

## Airports

### Yellowknife Airport



#### Summary

NORTHWEST TERRITORIES, CANADA – Yellowknife Airport (YZF), the busiest in northern Canada, depends on the reliability of TagMaster North America's RFID (Radio Frequency Identification) platform, even in extremely harsh environmental conditions.

#### Challenge

Yellowknife Airport required an AVI (Automatic Vehicle Identification) system to provide efficient, hands-free access to shuttles and maintenance vehicles. The airport authorities also required a streamlined software solution and integration with magnetic barriers. Located about 250 miles from the Arctic Circle, highly durable and reliable hardware was another key consideration for Yellowknife Airport.

#### Solution

TagMaster North America, in partnership with Trafco Canada, deployed a system of S1240 MarkTag MeM Tags

and LR-3 Pro Long-Range Readers to ensure that authorized airport shuttles and maintenance vehicles could gain hands-free access without compromising efficiency or security. TagMaster's RFID AVI system continues to perform exceptionally well despite average January temperatures of -27 degrees Fahrenheit (-33 degrees Celsius), and record lows of -71 degrees Fahrenheit (-57.2 degrees Celsius).

TagMaster offers ACTS (Access Control Tracking System), an embedded software solution, to help further streamline its RFID systems. Yellowknife Airport uses ACTS Essential, powered by ArmID, to add vehicles and activate Tags, deactivate lost or stolen Tags, open gates remotely, manage access schedules, and generate reports, all from an easy-to-use web interface.

#### Conclusion

Said Kevin Shoults, Trafco Sales Manager, of the TagMaster system: "You set it up and it works, rain or shine, or in Yellowknife's case, cold or colder." Shuttle drivers are now able to attend to their customers quickly and efficiently, without having to worry about the hassle of paper tickets, and authorized maintenance vehicles can gain secure, efficient access to the airport.

#### TagMaster Products Used

LR-3 Pro Reader

S1240 MarkTag MeM

ACTS Essential