

# SuperTrak CONVEYANCE™ Application Note

## Gateway Board Revision C01 – Position shift

ST3-AN-21#-V1

V1 Updated 15-Jul-24

### Overview

An issue was discovered with gateway board revision C01 firmware that results in positions being shifted ~1mm. This shift is experienced when replacing to/from a C01 gateway board when the board revisions do not match. This firmware issue is resolved in controller version 3.0.54.0

### Requirements

- Controller software version prior to 3.0.54.0

### Instructions (Gateway board replacement)

1. Disregard the following steps if using controller software of 3.0.54.0 or greater. Controller software version can be found using the TrakMaster Advanced->Firmware page.
2. Disregard the following steps if replacing a gateway board with one of the same revision.
3. Perform the C01 gateway board replacement as defined in the Operations and Maintenance manual in section: "Replace a Gateway Board".
4. Recalibrate the encoders for the section the board was replaced on.
5. Validate and reteach positions on this section. When changing Gateway Boards to C01, positions on this section will be shifted ~1mm including:
  - Targets
  - Region boundaries
  - Sync zones. Note: sync zone verification must be performed as well to ensure no collisions are introduced with this change.

### Questions?

Visit <https://supertrakconveyance.com/services/support/>