TM computer setup:

Primary computer for TM server / data entry – can also control printing and audience display. Could run field control with long usb cables but not recommended. If there is streaming, that should be run on a separate computer.

Process, Primary computer:

1. Launch TM on the primary computer.
2. Confirm an internet connection – good Wi-Fi is acceptable.
3. Open new tournament. [If there is an existing tournament, open it then choose Tools > Run Wizard and complete the remaining steps.]
4. Event Code Setup: check event listed on RobotEvents and enter codes.
5. Choose program type (VRC) and event type (medium)
6. Name the event and choose password(s)
7. Click next on League Play, then choose Scoring for current season
8. Import teams from RobotEvents
9. Choose next on Elimination Setup (defaults are correct. You may choose to reduce the number of alliances below half the team count to save time in eliminations, but RECF prefers the maximum number of teams in eliminations.)
10. Choose next at Field set, with 1 as the number of field sets.
11. Rename fields if desired.
12. Enter number of skills fields.
13. Create / name pit displays if desired.
14. Schedule Setup:
    a) Choose cycle time, match time, start and stop time for a morning set of matches that results in an integer number of matches per team. Match cycle time must be realistic for playing, scoring, and resetting each match, and is influenced by the number of fields in use and the nature of scoring.
    b) Repeat for afternoon matches with the goal of providing a minimum of 6 matches per team and ending the QR around 3pm.
15. DO NOT generate matches! This is not required at this point. If you are editing an existing event, clicking past the generate matches screen will clear any previous match creation – which is what you want. *Any team assigned to a qualification match cannot be removed from the event. If there is a no-show or a team that cannot pass inspection you will not be able to remove them until you empty the match list.*
16. Choose awards.
17. Check all options for Web Publishing to enable live data at robotEvents and the vex via app.
18. Click Finish.
19. After all teams have passed inspection, go to Tools > Regenerate Match Schedule to (finally) create the qualification match schedule for the event.

Troubleshooting: Avoid restarting the TM server at all costs. If there is an error with TM you can try and recover by restarting TM. When you close it, choose No when asked to close the remaining applications – this keeps the server running in the system tray, and all connections (skills, fields, pits) active.

Process, field control/skills computers:

1. Complete the steps above to establish the primary computer as the TM server for the event.
2. Boot field control computer and connect a match control device to that computer. You should hear a usb connection sound. Choose and play the correct field control program prior to launching TM.
3. Launch full TM (not Pit Admin) and choose Connect to Existing Server. Enter IP and password to connect. (The server IP can be found on that computer by clicking Help > Get IP Address. Passwords are visible at Tools > Options > General.)
4. Look for the Field Control Setup dialogue to pop up.
5. Use the test buttons on the first detected device to determine which is detected. Assign that device to a field and mark the device with the selected field number/name.

Troubleshooting: If there are field control issues at any point in the tournament, you can usually recover by power cycling the smart controller – unplug are re-plug and it will launch the program and reconnect to TM. It might take a match to get back in synch with team numbers. Next level is to look for the field control app in the system tray and choose Reconfigure. Next level is to close TM and the system tray app (or restart the computer), re-launch TM and repeat steps 2-6 to reset the control.