

Device Interface Bulletin

Connect an FMS Console to an Allied Electronics (NEXGEN)

Applicable Models

- T5 Series (including TS-550 evo) Fuel Management Systems
- Colibri Tank Monitor

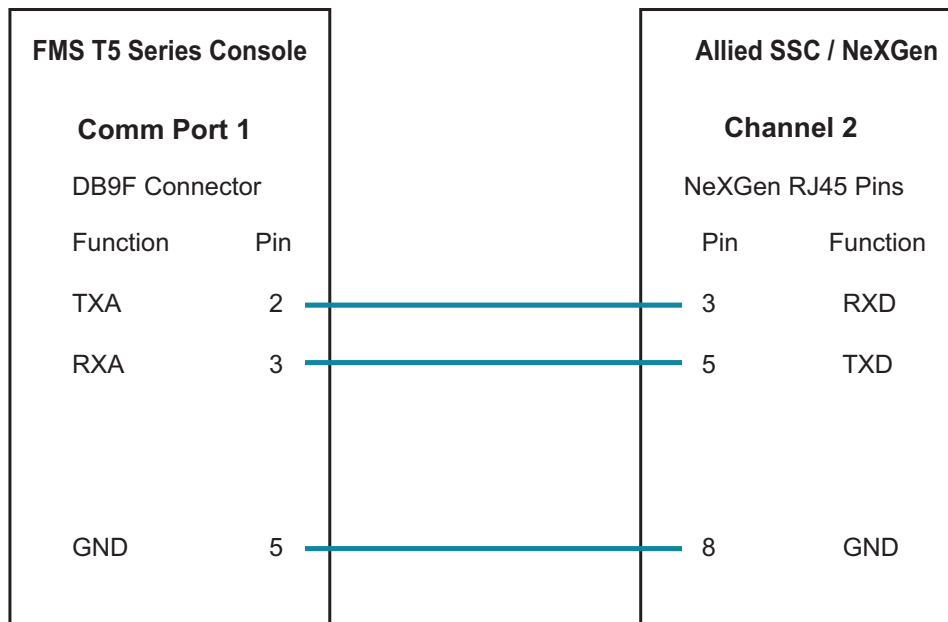
Overview

This document explains how to connect a T5 Series Fuel Management System or Colibri Tank Monitor to an Allied Electronics Station Site Controller (NEXGEN) box and allow the NEXGEN box to receive inventory information from the T5 Series tank monitor. In applications where dispenser reconciliation is desired, it will also allow the Allied NEXGEN box to send sales information to the T5 Series, without the need for a TS-DIMIB (Dispenser Interface Module).

Dispenser Reconciliation would require that the FMS console have the appropriate Tank inventory reconciliation and autocalibration software/ (TT-TRAC for T5 Series, CL-TRAC for Colibri)

Installation

A cable must be created to accomplish the interface. A shielded cable is recommended with at least three conductors. For the T5 Series Fuel Management System, there will need to be a DB9-male connector on the T5 Series end and a RJ45 adapter on channel 2 of the NeXGen.

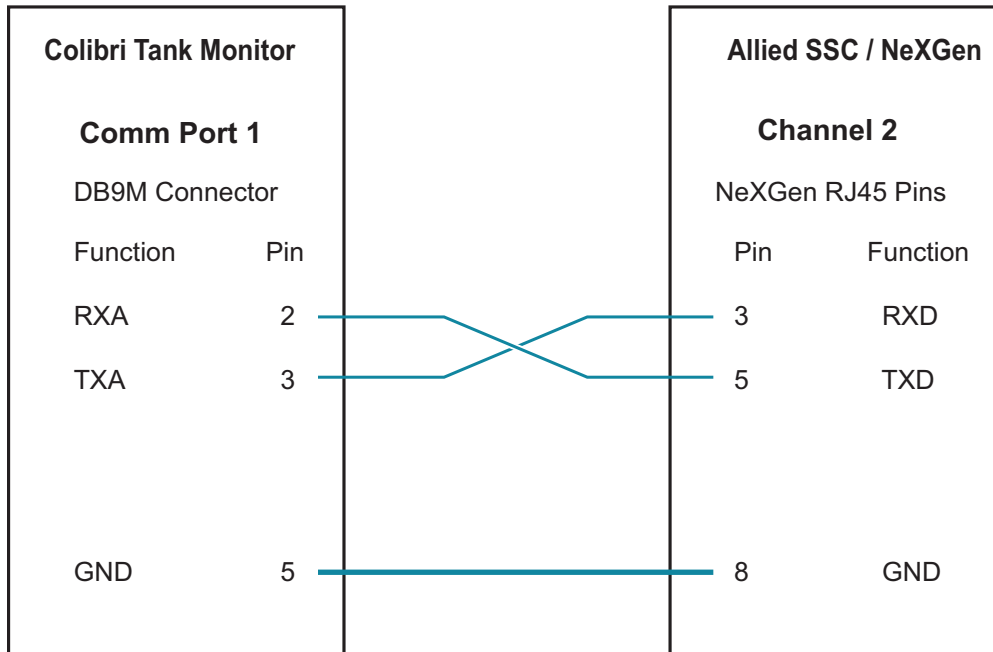


Note: Allied Electronics Inc. offers an RJ45 adapter to make this connection. (Part #N9389-ADP). Contact Allied Electronics for more information.

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For the **Colibri** Tank Monitor, there will need to be a DB9-female connector on the Colibri end and an RJ45 adapter on channel 2 of the NeXGen



Programming

The T5 Series Comm port 1 needs to be programmed to the following parameters:

TS5/TS550/TS5000/Colibri

System/Configuration/Comm 1

COMM 1	
Mode	Veeder-Root
Baud Rate	9600
Data Bits	7
Parity	Odd
Stop Bits	1

TS550 evo

Setup/Parameters/Communications/Serial Ports/Comm 1

Communications		
Serial Ports		
COMM 1		
	Mode	Veeder-Root
	Baud Rate	9600
	Data Bits	7
	Parity	Odd
	Stop Bits	1

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Testing

To check the connection from the NexGen box to the T5 Series, view the appropriate port status via NXG_DGS.

CH-2 Link Up- TLS

Once the NeXGen detects it is connected to the T5 Series, the device name changes to TLS-R

CH-2 Link Up- TLS-R

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