



In-Game Video Supporting Non-DVSPORT Solution

In preparation for the implementation of In-Game Video (IGV) for the 2024 season, each FBS school was asked to meet a minimum infrastructure spec to ensure connectivity was in the necessary locations to support an IGV solution regardless of the vendor providing the solution.

Required Infrastructure

For the full infrastructure requirements please refer to the “In-Game Coaching Video Tablets - Infrastructure Requirements” document distributed in April 2024. As a reminder, each team was asked to ensure a minimum of six single-mode fiber strands with ST connections be run between the following locations (does not need to be home runs).

- Coaches Video Shooting Location (Sideline) to the Replay Booth
 - If the Visitor Coaches Video Shooting Location is in a different location than the Home Video Shooting Location then run six strands of fiber from each location.
- Coaches Video Shooting Location (End Zone) to the Replay Booth
 - If the Visitor Coaches Video Shooting Location is in a different location than the Home Video Shooting Location then run six strands of fiber from each location.
- Replay Booth to the Home Team Sideline
- Replay Booth to the Visitor Team Sideline
- Replay Booth to the Home Team Coaches Booth
- Replay Booth to the Visitor Team Coaches Booth

Visiting Teams - Alternative Solution

Visiting teams that do not utilize the DVSPORT solution will be responsible for bringing their own equipment, including any fiber converters, media converters, or network switches required by their solution. **Visiting teams should be given access to fiber paths at their video shooting location (SL and EZ), coaches booth, and team sideline.** These fiber paths will be used for the team to transmit the video signals and set up the network they need for their solution.



Answers to Common Questions

Can the visiting team use the coaches video feeds from the Home Team?

- Yes, however since the home team video feeds are being transmitted to the replay booth, the visiting team will need to split the signal with the Home Team at the shooting location and bring a Fiber to SDI converter for each coaches video feed so they can transmit the home team coaches video feeds directly to the coaches visitor booth.

Can teams touch the fiber cabling connected to the DVSPORT switches in the coaches booths or on the field?

- No, we would ask that visiting teams don't touch any fiber strands that are already connected to DVSPORT equipment. There should be open fiber strands in each of the visiting team locations that they can use for their IGV solution.

Can the visiting team use the DVSPORT Network Switch in the Visiting Coaches Booth?

- No, this switch is on the DVSPORT Replay/IGV network and thus can't be used by another solution.
- There will be fiber in the visiting coaches booth that can be used to create their network for their IGV solution.
- Visiting teams should bring a Fiber Media Converter (Fiber to Ethernet Converter) and any other network equipment they need for their solution (i.e. a switch, wireless access point, etc.). Teams could also bring a switch that accepts fiber.
- The visiting teams can use the ethernet drops run to each coach's seat by moving the ethernet patch cables from the DVSPORT Switches **Patch Panel** to the visiting team switch. **We ask that the movement of the ethernet patch cables be done by a DVSPORT Purple Hat or a member of the home team's IT staff.**

Can the visiting team use the DVSPORT Network Switch on the Field?

- No, this switch is on the DVSPORT Replay/IGV network and thus can't be used by another solution.
- There will be fiber on the visiting sideline that can be used to create their network for their IGV solution.
- Visiting teams should bring a Fiber Media Converter (Fiber to Ethernet Converter) and any other network equipment they need for their solution (i.e. a switch, wireless access point, etc.). Teams could also bring a switch that accepts fiber.



Can home teams provide fiber converters and media converters for the visiting team?

- Yes, if the home team has fiber converters and media converters and they want to provide that for the visiting team they can. However, the home team is not obligated to do so if they don't have this equipment designated for the visiting team.

Can teams set up capture/network equipment in the Replay Booth?

- No, the replay booth is for authorized personnel only on game day and that doesn't include coaches or staff from the teams.
- Visiting teams need to be prepared to capture and mark video at the coaches shooting locations, coaches booth, or on the field.

How do visiting teams get the TV Program Feed?

- The Replay Booth has an output of the PGM feed that can be used to supply an SDI feed to the visiting coaches booth. Some schools may already have this setup. If not, a fiber converter from the visitor team could be placed in the replay booth to transmit the video feed to the coaches booth using one of the fiber strands between the two locations.
- The other option is for the visiting team to set up a fiber converter at the truck bay to receive a Program Feed from TV and then the home team stadium staff patch the fiber path needed from the Truck Bay to the Visiting Coaches Booth.

What support should visiting teams expect in regards to their team's IGV solution?

- The DVSport Purple Hats, DVSport Support, and Home Team game management will assist the visiting team if any issues arise with the infrastructure feeding the visiting team areas (coaches shooting locations, coaches booth, team sideline). This refers to cabling, power, and fiber.
- If there is an issue specific to the visiting team's IGV solution. This refers to the team's tablets, sideline cart, network equipment, capture devices, etc. it will be the visiting teams responsibility to address those issues as the DVSport Purple Hat and Home Team staff won't be trained in the nuances of the visiting team's IGV solution.
- It is recommended that a visiting team using a different solution bring with them a technical expert on their IGV solution that can troubleshoot any issues that arise with their solution on game day.



Communication prior to game day.

- It is recommended that teams communicate with each other prior to non-conference games to discuss the IGV set up so proper preparation can be made leading up to the game.
- A few items we recommend being discussed:
 - Do you have Ethernet cables run to the visiting coaches booth seats? If so, how many?
 - Do you have fiber run for the visiting team at the coaches shooting locations, visiting coaches booth, and visiting team sideline?
 - How is the fiber terminated (ST, LC, SC, etc.)?
 - Do you have two 15 amps of dedicated power on the sideline? One for the sideline technology cart and the other for a cart cooling unit.
 - Where are the fiber connections on the field? Near the 50 yard line?