



## North America's International Teleport for HD Sports

### End-to-End Service

TV2GO can offer a complete sports delivery service, from rights negotiation, signal access liaison, fiber or domsat backhauls to international space segment and satellite delivery. In 2006 TV2GO delivered over 130 flawless NHL games from arenas all over North America to NTV (Moscow) and C More Entertainment (Stockholm). TV2GO offers a boutique specialist solution to your sports transmission requirements. This is all we do. We are HD sports specialists. No telephony, data or full-time broadcasters. With many years of live production experience all over the world, our technicians understand your sports production requirements.



NFL for Sky Italia.

NBA to BskyB.

## HD Sports in North America

American and Canadian sports broadcasters have made the switch to High Definition. The National Football League, National Basketball Association, Major League Baseball, National Hockey League, NASCAR and Canadian Football League all produce at least half of their games in HD. Add to that major figure skating, boxing, car racing and even poker tournaments ... all being produced in HD. For a newly-launched European HD service, North America is the source for thousands of hours of live sports content.

## Superior HD to PAL Conversions

Even if the European broadcaster doesn't want HD, we can deliver a visibly better picture from North America. When other teleports convert 1080i/60 signals to PAL, they begin by down-converting the HD image to 525-line NTSC, then NTSC is converted up to 625 PAL. No matter how good the standards converter, that picture will look inferior to native PAL. TV2GO translates 1080i/60 to European HD standard 1080i/50 then down-converts to Standard Definition PAL. The result is the best PAL picture you've ever seen!

### Don't Forget the Audio

The HD revolution extends to audio too. Dolby E 5.1 Surround Sound is a popular standard for North American sporting events. TV2GO can decode the channels, remove English commentary and re-embed the audio channels in whatever format the European broadcaster prefers.

### The Missing Link

Until 2006 there was no high quality method to convert between the European and North American frame rates of 50 fps and 60 respectively. We solved this problem for Germany 2006. As Canada's gateway for the World Cup, TV2GO acquired the For-A FRC 7000 frame rate converter required to complete its high definition teleport capability. We're now able to transmit or receive any form of high definition video, by fibre optic or satellite.



### Satellites and Bandwidth

From Toronto, TV2GO can directly access Eutelsat AB-1, Hispasat 1D, Intelsat and 905 and PAS 3 which all have excellent coverage over Europe. We recommend 18MHz as a minimum space segment for High Definition sports. We can achieve a data rate of 35.2792 MB/second using DVB-S2 8PSK modulation.