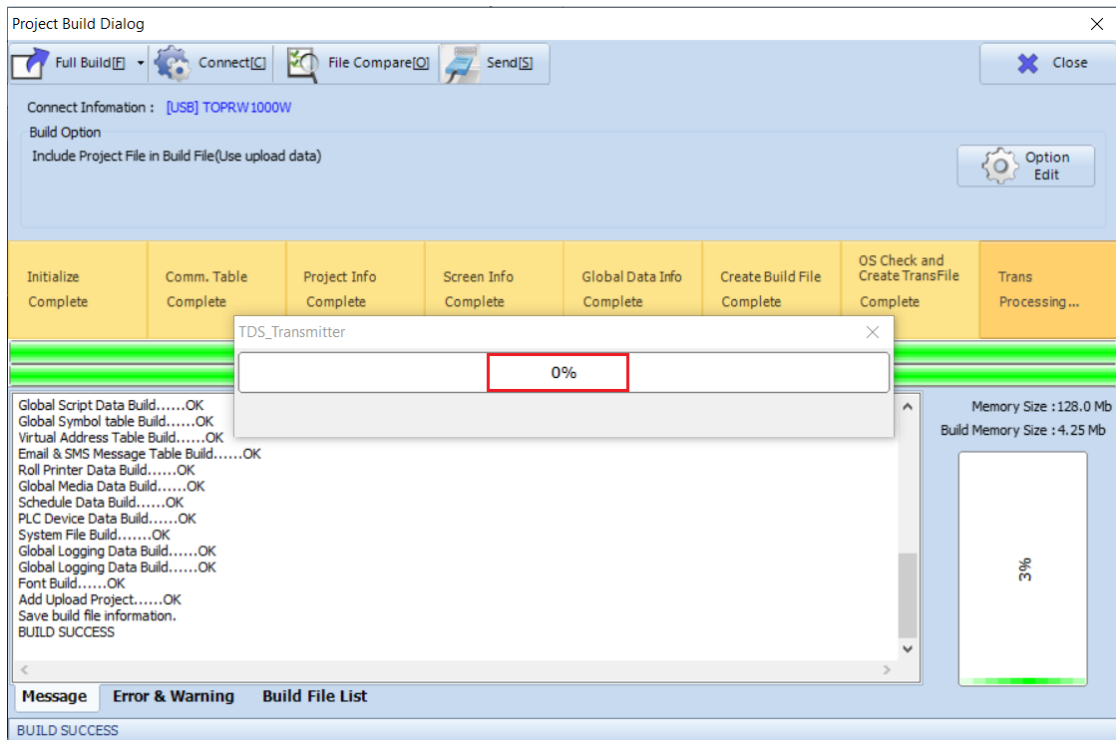## When Transmission Stalls at 0% After ETHERNET Connection in TOP Design Studio
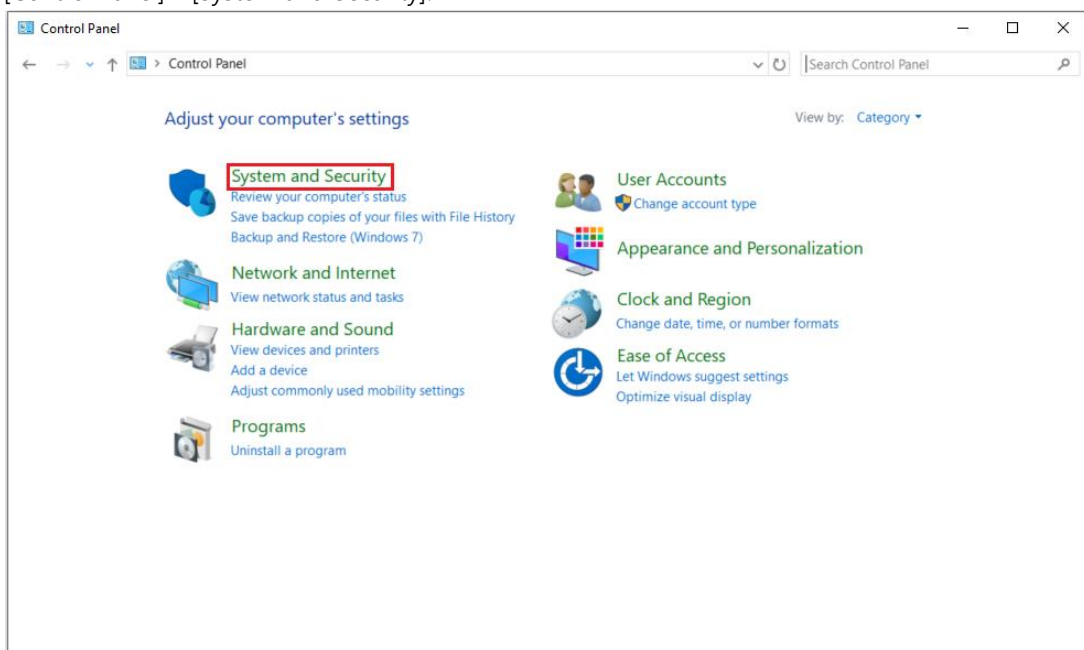
If project transmission stops at 0% after connecting via Ethernet, it may be caused by Windows Firewall settings. (For more details, refer to Microsoft documentation on Allowing an App through Windows Firewall.)

