

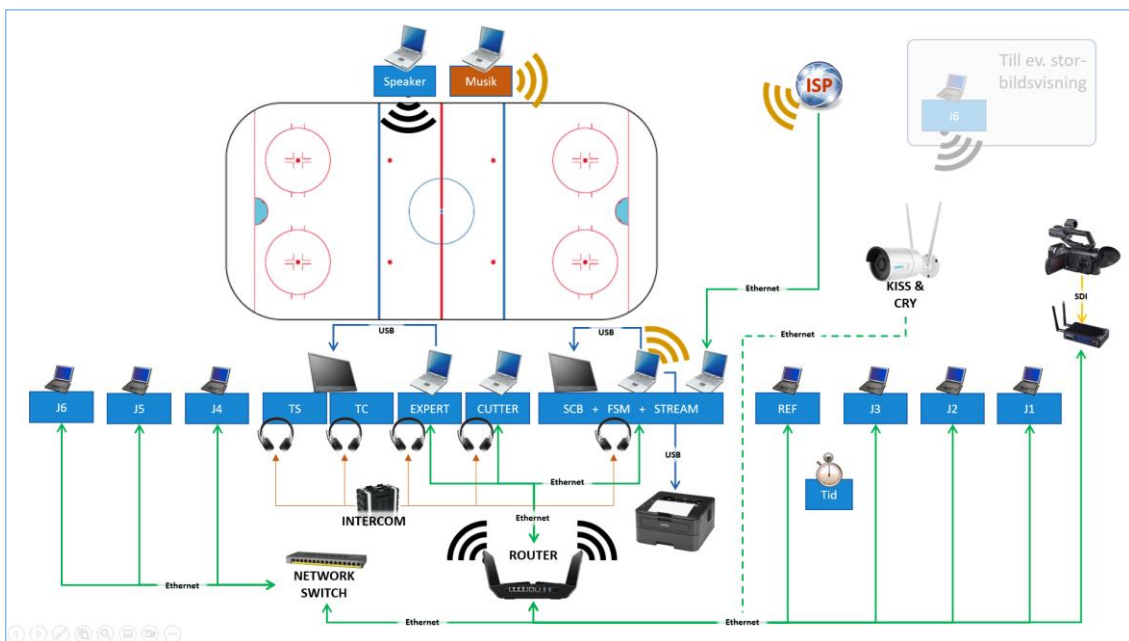
Starting up a FS-system

Purpose

Guide new users to a generalized workflow that should get you to run a competition system. Actual work may vary depending on what regional associations system you use. Check details with your local system owner / responsible.

Steps to start a competition system.

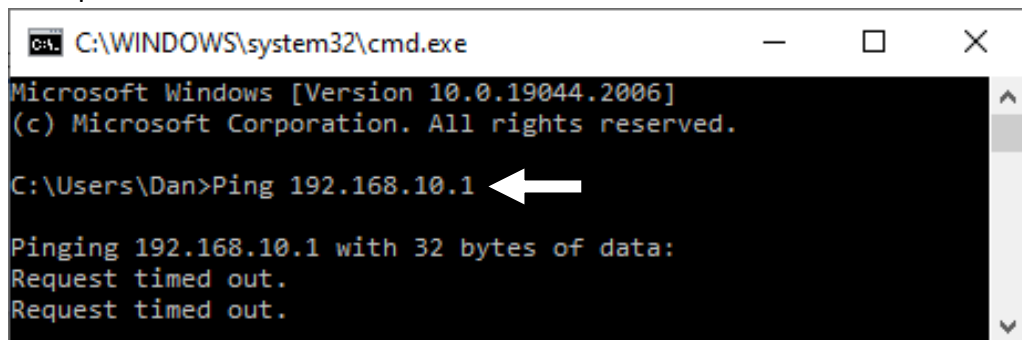
1. Unpack and place all equipment in intended locations.
2. Secure **stability** on camera tripod and tables.
 - Avoid using duct tape on the part of the legs that slides inside another part. The tape will leave residue glue that makes the legs stick.
3. Connect all PC, Printer, Camera, Teradek and Router / Switch and external screens to power.
 - Also connect any (optional) external microphone to the camera.
4. Connect all network cables according to intended system set-up.



