

Intel® Smart Clip

Bluetooth-Enabled Car Seat Toddler Tech Prototype Could Save Lives

Aug. 18, 2015 — Each year, tragic and preventable injuries, or worse, occur when children are trapped inside hot motor vehicles. Vehicular heatstroke tragedies can happen anywhere, anytime, regardless of socioeconomic status, and they can affect the lives of parents, families and communities forever. To help address this problem and prevent child passengers from being left behind in cars, engineers and makers from Intel's Internet of Things Group developed the Intel Smart Clip.

At the 2015 Intel Developer Forum (IDF) in San Francisco, Intel announced it is working with Fuhu*, the leading designer, seller and innovator of high-tech consumer products, services and solutions for children and families, to sell the Intel Smart Clip this year at leading retailers where the nabi® brand products are sold.

An Intelligent Car Seat: Based on the Intel® Quark™ SoC, the Intel Smart Clip prototype uses a built-in Bluetooth sensor and can alert a parent's or caregiver's mobile device if the baby becomes unbuckled, is too hot or cold, or if the clip's battery is low. Most importantly, the Intel Smart Clip can send an alert if the buckle is still fastened while the parent or caretaker falls out of range with the mobile device – preventing a toddler from being left behind in the car seat.

Seamless Design: Some devices on the market today require parents to carry around a wireless fob, which can be misplaced or forgotten and cannot report temperature. To make the Intel Smart Clip seamless and as easy as possible for parents or caretakers, Intel developed a system that interfaces with a mobile device app rather than an additional accessory that can be forgotten in the car itself.

The Intel Smart Clip prototype device was showcased in the Intel booth at the 2015 International CES.

Supporting Resources

- [Intel Smart Clip Video](#)
- [Chip Shot: B-roll and Photos, Intel Car Seat Clip and App](#)
- [Photos: Intel Free Press](#)
- [Intel Internet of Things press kit](#)

Intel and the Intel logo are trademarks of Intel Corporation in the United States and other countries. Bluetooth is a trademark owned by its proprietor and used by Intel Corporation under license.

*Other names and brands may be claimed as the property of others.



The Intel Smart Clip can alert a parent's mobile device if the child is unbuckled or being left behind.



The Intel Smart Clip uses built-in Bluetooth sensors to deliver vital car seat information to a parent's mobile device.