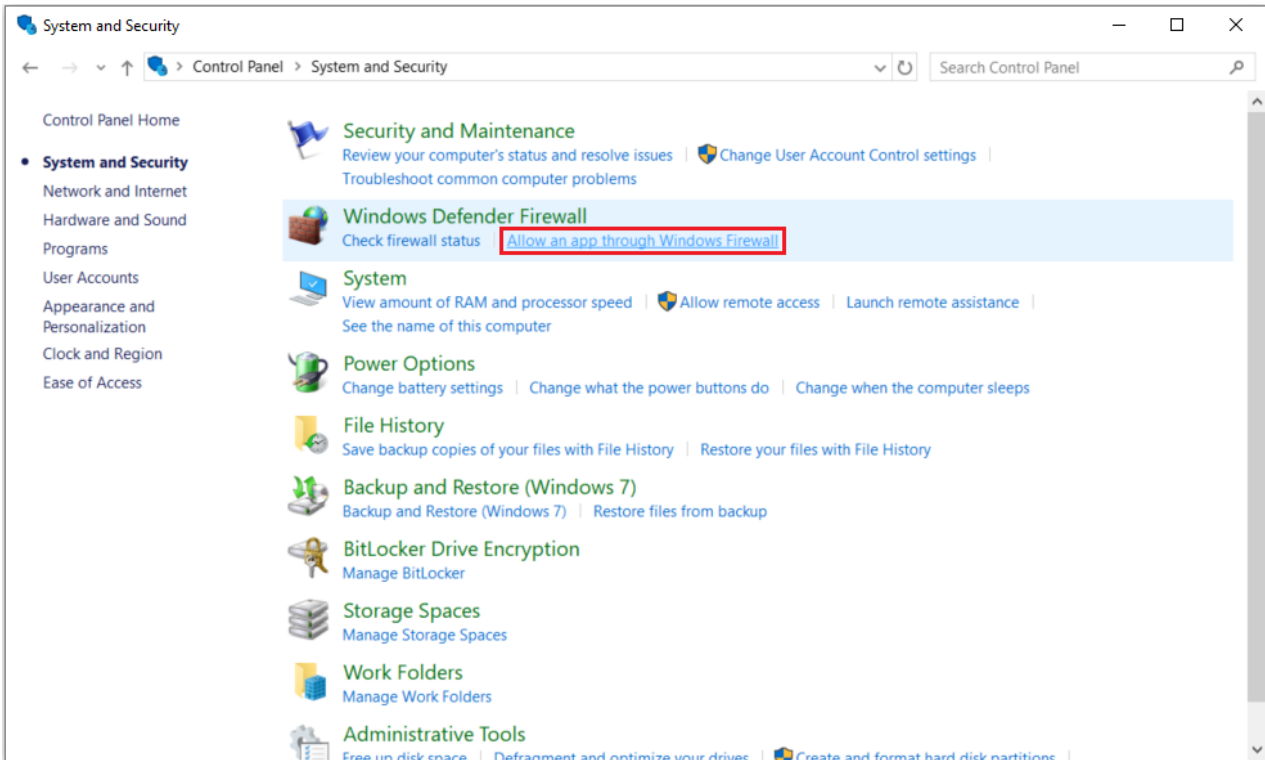**Steps to Allow tdstransmitter in Windows Firewall (Windows 10 Example)**