Example set-up for 6 judges + referee using both LAN and Wi-Fi

5. Start the ROUTER and / or NETWORK SWITCH.
 - You may need to wait for Wi-Fi on 2.4 and/or 5GHz to get available.
 6. Start Teradek, Camera and all PCs and screens. Wait for the Teradek to state “Ready” on the built-in display.
 7. [OPTIONAL] Verify basic network connection is available to all PC by using the Ping command from e.g., the FS Manager PC.
- Press the Windows key + R, type “cmd” to open a terminal window.
 - Type: **ping <IP-address to another PC in the network>**.

Example:



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Dan>Ping 192.168.10.1
Pinging 192.168.10.1 with 32 bytes of data:
Request timed out.
Request timed out.
```

If the request times out as in the picture above, you have a network issue (loose cable, switch that lack power, firewall issues etc.). Resolve this before continuing.

- You can download and run e.g., “PingInfo” on FSM/SCB PC to automate this check.
8. Verify IP assignment to each PC is OK. Restart PC if not assigned IP as expected.
 9. Start Speaker and verify Wi-Fi connection.
 10. Verify Screens for TS and TC (duplicates EXPERT).
 11. [OPTIONAL] Verify external screen for FSM (extended desktop) is working.
 12. Start all ISU-software.

On some system the needed software may be set to AutoStart when the PC starts and is logged in on. Check with your local system responsible / owner for your systems configuration.



- Start the **webserver**
C:\SwissTiming\ScoringWebService\SwissTiming.FigureSkating.Scoring.WebService.exe
- Start the **video server**
C:\SwissTiming\ScoringWebService\public\RTSptoWeb.exe
- Launch **FS Manager** by clicking the Start icon and select the competition database to use.
- On **each panel PC** (judge or technical panel) Open a **web browser**, type in 127.0.0.1:6098 to reach the landing page. The IP-address (127.0.0.1) should be replaced and match the PC you run FS Score on.

NOTE:

The IP address 127.0.0.1 (or "localhost") is only used if you have everything on a single PC. Otherwise, 127.0.0.1 will be replaced with the current IP address of your FS Manager / FS Score computers. Contact your SDF for detailed instructions.

13. On JUDGES and REFEREE computers, set correct judge number on each PC. Note that the judge number to select is only available when you have selected a database and a correct category in FS Manager.
14. Verify connections to all JUDGES, FSM, CUTTER is indicated as green on the EXPERT.
15. Verify Video is working on CUTTER and EXPERT (and on all JUDGES, if replay is enabled for judges).
 - Press the red "DV" button to reconnect to the stream if there is no video on a PC. On the CUTTER it is labelled "Reconnect".
 - Restart the PC if needed.
16. Start Announcer client (on web-browser using the IP to your FS Manager PC) on SPEAKER (and any other Announcer client used).
 - *ipaddressofFSMlaptop:8080/announcer* (example: [192.168.10.7:8080/announcer](#))
The IP-address of the FS Manager PC is often printed on a label of the PC, if not, check with your local system responsible / owner)
17. Start FS Manager and test-run in a TEST-database.
 - You can create a TEST database from a back-up of your competition database or use an older database (if created in the same version of FS Manager).



18. Open 1st category in database and “Init ALL” on FS Manger to send data to the other PC:s in the competition system.
19. Secure correct Skater is shown on all PC:s.
20. Change to the competition database in FS Manager.
21. Start WinSCP. Secure correct user on login (your competition user) and that you watch the correct local folder (your competitions HTML folder).

Prepare for a wonderful day with a prime view over the competition at the rink





Starting up an intercom

Starting an Intercom system

Note that this is very generalized, and the actual set-up process may differ a lot depending on the system brand. Consult your owner's manual for your system for the exact procedures.

1. Place a headset on each position for the technical panel and the FSM Operator.
2. Take out any needed extension cords and connect the headset with the extension cords according to your owner's manual.
3. Secure proper connection for all cables.
4. Set all volume controls in the low to mid-setting for headsets and microphones and master volumes.
5. Power up the system by consulting your owner's manual for the exact procedure.
6. Using another person, check the volumes between a pair of headsets and adjust the main volumes as needed to have a clear, but still comfortable volume while talking to each other's with a normal voice.
7. Check each headset has a working microphone and headset.
8. Perform a soundcheck with the panel at the start of each day. Adjust the individual gain levels as per preferences for that person.