

Alberta's Young Innovators

SafeD Pet Solutions

Technology helps to keep pets safe

Brian Larson, a 15 year-old innovator from Hanna, Alberta has turned a family tragedy into a new innovation that will help keep pets safe when left unattended in a vehicle.

Several years ago, Brian's aunt and uncle left their two Shih-Tzu's in their motor home. Despite the fact that they were parked in the shade, had open windows and plenty of water, both dogs died due to heat stroke. When Brian heard about the loss of his relatives' pets he knew he wanted to come up with a device so that no other animal would suffer the same fate.

In January 2008, Brian began to research the feasibility of a device that would relay the details of the temperature of a vehicle, the humidity, as well as other information to pet owners via their cell phone.

In his spare time, Brian conducted research, spoke to veterinarians, pet owners, humane societies and pet industries to make sure his idea would be marketable and patentable. He built a prototype of his device with equipment and resources at NAIT in Edmonton.

The result of his hard work and research is the SafeD Pet Monitor that transmits and receives information using cell phone technology. The device sends the temperature, peak temperature within an interval, humidity, and humidex to a pet owner. The device also relays live audio so a pet owner can hear whether their animal is agitated or stressed.

Brian is working towards perfecting his prototype and plans to have his unique product in the hands of consumers in the near future. With no other device like it on the market, the SafeD Pet Monitor has the solid potential to help individuals take responsibility for their pets and reduce the instances where animals suffer or even die from heat or dehydration.



Contact information

Brian Larson
SafeD Pet Solutions
Hanna, Alberta

phone:
403-854-4221

e-mail:
cblarson@telus.net

Government of Alberta ■
Advanced Education and Technology