[Figure 1. Transmission Stuck at 0% After Project Build]

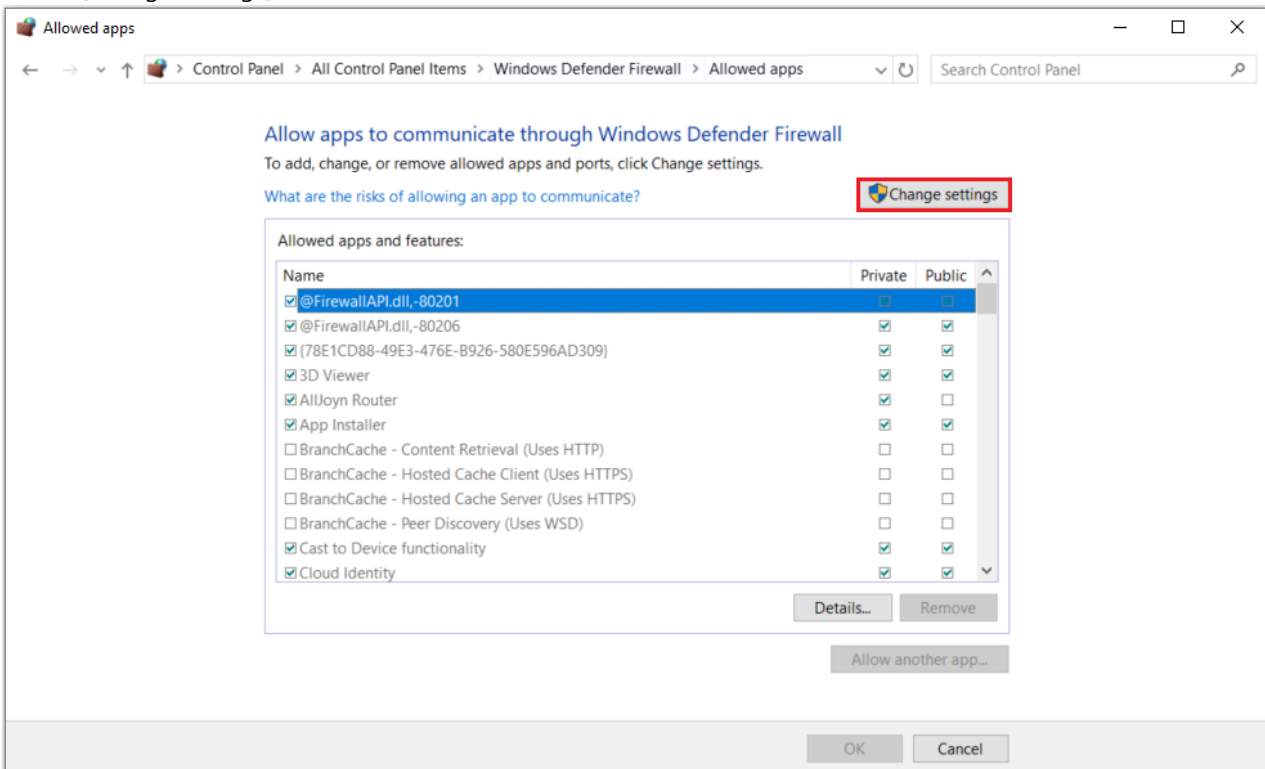1. Open [Control Panel] - [System and Security].

[Figure 2. Control Panel]

