KSIS eJudge Offline Scoring Network Topology

KSIS OFFLINE SERVER

- a local version of the KSIS server is run using a package found at 'http://rgform.eu/download/docs/OfflineScoringSystem.pdf'
- must be connected to router via CAT5 cable for reliability of traffic from tablets
- should use a static IP if possible, but dynamic/DHCP is fine as long as you set a timeout to a large value ensuring the IP address will not change when refreshed/releases by router
- must also be connected to a public wifi access point to allow for SYNC between offline server and online KSIS live scoring results



WIRELESS ROUTER/HUB

- wifi access point for all tablets used by judges
- wired connectivity for KSIS Offline Server & laptop (ensures better reliable traffic routing for scores from tablets to server)
- recommended network settings: DHCP ON and starting range should be 192.168.0.110 and up & gateway should be 192.168.0.1
- * above settings are already supported and pre-configured by tablets for ejudge landing page used by judges to score: http://192.168.0.106/ksis/ejudge2/



PRIVATE WIFI

- provided by the router of your choice should have wireless and at least 1-port for wired to laptop/offline KSIS server
- recommended wireless settings: SSID: ksis password: ksispassword (tablets are already pre-configured for this access point information)



JUDGES TABLETS

- Android tablets are the preferred OS as it allows for the reporting of battery levels in the KSIS platform
- should be connected to private wifi access point pre-configured on tablets as 'ksis' as per recommended default settings
- Chrome browser is used to access ejudge2 KSIS web app
- ejudge landing page used by judges to score: http://192.168.0.106/ksis/ejudge2/ * if using recommended settings tablets will go to this page by default when Chrome is started

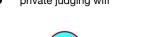


KSIS Offline Server

Judging Tablets

PUBLIC WIFI ACCESS POINT

- usually a facility provided wifi access point or can use the Rogers Hotspot routers provided by GO for this purpose (note it may take 15 minutes to establish a connection with these devices and they have been known to go offline from time to time)
- this access point is required by eJudge to synchronize the scores from offline scoring (via tablets) to the online live results page on KSIS



HEAD JUDGE CONTROL LAPTOP

- this laptop is used by the head judge to control scores as they come in, and CONFIRM (button) once marks are approved
- head judge is responsible for: STARTING a ROTATION using the KSIS interface

