-450PLUS consoles with Business Inventory Reconciliation (**BIR**) require the use of a Dispenser Interface Module (**DIM**). The DIM allows the console to receive transaction data from a Point-of-Sale (**POS**) system.

On the TLS-450PLUS console, the built in TCP/IP (ethernet) port can be utilized as a TCP/IP DIM (**TDIM**). In addition to allowing remote capabilities, the TCP/IP port will also transfer BIR data.

**Note:** Only ETH1 can be programmed as a TDIM. This is the ethernet port closest to the front of the console.

The following instructions explain how to connect the TDIM to an Allied NeXGen or AEGIS.

## ▶ Enabling TDIM Capabilities with Allied

**NeXGen** Forecourt Controller

**AEGIS**

1. The default serial port on NeXGen/AEGIS is COM2. This will need to be unassigned via the DGS application (set to Not in Use). It will look like this in the NeXGen.INI file: COM2=NON

2. Also, in the NeXGen.ini file, you will need to include these entries:

    [TCP_LOGGING]
    FIM=True

    [TANK_GAUGE]
    IpAddress=x.x.x.x (where x.x.x.x = IP of the TLS-450PLUS)
    TcpPort=35555 (Default on TLS-450PLUS TDIM port)

*NeXGen Forecourt Controller and AEGIS are trademarks of Allied Electronics Inc.*

▶ **TDIM and Allied Interface – TLS-450PLUS Setup**

**Programming**

**How to enable TDIM capabilities with a TLS-450PLUS console:**
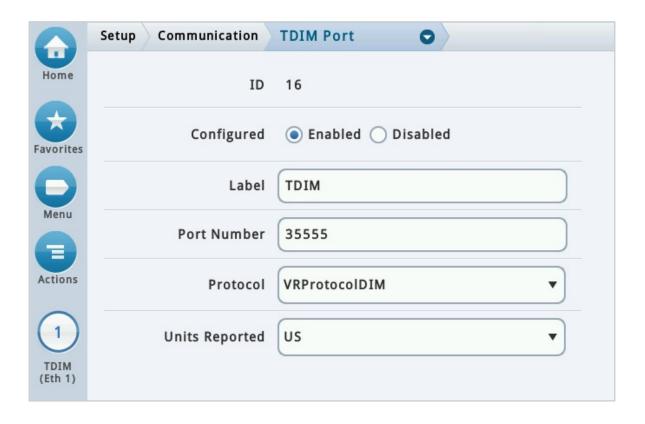
**Menu → Setup → Communication → TDIM Port**

❑ **Configured:** Enabled

❑ **Label:** Example: TDIM or POS
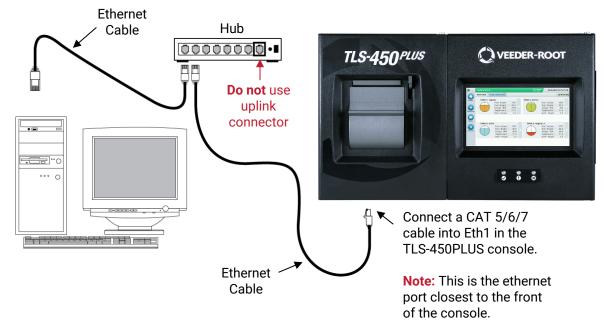
❑ **Port Number:** 35555

❑ **Protocol:** VRProtocolDIM

❑ **Units Reports:** Default is set to US

## ▶ TDIM and Allied Interface – TLS-450PLUS Setup (Continued)

### Wiring Configurations

Ethernet Cable

Hub

**Do not** use uplink connector

Connect a CAT 5/6/7 cable into Eth1 in the TLS-450PLUS console.

**Note:** This is the ethernet port closest to the front of the console.

Ethernet Cable

Ensure both the TLS-450PLUS and NeXGen are on the same subnet. Assigned ports in both the TLS-450PLUS and Allied must match, as shown on the first page of this notice.

## ▶ Further Information

- Contact Veeder-Root Technical Support at 1.800.323.1799 for additional help or questions.
- Learn more about BIR on our website.

---

**Technical Support Hours:** M-F EST: 8am-7pm

✉ **technicalsupport@veeder.com**

🌐 **veeder.com/support**

📞 **+1.800.323.1799**

📞 **+1.814.695.4476** — International

**VEEDER-ROOT**