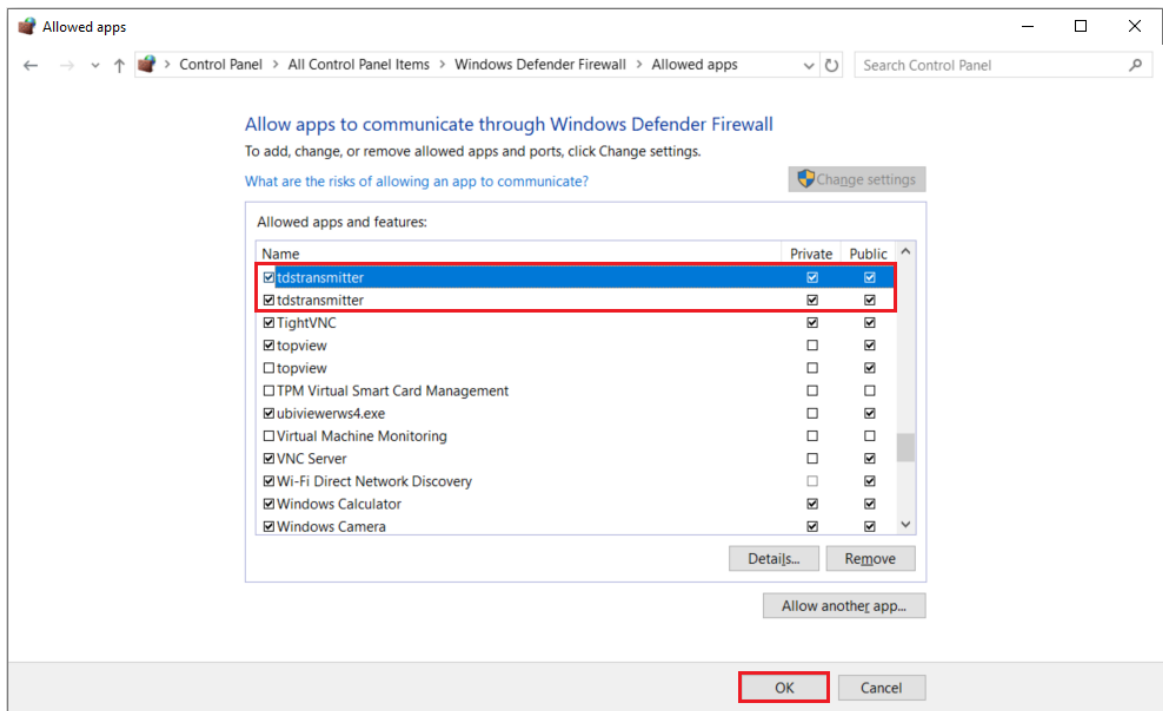2. Click [Allow an app through Windows Firewall].

[Figure 3. Allow an app through Windows Firewall]

