HITTING AN ACE IN IOT

Solutions for Lynx Ridge Golf Club

ABnet · Alberta IoT · Lynx Ridge GOLF CLUB

Revolutionizing the Golf Industry through IoT

The golf industry is starting to recognize some of the benefits from IoT that include GPS tracking, connected clubs, and wearable technology; IoT is breathing new life into this classic sport, taking it to a whole new level.

IoT unlocks new possibilities for both players and management alike in the golfing industry. Check out some areas IoT is touching to revolutionize the game:

- ✓ GPS Tracking
- ✓ Soil Sensors
- ✓ Fuel Tank Level Monitoring
- ✓ Room Sensors
- ✓ Smart Wearable Technologies
- ✓ Digitized Gaming Equipment

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GPS Tracking

GPS tracking for golf carts, beverage carts and maintenance equipment not only increase the efficiency of these vehicles but also monitors driving habits. The GPS system allows for real-time cart location that can assist with an immediate evacuation of the course, in the event of a thunderstorm and aid in Marshalling. QR codes can be generated from an IoT dashboard, allowing golfers to simply scan the code and locate the beverage cart at all times.

Soil Sensors

Golf courses can track moisture levels and intelligently apply irrigation when needed, saving golf courses significant cost. Soil sensors can also provide accurate temperature, salinity, nutrient levels, and moisture readings to make informed decisions and take corrective measures if required.

Fuel Tank & Waste Level Monitoring

IoT allows golf courses to monitor their fuel storage levels remotely. The system is able to detect when the tank is low, alerting staff when there is a need for more fuel or theft, while eliminating any potential downtime. Sensors can be installed on waste/recycling bins and septic tanks to notify the maintenance crew when they need to be emptied.

Room Sensors

IoT has provided golf courses with an array of new ways to monitor their facilities and improve maintenance and security. Through occupancy and temperature sensors, golf courses can closely monitor Rest Rooms and Maintenance Shops remotely. Alerts will send a notification when motion or temperature flactuations occur after hours. Increased Rest Room activity will allow staff to adjust their visits and shift to dynamic cleaning schedules. Companies are developing smaller sensors that can measure hand sanitizer levels and other paper related items.

Smart Wearable Technologies

Smart wearable technologies are becoming popular among golfers. The newer GPS enabled devices allow players to monitor environmental conditions, golf swing mechanics, and pace of play which leads to smarter shots that ultimately translates to a lower score.

Digitized Gaming Equipment

With the increase in digital technology, golf is becoming more and more interesting with new innovations. Digital shot tracking systems allow golfers to monitor club distances, fairway accuracy, and shot distance measurement, allowing for intelligent club reccommendations.

Rigstar, along with ABnet, successfully and seamlessly deployed an IoT Network at the Lynx Ridge Golf Club which hosted the Alberta IoT Golf Tournament.

In partnership with TEKTELIC and Geoforce, our team deployed multiple sensors throughout the course that included GPS Tracking on some of the Golf Carts and Beverage Cart, along with room and soil sensors. Some of the participants were able to track the location of the beverage cart in real-time and learn a little more about the soil conditions throughout the course. Our team is excited about the opportunity to work closely with Lynx Ridge to deploy additional sensors throughout the course and monitor their performance.

The prestigious Lynx Ridge Golf Club is situated in NW Calgary, AB that continues to enhance and embrace innovative technology. They were one of the first courses in Canada to deploy electric golf scooters and are now exploring additional benefits from an IoT network.

The tournament was a huge success that brought together key industry players within the Alberta IoT Association. This was a great opportunity to strengthen existing partnerships and highlight the benefits of the "Alberta IoT Fast Track Program".

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