

## CUSTOMER SUCCESS STORY



# PRIVATE VIDEO SURVEILLANCE FOR RACETRACK SAFETY & SECURITY

### CUSTOMER SITUATION

Woodbine Entertainment Security Operations (WESO), responsible for 650 acres of property, wanted to provide high definition surveillance coverage and Wi-Fi access to their restricted-access stable area, three training tracks and timer shack. The stable area has 40 barns that house up to 2,200 thoroughbred race horses during the racing season from March to December each year.

WESO required video surveillance to provide security and safety for these areas. During the peak thoroughbred racing season, this area turns into a small town with a lot of activity on-site by owners, trainers, jockeys, and support staff, some of whom live onsite during the racing season. The main requirements of the system were minimum delay in the video feeds while delivering high-resolution images with no downtime and stored videos accessible on a 24/7 basis.

All video feeds are recorded and if an incident occurs security staff can easily review the video footage. The need to access the stored video feeds is absolutely critical to investigating incidents. This includes training accidents and safety investigations regarding people and property.

### SOLUTION



WESO contracted Phase Wireless Solutions, a wireless broadband consultant, to recommend and install a wireless system to support these critical applications. Phase Wireless selected and installed RDL-3000 XP Enterprise radios in point-to-point (PTP) mode for connecting each camera back to the main stadium where WESO staff is located. Redline was Phase Wireless' choice for these applications because of the high bandwidth that can be achieved with a narrow channel size selection. This feature is important for reliable transmission because Woodbine Racetrack is located very close to one of the largest airports in Canada, Pearson International.



Large airports are a source of a lot of radio frequency (RF) noise making it difficult to set up reliable wireless systems in close proximity. The RDL-3000 XP's superior filtering and channel size selection allowed Phase Wireless to set up reliable high-speed links in an extremely challenging RF environment.

With the success of the initial installation, WESO added an additional RDL-3000 XP Enterprise PTP link to connect their weather monitoring system at track level. An important parameter is a lightning strike detector. When lightning is detected, the system alerts WESO staff to clear the track.

## OUTCOME

WESO remarked that the system has been flawless, meeting and exceeding their expectations. They had a limited budget to cover a large area,

but needed a scalable network that they could deploy and "forget about." Redline's scalable and reliable wireless links gave them exactly what they needed. "One hundred percent uptime. No complaints," says Tina Soobramanie, Security Analyst — Information Technology, at Woodbine Entertainment.

WESO is planning to use Redline to upgrade the legacy wireless video surveillance in their parking lot later in 2017. Since their wireless system is growing, they also plan to use Redline's ClearView Network Management System (NMS) to monitor the PTP equipment installed around track.

*"One hundred percent uptime. No complaints."*  
**-Tina Soobramanie, Security Analyst - IT**



## ABOUT REDLINE COMMUNICATIONS

Redline Communications is the creator of powerful wide-area wireless networks for the world's most challenging applications and locations. Used by Oil & Gas companies, militaries, municipalities and telecom service providers, Redline's powerful and versatile networks securely and reliably deliver voice, data, M2M and video communications for mission-critical applications.

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