3. Click [Change settings].
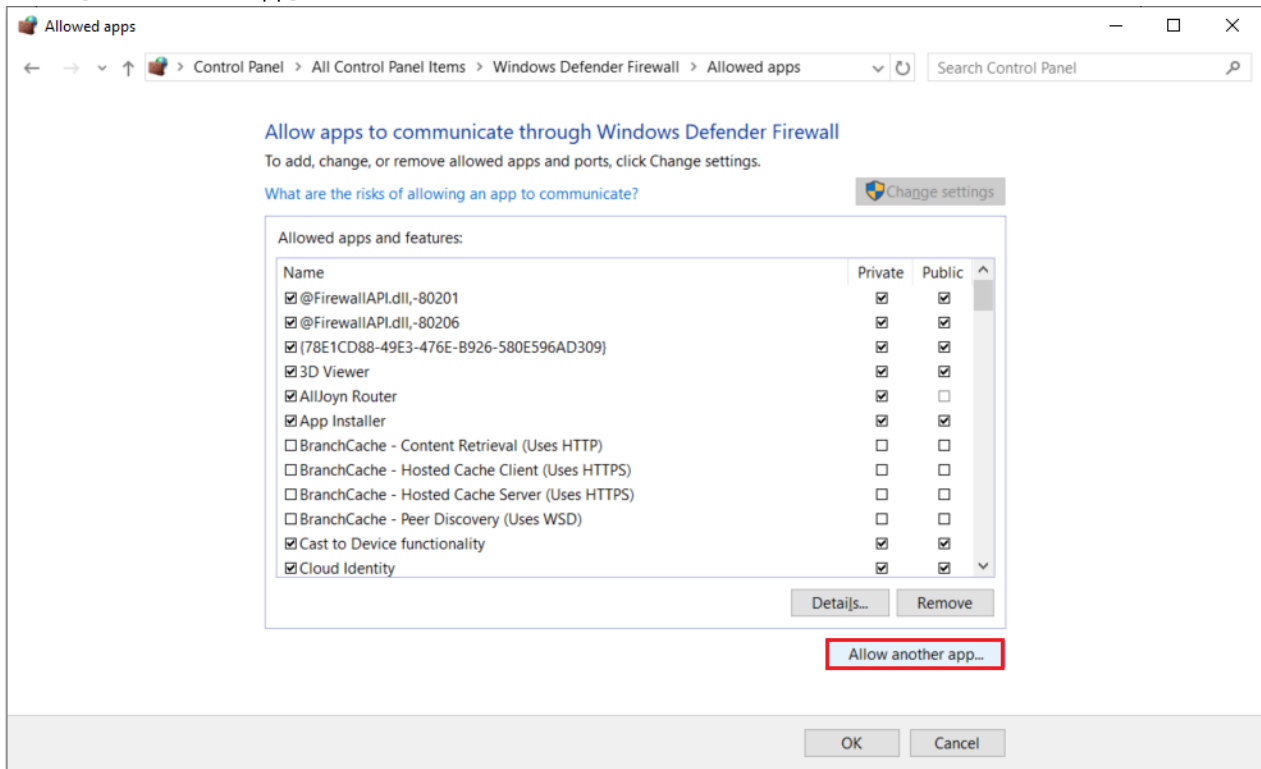

[Figure 4. Change settings]

4. Find [tdstransmitter] in the list and check all boxes (Private and Public), click OK, and then return to TOP Design Studio to perform [Full Build & Transfer] again.
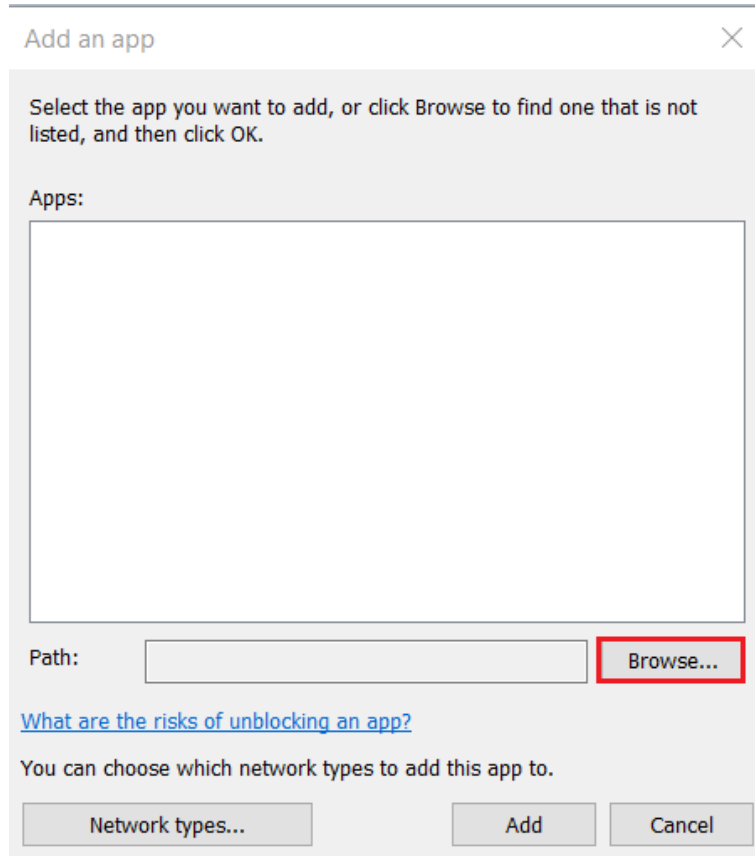

[Figure 5. Check tdstransmitter]

If [tdstransmitter] Is Not Listed
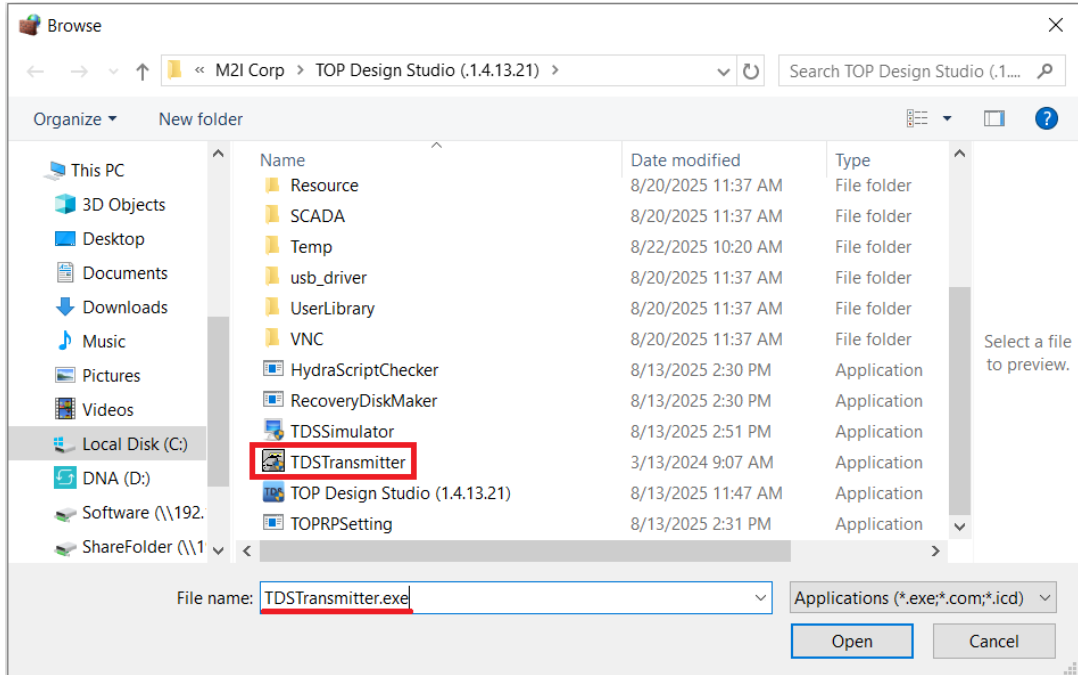
1. Click [Allow another app].

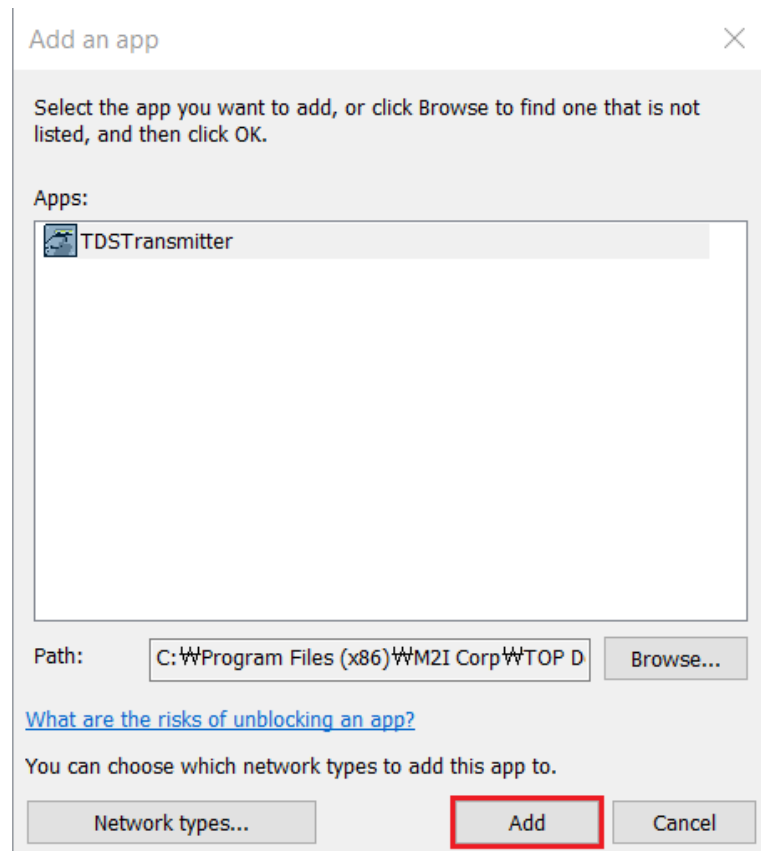[Figure 6. Allow another app]

2. Click [Browse].

[Figure 7. Browse]

3. Enter [TDSTransmitter.exe] in the file name field and click [Open].

[Figure 8. Open TDSTransmitter.exe]

4. Confirm [tdstransmitter.exe], click Add, and then proceed as in Step 4 above.

[Figure 9. Add TDSTransmitter.exe]

This way, the firewall exception is properly registered, and the transfer should proceed beyond 0%.